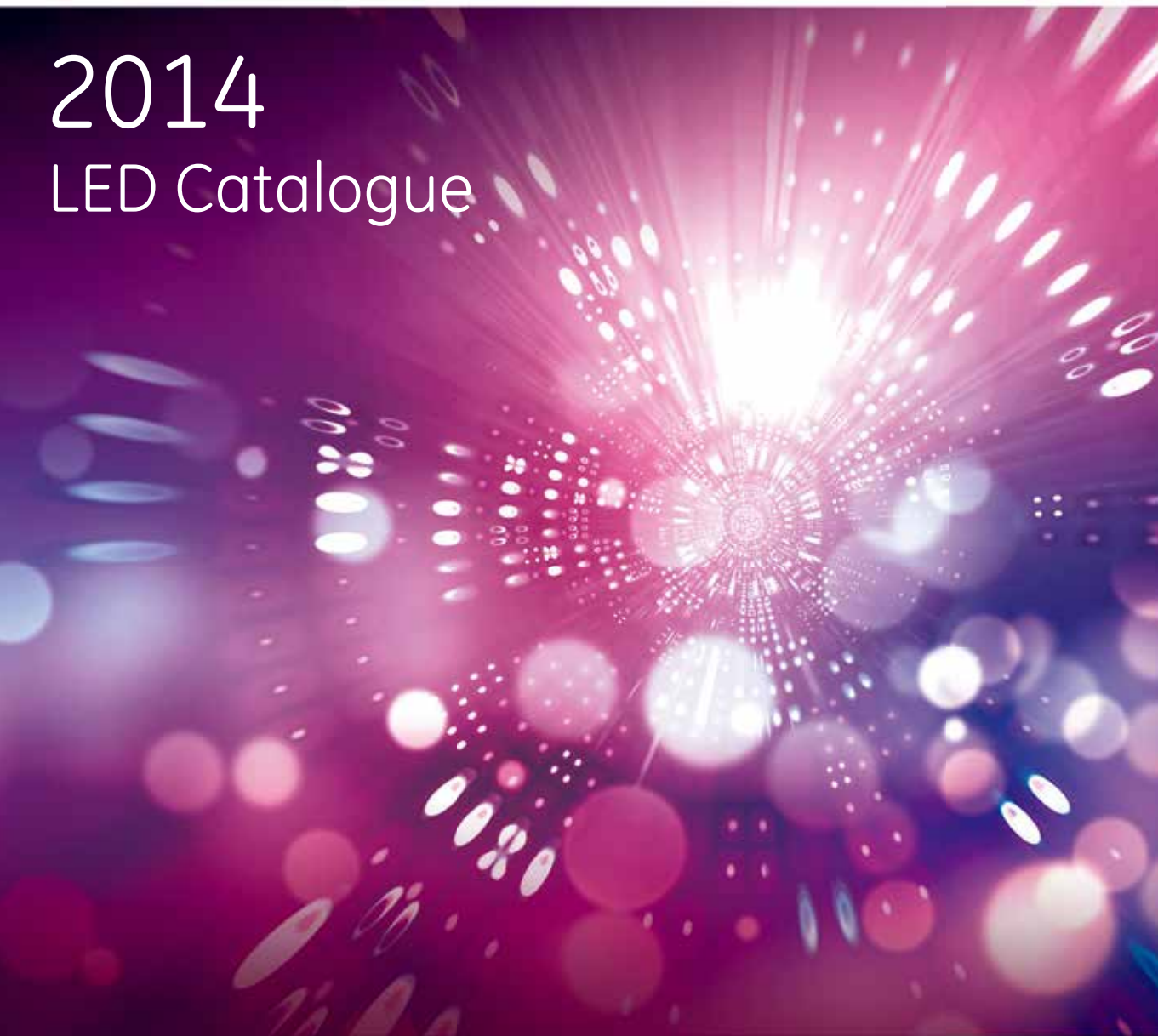


2014 LED Catalogue



GE Innovation History



Nowadays, GE lighting has become one of the biggest lighting system supplier in the world

About GE Lighting

GE Lighting invents with the vigor of its founder Thomas Edison to develop energy-efficient solutions that change the way people light their world in commercial, industrial, municipal and residential settings. The business employs over 16,000 people in more than 100 countries, and sells products under the Reveal and Energy Smart consumer brands, and Evolve, GTx, Immersion, Infusion, Lumination and Tetra commercial brands, all trademarks of GE. General Electric (NYSE: GE) works on things that matter to build a world that works better. For more information, visit <http://www.gelighting.com/LightingWeb/apac/>.



As a London 2012 Sustainability Partner and a Global Olympic 2012 sponsor, GE Lighting has worked alongside the London Organising Committee of the Olympic Games (LOCOG) to deliver a series of lighting projects.

To mark the Olympic Games and Paralympic Games GE Lighting has transformed London's iconic Tower Bridge with a new state-of-the-art lighting system – designed to enhance its architectural features and replace static lights with bulbs that can vary in intensity and colour, while at the same time cutting energy consumption considerably. The famous landmark will also feature giant suspended Olympic Rings and Paralympic Agitos for the 45 days of the Games. GE will be illuminating the rings, as well as smaller versions in Belfast, Edinburgh and Cardiff using its powerful LED Floodlights and working in conjunction with all the major cities' councils to ensure that once again, the installations can be reused after the Olympic Games come to a close.

GE Lighting also has provided energy efficient, low impact lighting solutions for permanent as well as temporary lighting installations that will either continue to deliver energy savings for years to come or allow lamps to be re-used in projects around the city after the Olympic & Paralympic Games end in September 2012.





Las Vegas, NV



Xi'an Mingguang Road, China



Spicy Stores , Brazil



"Las Vegas is known as the 'City of Lights' and we wanted the very best product we could find for our street lighting application. That's why we chose GE."
 — Niel T. Rohleder, Asst. Traffic Manager, Traffic Engineering Field Operations, Las Vegas, NV



"I know that I will look back on this in years to come with some pride, knowing that were building something, were putting something in place that is going to leave a benefit for generations to come, and that is enormously satisfying."
 Garry Harding, Directory of Operations, City of Sydney



"GE products are of good quality. We are satisfied with the excellent energy saving and stable operation benefits."
 — Bai Tao, Project Director, Construction Department, Xi'an Economic & Technological Development Zone



"In addition to improving product presentation, the newly adopted efficient technology reduces operational costs in each of our units and contributes to our sustainability goals."
 — Leandro Moura Jones, Spicy marketing supervisor.

Situation:

Las Vegas was looking for an efficient street lighting solution to reduce their annual energy consumption, as well as their annual maintenance expenses.

GE Lighting Solution:

The city is replacing nearly 41,600 mercury vapor and high-pressure sodium (HPS) lights on arterial streets and residential thoroughfares throughout Las Vegas with efficient GE Evolve LED Roadway Cobrahead fixtures.

Operating Impact

Energy savings of up \$1.7 million annually
 Reduction of 20 million kWh per year
 Maintenance savings of \$1 million annually

Environmental Impact

12,000 metric tons CO2 emissions eliminated per year
 => 2,300 cars off the road OR => 3,200 acres of new trees

Situation:

With public lighting accounting for nearly one third of the electricity use in Sydney, the City of Sydney Council was looking for a way to reduce greenhouse emissions and energy consumption as well as frequency of maintenance for their street lighting.

GE Lighting Solution:

Over the next three years, the city will be replacing nearly 6,450 street and park lights throughout Sydney with GE LED R250, LED Duna and LED Modular Area Light fixtures, resulting in a 40% reduction in greenhouse gas emissions.

Operating Impact

Savings of up AUD\$800,000 annually
 Reduction of 2.831 million kWh per year
 Maintenance savings of AUD\$932,000 annually

Environmental Impact

3,000 metric tons CO2 emissions eliminated per year
 = Equivalent to planting 238 new trees
 = Equivalent to removing 610 cars off the road

Situation:

This is the application of GE LED R150 at Xi'an (ETDZ) Economic and Technological Development Zone. Customer required high-quality and energy-saving lighting solutions. They chose GE LED R150, which awarded US NGL2009 Best Performance.

GE Lighting Solution:

Considering excellent light distribution, GE recommended LED road fixture R150. The length of main road is ca. 5000m, and width 24-27m. After simulated calculation, we provided professional lighting solution: 530 pcs of LED R150 157W road fixtures arranged on both sides of the road, with 35m interval, 11m height, which achieved 18.5 lux ave. and 0.6 uniformity.

Operating Impact

\$25,984 energy savings per year
 9.7 Year simple project payback
 0% fewer lamps replaced

Environmental Impact

0.33MM lbs per yr Co2 emissions eliminated
 =29 Cars off the road OR=41.4 acres of new trees

Situation:

The first Spicy Store opened in 1996 at a time specialized retail started to flourish in Brazil. With 33 stores already open across the country and an expansion plan in place, Spicy turned to efficient lighting for energy consumption and operational costs reduction.

GE Lighting Solution:

Spicy decided to change 2 thousand 50 watt halogen lamps in all of its 33 stores for GE's Energy Star 10 watt LED PAR 30 lamps, saving the retail chain 80% in energy consumption and 58% in maintenance costs over the life of the systems. In addition the LED solution prevents discoloration of the products and furniture.

Operating Impact

80% energy savings
 58% maintenance savings
 11 months ROI

Environmental Impact

404,142 lbs of CO2 reduced annually
 =75 cars off the road OR=107 acres of new trees



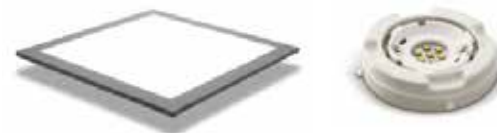
National Auto Museum



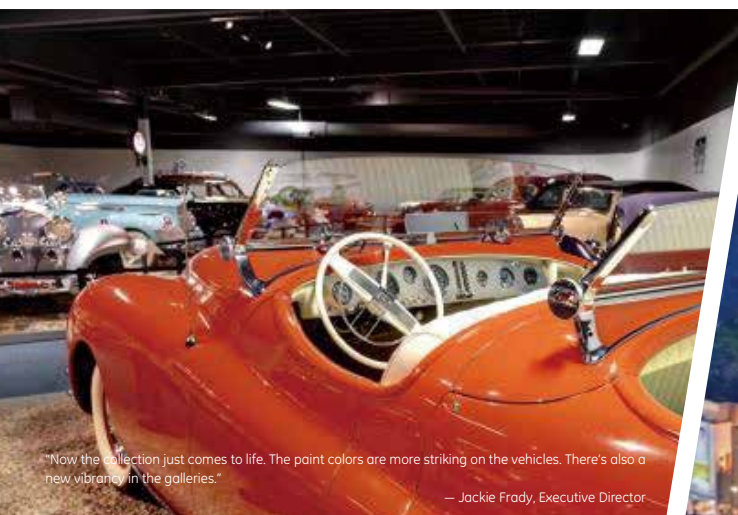
Grand Hyatt Hotel, Indonesia



Thomas Cook



Cirebon Super Block Mall, Indonesia



"Now the collection just comes to life. The paint colors are more striking on the vehicles. There's also a new vibrancy in the galleries."
— Jackie Frady, Executive Director



"We choose GE Lighting because GE offers the highest quality product compared with others."
— Herman Bunjamin, Director / Chief Property, PT Plaza Indonesia Realty, Tbk.



"We are delighted with the results and the positive feedback from customers and staff - there has been a dramatic aesthetic improvement and operationally we have seen a significant cost reduction."
— Victoria Barlow, Energy Manager at Thomas Cook



"We chose GE Lighting LED for its superior quality with extended 5 years warranty!"
— Jhinter Simanjatuk, Mechanical Electrical Manager, Cirebon Super Block Mall

Situation:

Retrofit of >600 90W PAR38 halogen lamps utilized to illuminate more than 200 vintage automobiles (including The Harrah Collection) on display at the National Automobile Museum in Reno, NV.

GE Lighting Solution:

GE's energy smart 17-watt LED PAR38 lamp was initially desired for energy and maintenance savings, but was ultimately selected due to its high color rendering index (CRI) value and lens design. The visual comfort lens provided an evenly diffused light and prevented distracting indirect glare from individual LED dots reflecting off of the automobiles' paint.

Operating Impact

\$28K in total operating savings annually
\$18K in annual energy savings
<1 year simple payback period

Environmental Impact

260K lbs. per year CO2 emissions eliminated
= 23 cars off the road OR= 32 acres of new trees

*: 1 USD= 6.30633 RMB

Situation:

Grand Hyatt Hotel Jakarta is located in Plaza Indonesia which is one of the most sophisticated commercial superblocks. The hotel has been using Hal 35/50W for its bedrooms and bathrooms, which were not energy efficient. The customer want a green lighting solution.

GE Lighting Solution:

GE Offered LED 4.5W GU10 and LED 9W E27 to light up the newly upgraded hotel bedrooms and bathrooms. Customer satisfied with this lighting solution because it saved energy and reduced maintenance cost dramatically. It is up to 94% energy saving and No IR, which can decrease the consumption of Air-conditioning systems.

Operating Impact

\$194.000 energy savings per year
0.85 year simple project payback
1250% fewer lamps replaced

Environmental Impact

2,987,600 lbs per yr CO2 emissions eliminated
= 259.2 cars off the road OR= 370.4 acres of new trees

Situation:

As part of its commitment to reduce its environmental impact high street travel agent Thomas Cook is looking to reduce energy consumption across its 900 retail stores. Thomas Cook is trialing a new lighting scheme developed by GE Lighting.

GE Lighting Solution:

Throughout the ambient areas of the store, GE Lighting used Lumination, an industry leading 600sq LED panel. Within the accent applications, GE Lighting has used its LED Infusion Module embodied into a Compact Lighting Downlight.

Operating Impact

Compared to fluorescent technology, Lumination achieves energy savings of up to 70%, eliminates maintenance costs for over 10 years.

Environmental Impact

Carbon footprint and energy reduction.

Situation:

Cirebon Superblock is a new world-class shopping mall located at Cirebon, West Java. The customer was looking for energy-saving lighting solutions with high quality products which could conform to their brand image.

GE Lighting Solution:

GE Proposed a full energy saving lighting solution, which including LED Tetra Series, LED and CMH Lamp. We offered CMH 70 & 35W, LED 20W PAR38 lamps for indoor use; Biax DBX 26W, 18W, Tetra AL10 systems, Tetra PowerMAX and miniMAX for indoor column, ceiling, cove and outdoor/ facade. Only consider Tetra AL10, it realized more than 78 thousand wattages annual energy saving, which provide good visual experience by better illumination, CRI and uniformity.

Operating Impact

Lower electricity cost
Longer service life and reduced maintenance cost

Environmental Impact

162,206 lbs per yr CO2 emissions eliminated
= 14 cars off the road OR= 20 acres of new trees



"It only makes sense to use the greenest signage solution possible."
— Angela Brav, Chief Executive, InterContinental Hotel Group



"The lighting design is compact and pleasing to the eyes. It also enhances the comfort of the guest as it produces little heat and is not glaring to the eyes."
— Andy Loh, Project Manager, Project Team, Tune Hotel Regional Services Sdn Bhd



"We are delighted with the results and the positive feedback from customers and staff. There has been a dramatic aesthetic improvement and operationally we have seen a significant cost reduction."
— Victoria Barlow, Energy Manager at Thomas Cook



Situation:

Replace 9,300 signs that will impact operating costs by impacting energy and maintenance savings, while increasing reliability. This project builds brand consistency and helps to foster their brand relaunch.

GE Lighting Solution:

By recommending GE Tetra Lumination products, GE was able to deliver an efficient solution on tight deadlines. While increasing energy efficiency, GE Tetra signage products will dramatically reduce energy costs and maintenance costs.

Operating Impact

\$4.4 MM total operating savings annually
\$1.4MM in energy savings annually
\$3 MM in maintenance savings annually

Environmental Impact

19.1 MM lbs. per yr. CO2 emissions eliminated
Equivalent to planting 2,300 acres of new trees

Situation:

Tune Hotel will open 30 new hotels in Southeast Asia and UK in 2012 and intends to invest RM60 to 90 Million in cost saving technology for them as well as an upgrade to current operational hotels. They aimed to reduce its energy costs by 30%-40% via green technology and be the first branded budget chain in Asia to be certified to the standards of Malaysia's GBI.

GE Lighting Solution:

GE proposed the Tetra miniMAX LED system for the outdoor signage which proves to be outstanding and bright during nightfall. We have also proposed LED Batten for indoor lighting such as ceiling lights. After installation, the lighting level reached a good result in 100lux with 0.5 uniformity and the project achieved 42% energy saving.

Operating Impact

USD 63000 energy savings per year
1.6 year simple project payback

Environmental Impact

824999 lbs per yr CO2 emissions eliminated
= 71.6 cars off the road OR= 102.3 acres of new trees

Situation:

Domino is the leading brand in Mexico, UK, Australia and other countries in the world. From the first store established in China in 1997, it offers Chinese the authentic American pizza. When opening new stores, Domino wants to use quality green lighting products that are reliable and offer consistent lighting quality which can create a comfortable environment for customers.

GE Lighting Solution:

Every Domino's store is divided into dining room, reception and kitchen. To meet client's need, GE delivered a lighting solution ,including 2 kinds of 6W LED downlight and remote MR 16, that was able to offer the highest level of quality lighting and energy saving.

Operating Impact

~Energy savings
~Low maintenance cost
~ offer the highest level of quality lighting

Situation:

In recent years, GAP has expanded its presence largely in China, with an apparent increase of its store counts. The customer was looking to update its lighting system, to be more energy efficient and promote its brand image.

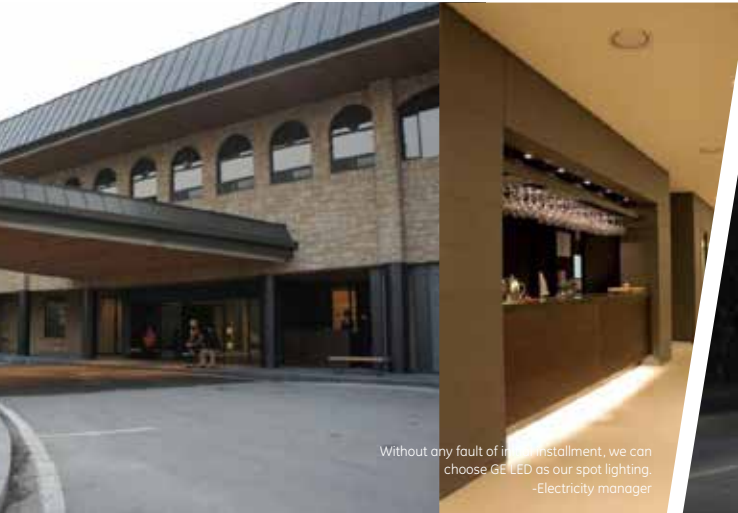
GE Lighting Solution:

GE Lighting offered LED Tetra PowerMAX to replace the original local brand signage products, and provides 5 years' guarantee, which helps largely reduce the maintenance cost .

Operating Impact

~save 18.7% energy than original system
~70% less fixtures used
~maintenance cost largely reduced
~5 years' guarantee

JAYU golf course- Club House



Without any fault of installation, we can choose GE LED as our spot lighting.
-Electricity manager

Situation:

Due to the aging state of their country club facilities, the end user thinks it is time to renovate their club-house including replacement of the light fittings. Previously they used halogen lamps which consumed a lot of electricity but provide high luminous power (high lumen value).

GE Lighting Solution:

Initially they tried Philips 10W (Master LED), however the fan generated too much noise and they had some issues with reliability. Although the GE MR16 LED gives a relatively lower lumen value, the quality of our product is much better than that of our competitors and we can offer a better price too. Mainly, the end user wanted a high quality atmosphere for their VIP customers

Operating Impact

~\$10,321 energy savings per year
~0.9 year simple project payback
Annual Maintenance Saving = USD5864

Environmental Impact

Annual CO2 reduced = 2045Kg
No of trees used to Absorb CO2 = 1023

Kennon Road, Philippines



Situation:

With the influx of tourist and increase in migration, Baguio City is now facing environmental challenges, the officials want to initiate a green environment. Kennon Road, one of the 3 major artery going to the Baguio City is certainly on the list to retrofit its existing lamps to LED lighting fixtures.

GE Lighting Solution:

GE Lighting has offered a solution of installing 20 sets of LED R150 on Camp 7 which start from Baguio General Hospital going down and plans to light it up until Camp 5 with an estimate of 3km distance.

Operating Impact

~\$198933 energy savings per year
~5.4 year simple project payback
~reduced maintenance cost

Environmental Impact

878,255 lbs per yr CO2 emissions eliminated
= 76 cars off the road OR
= 109 acres of new trees



imagination at work

ecomaginationSM

ECOMAGINATION WORDING
MAKING RENEWABLE ENERGY A REALITY.

1. Continue to increase revenue from ecomagination products



2. Double investment in R&D



3. Reduce greenhouse gas emissions and improve energy efficiency of GE



4. Reduce water use and improve water reuse



5. Keep the public informed





1 LED Indoor



48 LED Outdoor



94 LED Signage








Any update of data in this catalogue will not be informed. Please contact GE Lighting for detailed information.

LED Indoor

LED Lamp

| | |
|---|---|
|  MR16 2 |  Tube 7 |
|  Bulb 12 |  Deco 16 |
|  PAR 19 |  GU10 24 |

LED Fixture

| | |
|--|---|
|  Downlight 26 |  Economic Type Lamp 28 |
|  Horticulture LED Batten 30 |  Batten 31 |
|  T8 BATTEN 33 |  TW BATTEN 35 |
|  LED Backlit Troffer 37 | |

LED Module

| |
|---|
|  Infusion LED SLM 38 |
|---|

LED Specialty

| |
|---|
|  Tatra AL10 41 |
|---|

LED Strip

| | |
|---|---|
|  LED Hard Strip 43 |  LED Soft Strip 45 |
|---|---|

LED Lamp /

MR16 Dimmable

Brand new LED MR16 Performance Leadership produces virtually the same light output of a 35W/50W halogen with leading LED technology. Standard IEC size makes it easy to retrofit.

Product Features

- High Lumen output with 520lm max, far above market average LED MR16 products
- Optional narrow beam optical design delivers super high CBCP as 3500cd max for spot lighting effect
- Both lumen output and CBCP virtually equivalent to 35W/50W
- High power factor above 0.9
- 80% energy saving compared with halogen
- Long life time with high reliability, minimize maintenance cost
- Standard IEC size and lamp base, compatible with halogen transformer
- Dimmable with trailing and leading edge dimmer

Technical Specifications

- Average Lifetime: 25,000hrs
- Color Temperature: 2700K/3000K/4000K
- CRI: >80

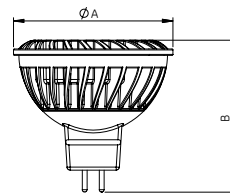
Application

- Hotel
- Café and Restaurant
- Retail
- Household



Dimensions

Unit: mm



| A | B |
|----------|----------|
| Dmax(mm) | Lmax(mm) |
| 50 | 47.7 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output (lm) | Power (w) | PF | CBCP(cd) | Beam Angle | CCT(K) | CRI | Lifetime (L70) | Dim ming | Dim Range |
|-------|---------------------|------------------|-----------|-------------------|-----------|------|----------|------------|--------|-----|----------------|----------|-----------|
| 70352 | LED7DMR16D/827/15 | 12 VAC/VDC | GU5.3 | 390 | 7 | 0.85 | 3500 | 15 | 2700 | 83 | 25,000 | Yes | 20%-100% |
| 70353 | LED7DMR16D/827/25 | 12 VAC/VDC | GU5.3 | 390 | 7 | 0.85 | 1800 | 25 | 2700 | 83 | 25,000 | Yes | 20%-100% |
| 70355 | LED7DMR16D/827/35 | 12 VAC/VDC | GU5.3 | 390 | 7 | 0.85 | 1000 | 35 | 2700 | 83 | 25,000 | Yes | 20%-100% |
| 70356 | LED7DMR16D/830/15 | 12 VAC/VDC | GU5.3 | 440 | 7 | 0.85 | 3700 | 15 | 3000 | 83 | 25,000 | Yes | 20%-100% |
| 70357 | LED7DMR16D/830/25 | 12 VAC/VDC | GU5.3 | 440 | 7 | 0.85 | 1900 | 25 | 3000 | 83 | 25,000 | Yes | 20%-100% |
| 70358 | LED7DMR16D/830/35 | 12 VAC/VDC | GU5.3 | 440 | 7 | 0.85 | 1100 | 35 | 3000 | 83 | 25,000 | Yes | 20%-100% |
| 70359 | LED7DMR16D/840/15 | 12 VAC/VDC | GU5.3 | 480 | 7 | 0.85 | 4000 | 15 | 4000 | 83 | 25,000 | Yes | 20%-100% |
| 70360 | LED7DMR16D/840/25 | 12 VAC/VDC | GU5.3 | 480 | 7 | 0.85 | 2100 | 25 | 4000 | 83 | 25,000 | Yes | 20%-100% |
| 70361 | LED7DMR16D/840/35 | 12 VAC/VDC | GU5.3 | 480 | 7 | 0.85 | 1200 | 35 | 4000 | 83 | 25,000 | Yes | 20%-100% |
| 70362 | LED7XDMR16D/827/25 | 12 VAC/VDC | GU5.3 | 480 | 7 | 0.9 | 2400 | 25 | 2700 | 80 | 25,000 | Yes | 20%-100% |
| 70363 | LED7XDMR16D/827/35 | 12 VAC/VDC | GU5.3 | 480 | 7 | 0.9 | 1400 | 35 | 2700 | 80 | 25,000 | Yes | 20%-100% |
| 70364 | LED7XDMR16D/830/25 | 12 VAC/VDC | GU5.3 | 500 | 7 | 0.9 | 2500 | 25 | 3000 | 82 | 25,000 | Yes | 20%-100% |
| 70365 | LED7XDMR16D/830/35 | 12 VAC/VDC | GU5.3 | 500 | 7 | 0.9 | 1500 | 35 | 3000 | 82 | 25,000 | Yes | 20%-100% |
| 70367 | LED7XDMR16D/840/25 | 12 VAC/VDC | GU5.3 | 520 | 7 | 0.9 | 2700 | 25 | 4000 | 83 | 25,000 | Yes | 20%-100% |
| 70368 | LED7XDMR16D/840/35 | 12 VAC/VDC | GU5.3 | 520 | 7 | 0.9 | 1600 | 35 | 4000 | 83 | 25,000 | Yes | 20%-100% |

LED Lamp

Remote MR 16 Dimmable

Innovative Remote MR 16 system features with independent driver with much better dimming performance. Remote MR 16 system fundamentally minimizes the possibility of non-compatibility between dimmer, electronic transformer and LED.

Product Features

- Independent drive optimize dimming performance with dimmer and transformer
- Smart design of independent driver minimizes the heat on LED chips to improve reliability and lifetime.
- System offering of lamp and driver
- Optional narrow beam optical design delivers super high CBCP as 4800cd max for spot lighting effect
- High power factor above 0.9
- 80% energy saving compared with halogen
- Long life time with high reliability, minimize maintenance cost
- Standard IEC size and lamp base, compatible with halogen transformer
- Dimmable with trailing and leading edge dimmer

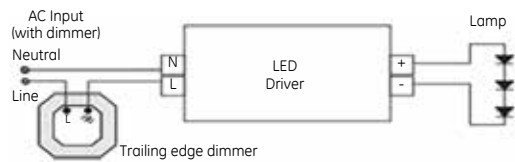
Technical Specifications

- Average Lifetime: 25,000hrs
- Color Temperature: 2700K/3000K/4000K
- CRI: >80

Application

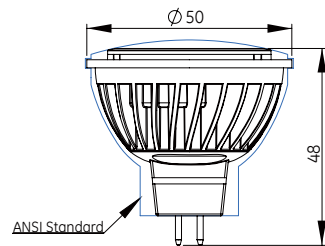
- Hotel
- Café and Restaurant
- Retail
- Household

Installation



Dimensions

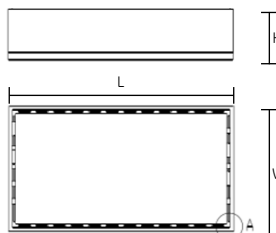
Unit: mm



| A | B |
|----------|----------|
| Dmax(mm) | Lmax(mm) |
| 50 | 48 |

Driver Dimensions

Unit: mm



| L mm | W mm | H mm |
|------|------|------|
| 64 | 35.5 | 20.9 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output (lm) | Power (w) | PF | CBCP(cd) | Beam Angle | CCT(K) | CRI | Lifetime (L70) | Dim ming | Dim Range |
|-------|-----------------------|------------------|-----------|-------------------|-----------|------|----------|------------|--------|-----|----------------|----------|-----------|
| 94775 | LED7DMR16/827/15-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 3300 | 15 | 2700 | 80 | 25,000 | Yes | 10%-100% |
| 94776 | LED7DMR16/827/25-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 1500 | 25 | 2700 | 80 | 25,000 | Yes | 10%-100% |
| 94777 | LED7DMR16/827/35-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 850 | 35 | 2700 | 80 | 25,000 | Yes | 10%-100% |
| 94778 | LED7DMR16/830/15-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 3300 | 15 | 3000 | 80 | 25,000 | Yes | 10%-100% |
| 94779 | LED7DMR16/830/25-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 1500 | 25 | 3000 | 80 | 25,000 | Yes | 10%-100% |
| 94780 | LED7DMR16/830/35-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 850 | 35 | 3000 | 80 | 25,000 | Yes | 10%-100% |
| 94781 | LED7DMR16/840/15-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 3300 | 15 | 4000 | 80 | 25,000 | Yes | 10%-100% |
| 94782 | LED7DMR16/840/25-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 1500 | 25 | 4000 | 80 | 25,000 | Yes | 10%-100% |
| 94783 | LED7DMR16/840/35-R-EN | 220V-240V AC | GU5.3 | 380 | 7 | 0.85 | 850 | 35 | 4000 | 80 | 25,000 | Yes | 10%-100% |
| 94784 | LED9DMR16/827/15-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 4800 | 15 | 2700 | 80 | 25,000 | Yes | 10%-100% |
| 94785 | LED9DMR16/827/25-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 2300 | 25 | 2700 | 80 | 25,000 | Yes | 10%-100% |
| 94786 | LED9DMR16/827/35-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 1300 | 35 | 2700 | 80 | 25,000 | Yes | 10%-100% |
| 94787 | LED9DMR16/830/15-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 4800 | 15 | 3000 | 80 | 25,000 | Yes | 10%-100% |
| 94788 | LED9DMR16/830/25-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 2300 | 25 | 3000 | 80 | 25,000 | Yes | 10%-100% |
| 94789 | LED9DMR16/830/35-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 1300 | 35 | 3000 | 80 | 25,000 | Yes | 10%-100% |
| 94790 | LED9DMR16/840/15-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 4800 | 15 | 4000 | 80 | 25,000 | Yes | 10%-100% |
| 94791 | LED9DMR16/840/25-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 2300 | 25 | 4000 | 80 | 25,000 | Yes | 10%-100% |
| 94792 | LED9DMR16/840/35-R-EN | 220V-240V AC | GU5.3 | 480 | 9 | 0.9 | 1300 | 35 | 4000 | 80 | 25,000 | Yes | 10%-100% |

LED Lamp

MR 16 Non-Dimmable

Brand new LED MR16 produces virtually the same light output of a 35W/50W halogen with leading LED technology. Standard IEC size makes it easy to retrofit.

Product Features

- High Lumen output with 400lm max, above market average equivalent LED MR16 products
- Both lumen output and CBCP virtually equivalent to 35W/50W
- High power factor above 0.9
- 80% energy saving compared with halogen
- Long life time with high reliability, minimize maintenance cost
- Standard IEC size and lamp base, compatible with halogen transformer
- Fixed light output

Technical Specifications

- Average Lifetime: 25,000hrs
- Color Temperature: 2700K/3000K/4000K
- CRI: >80

Application

- Hotel
- Café and Restaurant
- Retail
- Household

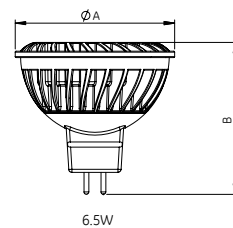
Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output (lm) | Power (w) | PF | CBCP(cd) | Beam Angle | CCT(K) | CRI | Lifetime (L70) | Dim ming |
|-------|------------------------|------------------|-----------|-------------------|-----------|------|----------|------------|--------|-----|----------------|----------|
| 68035 | LED6.5/MR16/827/25D/BX | 12 VAC/VDC | GU5.3 | 380 | 6.5 | 0.85 | 1600 | 25 | 2700 | 80 | 25,000 | No |
| 68036 | LED6.5/MR16/827/35D/BX | 12 VAC/VDC | GU5.3 | 380 | 6.5 | 0.85 | 800 | 35 | 2700 | 80 | 25,000 | No |
| 68159 | LED6.5/MR16/830/25D/BX | 12 VAC/VDC | GU5.3 | 390 | 6.5 | 0.85 | 1600 | 25 | 3000 | 80 | 25,000 | No |
| 69316 | LED6.5/MR16/830/35D/BX | 12 VAC/VDC | GU5.3 | 390 | 6.5 | 0.85 | 800 | 35 | 3000 | 80 | 25,000 | No |
| 69612 | LED6.5/MR16/840/25D/BX | 12 VAC/VDC | GU5.3 | 400 | 6.5 | 0.85 | 1600 | 25 | 4000 | 80 | 25,000 | No |
| 63264 | LED6.5/MR16/840/35D/BX | 12 VAC/VDC | GU5.3 | 400 | 6.5 | 0.85 | 800 | 35 | 4000 | 80 | 25,000 | No |



Dimensions

Unit: mm



| A | B |
|----------|----------|
| Dmax(mm) | Lmax(mm) |
| 50 | 48 |

LED T8 Tube GEN II Premium

GE LED Tube Gen 2 Premium Range delivers super long life time with high efficiency. Meanwhile, by providing GE LED dummy igniter, it facilitates the retrofit job to conventional lighting and can replace fluorescent tube driven by magnetic ballast in a very easy way.

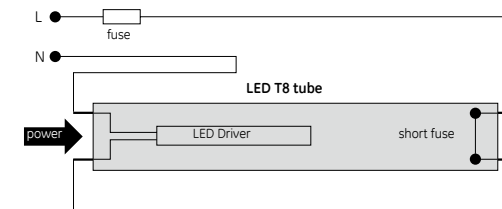
Product Features

- Long lifetime as 50,000hrs
- High reliability to minimize maintenance cost
- High efficiency up to 97lm/w
- Easy to retrofit with GE LED dummy igniter
- Compliance with safety stand and protection circuit
- Evenly distributed light
- No UV, environment friendly

Application

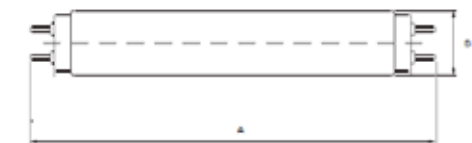
- Supermarket/Hypermarkt
- Indoor Parking Lot
- Warehouse
- Office

Installation

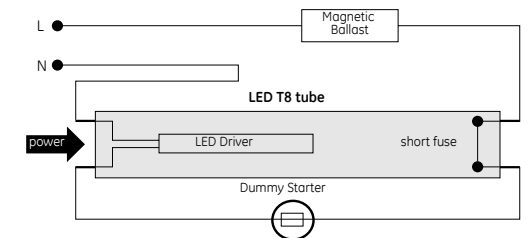


Dimensions

Unit: mm



| | A | B |
|---------|------|----|
| | mm | mm |
| 9W/12W | 600 | 28 |
| 18W/23W | 1200 | 28 |
| 27W | 1500 | 28 |



LED Lamp

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power (w) | PF | Lumen Output | Beam Angle | CCT(K) | CRI | Lifetime (hrs) | Dim ming | Package |
|-------|---------------------|------------------|-----------|-----------|------|--------------|------------|--------|-----|----------------|----------|-------------|
| 60682 | LED23T8I840AH/BK | 220-240 | G13 | 23 | >0.9 | 2150 | 130 | 4000 | 80 | 50,000 | No | Bulk |
| 60683 | LED23T8I865AH/BK | 220-240 | G13 | 23 | >0.9 | 2250 | 130 | 6500 | 80 | 50,000 | No | Bulk |
| 60673 | LED18T8I840AH/BK | 220-240 | G13 | 18 | >0.9 | 1550 | 130 | 4000 | 80 | 50,000 | No | Bulk |
| 60674 | LED18T8I865AH/BK | 220-240 | G13 | 18 | >0.9 | 1650 | 130 | 6500 | 80 | 50,000 | No | Bulk |
| 60684 | LED12T8I840AH/BK | 220-240 | G13 | 12 | >0.9 | 1050 | 130 | 4000 | 80 | 50,000 | No | Bulk |
| 60685 | LED12T8I865AH/BK | 220-240 | G13 | 12 | >0.9 | 1100 | 130 | 6500 | 80 | 50,000 | No | Bulk |
| 60677 | LED09T8I865AH/BK | 220-240 | G13 | 9 | >0.9 | 750 | 130 | 4000 | 80 | 50,000 | No | Bulk |
| 60676 | LED09T8I840AH/BK | 220-240 | G13 | 9 | >0.9 | 800 | 130 | 6500 | 80 | 50,000 | No | Bulk |
| 69347 | LED23T8I840AH/BX | 220-240 | G13 | 23 | >0.9 | 2150 | 130 | 4000 | 80 | 50,000 | No | Retail Pack |
| 69348 | LED23T8I865AH/BX | 220-240 | G13 | 23 | >0.9 | 2250 | 130 | 6500 | 80 | 50,000 | No | Retail Pack |
| 69336 | LED18T8I840AH/BX | 220-240 | G13 | 18 | >0.9 | 1550 | 130 | 4000 | 80 | 50,000 | No | Retail Pack |
| 69337 | LED18T8I865AH/BX | 220-240 | G13 | 18 | >0.9 | 1650 | 130 | 6500 | 80 | 50,000 | No | Retail Pack |
| 69349 | LED12T8I840AH/BX | 220-240 | G13 | 12 | >0.9 | 1050 | 130 | 4000 | 80 | 50,000 | No | Retail Pack |
| 69350 | LED12T8I865AH/BX | 220-240 | G13 | 12 | >0.9 | 1100 | 130 | 6500 | 80 | 50,000 | No | Retail Pack |
| 69338 | LED09T8I840AH/BX | 220-240 | G13 | 9 | >0.9 | 750 | 130 | 4000 | 80 | 40,000 | No | Retail Pack |
| 69339 | LED09T8I865AH/BX | 220-240 | G13 | 9 | >0.9 | 800 | 130 | 6500 | 80 | 40,000 | No | Retail Pack |

Accessory Ordering Information:

| | |
|-------|----------------|
| 69346 | LED T8 Igniter |
|-------|----------------|

LED T8 Tube GEN II Performance

Next to Premium Range, Performance Range will be more affordable products without compromising much on performance with high efficiency. It also offers 110V-240V option to accommodate fluctuation in application. Meanwhile, by providing GE LED dummy igniter, it facilitates the retrofit job to conventional lighting and can replace fluorescent tube driven by magnetic ballast in a very easy way.

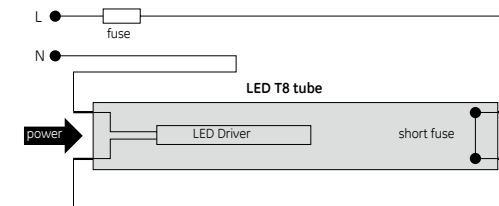
Product Features

- Input Voltage: 220-240V/110-240V
- Highest lumen package up to 3000lm
- Long lifetime as 40,000hrs
- High reliability to minimize maintenance cost
- High efficiency up to 97lm/w
- Easy to retrofit with GE LED dummy igniter
- Compliance with safety stand and protection circuit
- Evenly distributed light
- No UV, environment friendly

Application

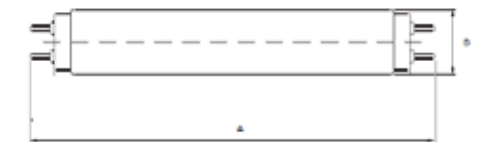
- Supermarket/Hypermarket
- Indoor Parking Lot
- Warehouse
- Office

Installation

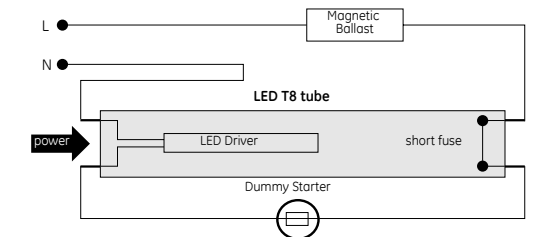


Dimensions

Unit: mm



| | A mm | B mm |
|---------|---------|---------|
| 9W/12W | 600 | 28 |
| 18W/23W | 1200 | 28 |



LED Lamp

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power (w) | PF | Lumen Output | Beam Angle (K) | CCT (K) | CRI | Lifetime (hrs) | Dim ming | Package |
|--------|---|------------------|-----------|-----------|------|--------------|----------------|---------|-----|----------------|----------|-------------|
| 70622E | LED 27/T8/840/220-240V/BX/EN/1500MM Perform | 220-240 | G13 | 27 | >0.9 | 3000 | 150 | 4000 | 80 | 40,000 | No | Retail Pack |
| 70959E | LED 27/T8/865/220-240V/BX/EN/1500MM Perform | 220-240 | G13 | 27 | >0.9 | 3000 | 150 | 6500 | 80 | 40,000 | No | Retail Pack |
| 16247E | LED23/T8/830/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 23 | >0.9 | 1850 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 16248E | LED23/T8/840/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 23 | >0.9 | 2050 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 16250E | LED23/T8/865/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 23 | >0.9 | 2050 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 16265E | LED12/T8/830/220-240V/BK/EN/600 MM Perform | 220-240 | G13 | 12 | >0.9 | 950 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 16268E | LED12/T8/840/220-240V/BK/EN/600 MM Perform | 220-240 | G13 | 12 | >0.9 | 1050 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 16269E | LED12/T8/865/220-240V/BK/EN/600 MM Perform | 220-240 | G13 | 12 | >0.9 | 1050 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 16270E | LED18/T8/830/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 18 | >0.9 | 1450 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 16273E | LED18/T8/840/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 18 | >0.9 | 1600 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 16274E | LED18/T8/865/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 18 | >0.9 | 1600 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 16276E | LED9/T8/830/220-240V/BK/EN/600 MM Perform | 220-240 | G13 | 9 | >0.9 | 700 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 16277E | LED9/T8/840/220-240V/BK/EN/600 MM Perform | 220-240 | G13 | 9 | >0.9 | 800 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 16279E | LED9/T8/865/220-240V/BK/EN/600 MM Perform | 220-240 | G13 | 9 | >0.9 | 800 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 30625E | LED23/T8/830/220-240V/BX/EN/1200 MM Perform | 220-240 | G13 | 23 | >0.9 | 1850 | 150 | 3000 | 80 | 40,000 | No | Retail Pack |
| 30647E | LED23/T8/840/220-240V/BX/EN/1200 MM Perform | 220-240 | G13 | 23 | >0.9 | 2050 | 150 | 4000 | 80 | 40,000 | No | Retail Pack |
| 30685E | LED23/T8/865/220-240V/BX/EN/1200 MM Perform | 220-240 | G13 | 23 | >0.9 | 2050 | 150 | 6500 | 80 | 40,000 | No | Retail Pack |
| 30335E | LED12/T8/830/220-240V/BX/EN/600 MM Perform | 220-240 | G13 | 12 | >0.9 | 950 | 150 | 3000 | 80 | 40,000 | No | Retail Pack |
| 30589E | LED12/T8/840/220-240V/BX/EN/600 MM Perform | 220-240 | G13 | 12 | >0.9 | 1050 | 150 | 4000 | 80 | 40,000 | No | Retail Pack |
| 30595E | LED12/T8/865/220-240V/BX/EN/600 MM Perform | 220-240 | G13 | 12 | >0.9 | 1050 | 150 | 6500 | 80 | 40,000 | No | Retail Pack |
| 30598E | LED18/T8/830/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 18 | >0.9 | 1450 | 150 | 3000 | 80 | 40,000 | No | Retail Pack |
| 30599E | LED18/T8/840/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 18 | >0.9 | 1600 | 150 | 4000 | 80 | 40,000 | No | Retail Pack |
| 30600E | LED18/T8/865/220-240V/BK/EN/1200 MM Perform | 220-240 | G13 | 18 | >0.9 | 1600 | 150 | 6500 | 80 | 40,000 | No | Retail Pack |
| 30076E | LED9/T8/830/220-240V/BX/EN/600 MM Perform | 220-240 | G13 | 9 | >0.9 | 700 | 150 | 3000 | 80 | 40,000 | No | Retail Pack |
| 30178E | LED9/T8/840/220-240V/BX/EN/600 MM Perform | 220-240 | G13 | 9 | >0.9 | 800 | 150 | 4000 | 80 | 40,000 | No | Retail Pack |
| 30328E | LED9/T8/865/220-240V/BX/EN/600 MM Perform | 220-240 | G13 | 9 | >0.9 | 800 | 150 | 6500 | 80 | 40,000 | No | Retail Pack |
| 28865 | LED23/T8/830/100-240V/BK Performance | 100-240 | G13 | 23 | >0.9 | 1850 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 28867 | LED23/T8/840/100-240V/BK Performance | 100-240 | G13 | 23 | >0.9 | 2050 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 29439 | LED23/T8/865/100-240V/BK Performance | 100-240 | G13 | 23 | >0.9 | 2050 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 28719 | LED12/T8/830/100-240V/BK Performance | 100-240 | G13 | 12 | >0.9 | 950 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 28845 | LED12/T8/840/100-240V/BK Performance | 100-240 | G13 | 12 | >0.9 | 1050 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 28847 | LED12/T8/865/100-240V/BK Performance | 100-240 | G13 | 12 | >0.9 | 1050 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 28862 | LED18/T8/830/100-240V/BK Performance | 100-240 | G13 | 18 | >0.9 | 1450 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 28863 | LED18/T8/840/100-240V/BK Performance | 100-240 | G13 | 18 | >0.9 | 1600 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 28864 | LED18/T8/865/100-240V/BK Performance | 100-240 | G13 | 18 | >0.9 | 1600 | 150 | 6500 | 80 | 40,000 | No | Bulk |
| 28332 | LED9/T8/830/100-240V/BK Performance | 100-240 | G13 | 9 | >0.9 | 700 | 150 | 3000 | 80 | 40,000 | No | Bulk |
| 28322 | LED9/T8/840/100-240V/BK Performance | 100-240 | G13 | 9 | >0.9 | 800 | 150 | 4000 | 80 | 40,000 | No | Bulk |
| 28148 | LED9/T8/865/100-240V/BK Performance | 100-240 | G13 | 9 | >0.9 | 800 | 150 | 6500 | 80 | 40,000 | No | Bulk |

Accessory Ordering Information:

| | |
|-------|----------------|
| 69346 | LED T8 Igniter |
|-------|----------------|

LED T8 Tube Gen 2 Basic

Basic range is a good enough range to offer a truly affordable LED tube to minimize end user's initial investment for energy saving retrofit.

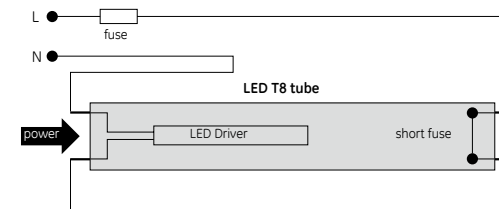
Product Features

- Long lifetime as 20,000hrs
- High reliability to minimize maintenance cost
- High efficiency up to 85lm/w
- Easy to retrofit with GE LED dummy igniter
- Compliance with safety stand and protection circuit
- Evenly distributed light
- No UV, environment friendly

Application

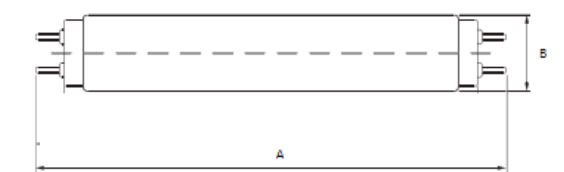
- Supermarket/Hypermarket
- Indoor Parking Lot
- Warehouse
- Office

Installation

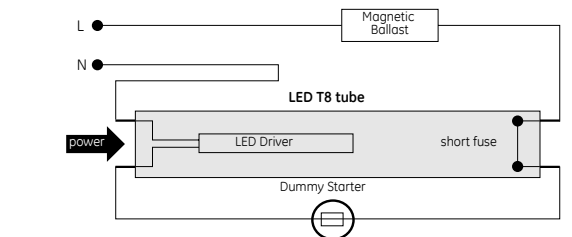


Dimensions

Unit: mm



| | A mm | B mm |
|-----|------|------|
| 7W | 600 | 28 |
| 14W | 1200 | 28 |



Technical Specification:

| SKU | Product Descriptionw | Input Voltage(V) | Lamp Base | Power (w) | PF | Lumen Output | Beam Angle | CCT (K) | CRI | Lifetime (hrs) |
|-------|--|------------------|-----------|-----------|-------|--------------|------------|---------|-----|----------------|
| 11829 | LED14/T8/830/220-240V/BX/EN/1200MM Basic | 220-240 | G13 | 14 | ≥ 0.4 | 1100 | 150 | 3000 | 80 | 20,000 |
| 11830 | LED14/T8/840/220-240V/BX/EN/1200MM Basic | 220-240 | G13 | 14 | ≥ 0.4 | 1200 | 150 | 4000 | 80 | 20,000 |
| 11838 | LED14/T8/865/220-240V/BX/EN/1200MM Basic | 220-240 | G13 | 14 | ≥ 0.4 | 1200 | 150 | 6500 | 80 | 20,000 |
| 11839 | LED7/T8/830/220-240V/BX/EN/600MM Basic | 220-240 | G13 | 7 | ≥ 0.4 | 550 | 150 | 3000 | 80 | 20,000 |
| 11840 | LED7/T8/840/220-240V/BX/EN/600MM Basic | 220-240 | G13 | 7 | ≥ 0.4 | 600 | 150 | 4000 | 80 | 20,000 |
| 11843 | LED7/T8/865/220-240V/BX/EN/600MM Basic | 220-240 | G13 | 7 | ≥ 0.4 | 600 | 150 | 6500 | 80 | 20,000 |

Accessory Ordering Information:

| | |
|-------|----------------|
| 69346 | LED T8 Igniter |
|-------|----------------|

LED Lamp

LED BULB GEN II

NEW LED Bulb GEN 2, featured with fascinating ID design replicating incandescent bulb, will deliver an extremely cozy and refreshing lighting experience at your home in a green way. Thanks to the leading LED technology, LED bulb GEN 2 can save up to approximately 85% electricity compared with conventional incandescent lamp with just an easy step of retrofit.

Product Features

- Classic ID design of a replicate to Incandescent
- Universal voltage input
- 180D Beam Angle, closer to conventional light source
- Compliance with IEC6241, no harm to eyes
- Soft warm light, less glare
- Energy saving up to 85% saving
- Up to 15 years life* for household use
- EC standard E27/B22 lamp base, easy retrofit

*Calculate as per 2.5 hours/day

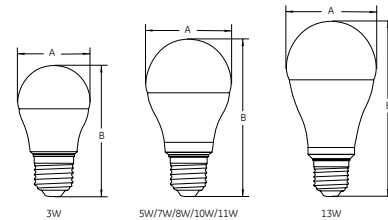
Application

- Household
- Restaurant
- Hospitality



Dimensions

Unit: mm



| wattage (W) | A (mm) | B (mm) |
|-------------|----------|-------------|
| 3W | 48.0 ± 1 | 88 ± 1.5 |
| 5W | 60 ± 1 | 108.5 ± 1.5 |
| 7W | 60 ± 1 | 108.5 ± 1.5 |
| 8W | 60 ± 1 | 108.5 ± 1.5 |
| 10W | 60 ± 1 | 108.5 ± 1.5 |
| 11W | 60 ± 1 | 108.5 ± 1.5 |
| 13W | 67 ± 1 | 131.5 ± 1.5 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power (w) | PF | Lumen Output (lm/w) | Efficiency | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dimming |
|-------|----------------------------------|------------------|-----------|-----------|-----|---------------------|------------|------------|---------|-----|----------------|---------|
| 11259 | LED3/A48/827/100-240V/E27/BX G2 | 100-240 | E27 | 3 | 0.3 | 170 | 57 | 170 | 2700 | 80 | 15000 | No |
| 95983 | LED3/A48/830/100-240V/E27/BX G2 | 100-240 | E27 | 3 | 0.3 | 170 | 57 | 170 | 3000 | 80 | 15000 | No |
| 95984 | LED3/A48/865/100-240V/E27/BX G2 | 100-240 | E27 | 3 | 0.3 | 200 | 67 | 170 | 6500 | 80 | 15000 | No |
| 11260 | LED5/A60/827/100-240V/E27/BX G2 | 100-240 | E27 | 5 | 0.7 | 350 | 70 | 180 | 2700 | 80 | 15000 | No |
| 95993 | LED5/A60/830/100-240V/E27/BX G2 | 100-240 | E27 | 5 | 0.7 | 350 | 70 | 180 | 3000 | 80 | 15000 | No |
| 95999 | LED5/A60/865/100-240V/E27/BX G2 | 100-240 | E27 | 5 | 0.7 | 400 | 80 | 180 | 6500 | 80 | 15000 | No |
| 11261 | LED8/A60/827/100-240V/E27/BX G2 | 100-240 | E27 | 8 | 0.9 | 600 | 75 | 180 | 2700 | 80 | 15000 | No |
| 96000 | LED8/A60/830/100-240V/E27/BX G2 | 100-240 | E27 | 8 | 0.9 | 600 | 75 | 180 | 3000 | 80 | 15000 | No |
| 96415 | LED7/A60/865/100-240V/E27/BX G2 | 100-240 | E27 | 7 | 0.9 | 600 | 86 | 180 | 6500 | 80 | 15000 | No |
| 11262 | LED11/A60/827/100-240V/E27/BX G2 | 100-240 | E27 | 11 | 0.9 | 806 | 73 | 180 | 2700 | 80 | 15000 | No |
| 96416 | LED11/A60/830/100-240V/E27/BX G2 | 100-240 | E27 | 11 | 0.9 | 806 | 73 | 180 | 3000 | 80 | 15000 | No |
| 96422 | LED10/A60/865/100-240V/E27/BX G2 | 100-240 | E27 | 10 | 0.9 | 806 | 81 | 180 | 6500 | 80 | 15000 | No |
| 11263 | LED13/A67/827/100-240V/E27/BX G2 | 100-240 | E27 | 13 | 0.9 | 1055 | 81 | 180 | 2700 | 80 | 15000 | No |
| 96423 | LED13/A67/830/100-240V/E27/BX G2 | 100-240 | E27 | 13 | 0.9 | 1055 | 81 | 180 | 3000 | 80 | 15000 | No |
| 96424 | LED13/A67/865/100-240V/E27/BX G2 | 100-240 | E27 | 13 | 0.9 | 1055 | 81 | 180 | 6500 | 80 | 15000 | No |
| 24941 | LED3/A48/827/100-240V/B22/BX G2 | 100-240 | B22 | 3 | 0.3 | 170 | 57 | 180 | 2700 | 80 | 15000 | No |
| 24944 | LED3/A48/830/100-240V/B22/BX G2 | 100-240 | B22 | 3 | 0.3 | 170 | 57 | 180 | 3000 | 80 | 15000 | No |
| 24950 | LED5/A60/827/100-240V/B22/BX G2 | 100-240 | B22 | 5 | 0.7 | 350 | 70 | 180 | 2700 | 80 | 15000 | No |
| 24951 | LED5/A60/830/100-240V/B22/BX G2 | 100-240 | B22 | 5 | 0.7 | 350 | 70 | 180 | 3000 | 80 | 15000 | No |
| 24953 | LED8/A60/827/100-240V/B22/BX G2 | 100-240 | B22 | 8 | 0.9 | 600 | 75 | 180 | 2700 | 80 | 15000 | No |
| 11506 | LED8/A60/830/100-240V/B22/BX G2 | 100-240 | B22 | 8 | 0.9 | 600 | 75 | 180 | 3000 | 80 | 15000 | No |
| 25478 | LED11/A60/827/100-240V/B22/BX G2 | 100-240 | B22 | 11 | 0.9 | 806 | 73 | 180 | 2700 | 80 | 15000 | No |
| 26887 | LED11/A60/830/100-240V/B22/BX G2 | 100-240 | B22 | 11 | 0.9 | 806 | 73 | 180 | 3000 | 80 | 15000 | No |
| 27208 | LED13/A67/827/100-240V/B22/BX G2 | 100-240 | B22 | 13 | 0.9 | 1055 | 81 | 180 | 2700 | 80 | 15000 | No |
| 27974 | LED13/A67/830/100-240V/B22/BX G2 | 100-240 | B22 | 13 | 0.9 | 1055 | 81 | 180 | 3000 | 80 | 15000 | No |

LED Lamp

LED Bulb Omni

New Omni bulb, blessed with GE patented industrial design and leading optical technology, outstands from market average and delivers up to 270D beam angle. Omni is a perfect LED replicate of incandescent bulb lighting. Sophisticated industrial design with a touch of latest high-tech LED, is definitely meant to be modern household, villas, luxury hotel and design restaurant with premium taste in design.

Product Features

- 270D super wide beam angle, leave nearly no shadowing
- Unique ID maximize heat spreading and distribute light in a softer way without compromise on appealing of sophisticated design
- Reduced glare by ID design
- Universal voltage to accommodate different applications

*Calculate as per 2.5 hours/day

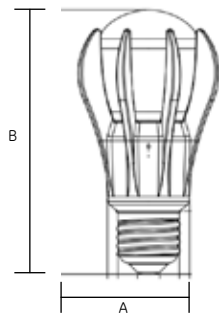
Application

- Household
- Restaurant
- Hospitality



Dimensions

Unit: mm



| A (mm) | H (mm) |
|--------|--------|
| 61 | 110 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power (w) | PF | Lumen Output (lm/w) | Efficiency | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|-------|----------------------------------|------------------|-----------|-----------|-----|---------------------|------------|------------|---------|-----|----------------|----------|
| 33852 | LED9W/A19 Omni/830/100-240V/E27 | 100-240 | E27 | 8.5 | 0.9 | 600 | 71 | 270 | 3000 | 80 | 25000 | No |
| 33859 | LED9W/A19 Omni/850/100-240V/E27 | 100-240 | E27 | 8.5 | 0.9 | 800 | 94 | 270 | 5000 | 80 | 25000 | No |
| 33860 | LED12W/A19 Omni/830/100-240V/E27 | 100-240 | E27 | 10.5 | 0.9 | 800 | 76 | 270 | 3000 | 80 | 25000 | No |
| 33861 | LED12W/A19 Omni/850/100-240V/E27 | 100-240 | E27 | 10.5 | 0.9 | 1000 | 95 | 270 | 5000 | 80 | 25000 | No |
| 33862 | LED13W/A19 Omni/830/100-240V/E27 | 100-240 | E27 | 13 | 0.9 | 1000 | 77 | 270 | 3000 | 80 | 25000 | No |
| 33864 | LED13W/A19 Omni/850/100-240V/E27 | 100-240 | E27 | 13 | 0.9 | 1100 | 92 | 270 | 5000 | 80 | 25000 | No |

LED Bulb Dimmable

LED Semi-Omni dimmable bulb replace the traditional incandescent lamps 40W/60W and complies with ENERGYSTAR's standard

Product Features

- Dimmable with leading/trailing edge dimmer
- 210D Wide Beam Angle
- Complies with Energy Star standard
- Complies EU A energy level

*Calculate as per 2.5 hours/day

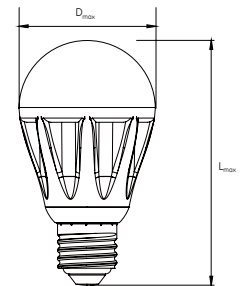
Application

- Household
- Restaurant
- Hospitality



Dimensions

Unit: mm



| D _{max} (mm) | L _{max} (mm) |
|-----------------------|-----------------------|
| 69 | 110 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power (w) | PF | Lumen Output (lm/w) | Efficiency | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|-------|---------------------------------|------------------|-----------|-----------|-----|---------------------|------------|------------|---------|-----|----------------|----------|
| 69340 | LED12W/A19/827/220-240V/E27/DIM | 220-240 | E27 | 12 | 0.7 | 810 | 68 | 210 | 2700 | 80 | 15000 | YES |
| 69341 | LED12W/A19/865/220-240V/E27/DIM | 220-240 | E27 | 12 | 0.7 | 850 | 71 | 210 | 6500 | 80 | 15000 | YES |
| 69344 | LED12W/A19/827/220-240V/B22/DIM | 220-240 | B22 | 12 | 0.7 | 810 | 68 | 210 | 2700 | 80 | 15000 | YES |
| 69342 | LED8W/A19/827/220-240V/E27/DIM | 220-240 | E27 | 8 | 0.7 | 470 | 59 | 210 | 2700 | 80 | 25000 | YES |
| 69343 | LED8W/A19/865/220-240V/E27/DIM | 220-240 | E27 | 8 | 0.7 | 500 | 63 | 210 | 6500 | 80 | 25000 | YES |
| 69345 | LED8W/A19/827/220-240V/B22/DIM | 220-240 | B22 | 8 | 0.7 | 470 | 59 | 210 | 2700 | 80 | 25000 | YES |

LED Lamp

Candle and Deco Lamp

GE's LED Energy Smart LED Decorative Lamp-like sparkling and diffuse light effects with only 2W of energy consumption and 15,000 hrs lifetime, making them ideal for general and decorative lighting in home and hospitality applications.

Product Features

- No Mercury, RoHS standard
- Clear/Diffused finishes
- Life 15,000hrs/20,000hrs
- CRI > 80

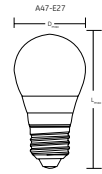
Application

- Decorative lighting in hotel, restaurant
- retailing shop etc



Dimensions

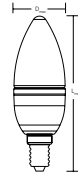
Unit: mm



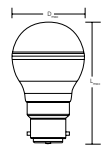
| type | L _{max} (mm) | D _{max} (mm) |
|---------|--------------------------|--------------------------|
| A47-E27 | 88.5 ± 3 | Ø47 ± 1 |



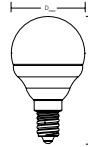
| type | L _{max} (mm) | D _{max} (mm) |
|---------|--------------------------|--------------------------|
| B35-E14 | 101 ± 3 | Ø35 ± 1 |



| type | L _{max} (mm) | D _{max} (mm) |
|--------|--------------------------|--------------------------|
| B35 4W | 108 ± 1.5 | Ø35.5 ± 0.5 |



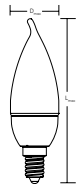
| type | L _{max} (mm) | D _{max} (mm) |
|--------|--------------------------|--------------------------|
| P45 4W | 75.7 ± 0.5 | Ø45 ± 0.2 |



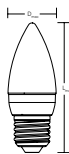
| type | L _{max} (mm) | D _{max} (mm) |
|---------|--------------------------|--------------------------|
| P45-E14 | 77 ± 3 | Ø45 ± 1 |



| type | L _{max} (mm) | D _{max} (mm) |
|---------|--------------------------|--------------------------|
| G80-E27 | 109.5 ± 3 | Ø80 ± 1 |



| type | L _{max} (mm) | D _{max} 直径 (mm) |
|-----------|--------------------------|-----------------------------|
| B35BT-E14 | 121 ± 3 | Ø35 ± 1 |



| type | L _{max} (mm) | D _{max} (mm) |
|---------|--------------------------|--------------------------|
| B35-E27 | 99.5 ± 3 | Ø35 ± 1 |



| type | L _{max} (mm) | D _{max} (mm) |
|---------|--------------------------|--------------------------|
| P45-E27 | 71 ± 3 | Ø45 ± 1 |

Technical Specification:

| | SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen output(Lm) | Power (w) | Bulb | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|--------|-------|--------------------------------------|------------------|-----------|------------------|-----------|----------|---------|-----|----------------|----------|
| A47 | 78759 | LED 2/A47/829/220-240V/E27/C BX 1/6 | 220-240 | E27 | 60 | 2 | CLEAR | 2900 | 82 | 15000 | No |
| | 78760 | LED 2/A47/829/220-240V/E27/D BX 1/6 | 220-240 | E27 | 60 | 2 | Diffused | 2900 | 82 | 15000 | No |
| | 78763 | LED 2/P45/829/220-240V/E27/C BX 1/6 | 220-240 | E27 | 60 | 2 | CLEAR | 2900 | 82 | 15000 | No |
| | 78764 | LED 2/P45/829/220-240V/E27/D BX 1/6 | 220-240 | E27 | 60 | 2 | Diffused | 2900 | 82 | 15000 | No |
| P45 | 78767 | LED 2/P45/829/220-240V/E14/C BX 1/6 | 220-240 | E14 | 60 | 2 | CLEAR | 2900 | 82 | 15000 | No |
| | 78768 | LED 2/P45/829/220-240V/E14/D BX 1/6 | 220-240 | E14 | 60 | 2 | Diffused | 2900 | 82 | 15000 | No |
| Candle | 68130 | LED4.5D/P45/827/E14/220-240V/W | 220-240 | E14 | 250 | 4.5 | Diffused | 2700 | 80 | 20000 | YES |
| | 78771 | LED 2/B35/829/220-240V/E27/C BX 1/6 | 220-240 | E27 | 60 | 2 | CLEAR | 2900 | 82 | 15000 | No |
| | 78772 | LED 2/B35/829/220-240V/E27/D BX 1/6 | 220-240 | E27 | 60 | 2 | Diffused | 2900 | 82 | 15000 | No |
| | 78775 | LED 2/B35/829/220-240V/E14/C BX 1/6 | 220-240 | E14 | 60 | 2 | CLEAR | 2900 | 82 | 15000 | No |
| | 78776 | LED 2/B35/829/220-240V/E14/D BX 1/6 | 220-240 | E14 | 60 | 2 | Diffused | 2900 | 82 | 15000 | No |
| | 68123 | LED4.5D/B35/827/E14/220-240V/C | 220-240 | E14 | 250 | 4.5 | CLEAR | 2700 | 80 | 20000 | YES |
| | 68124 | LED4.5D/B35BT/827/E27/220-240V/W | 220-240 | E27 | 250 | 4.5 | Diffused | 2700 | 80 | 20000 | YES |
| G80 | 78769 | LED2.5/G80/829/220-240V/E27/D BX 1/6 | 220-240 | E27 | 80 | 2 | CLEAR | 2900 | 82 | 15000 | No |
| | 68132 | LED4.5D/G80/827/E27/220-240V/W | 220-240 | E27 | 250 | 4.5 | Diffused | 2700 | 80 | 20000 | YES |

LED Lamp

Globe Deco G110

New Globe Deco G110 lam, featuring with special soft lighting with a design of simplicity, illuminating indoor space while easily blended into indoor decoration with aesthetic taste. As an amazing functional and decorative lamp for indoor, it serves good for retrofit lamp in pendants, suspends.

Product Features

- Design of simplicity
- Super lighting surface of globe and softer light
- Functional & Decorative

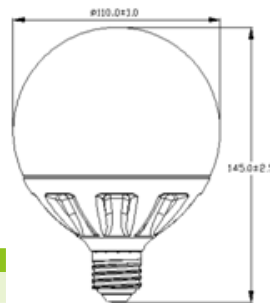
Application

- Restaurant
- Café
- Hospitality



Dimensions

Unit: mm



| D (mm) | H (mm) |
|--------|--------|
| 110 | 145 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output(Lm) | Power (W) | CCT(K) | CRI | Lifetime(Hrs) | Dimming |
|-------|------------------------------|------------------|-----------|------------------|-----------|--------|-----|---------------|---------|
| 13422 | LED6W/G110//830/200~240V/E27 | 200~240V | E27 | 400 | 6 | 3000 | >80 | 15,000 | NO |
| 13424 | LED6W/G110//865/200~240V/E27 | 200~240V | E27 | 500 | 6 | 6500 | >80 | 15,000 | NO |
| 13430 | LED11W/G110/830/200~240V/E27 | 200~240V | E27 | 900 | 11 | 3000 | >80 | 15,000 | NO |
| 13439 | LED11W/G110/865/200~240V/E27 | 200~240V | E27 | 1000 | 11 | 6500 | >80 | 15,000 | NO |

PAR20/30/38 Universal Voltage Non-Dimming

New PAR lamp is ideal for applications, which need high flux intensity. It's suitable for small flood light and downlight, especially in hotel, mall and supermarket etc. Combined with 25,000hrs rated lifetime and reduced energy consumption up to 80%.

Product Features

- Universal Voltage
- Similar lighting intensity distribution and beam angle as 75W PAR30. Up to 80% energy saving
- Standard IEC dimension, easy for installation
- UV and IR radiation can be avoided

Application

- Hotel/Restaurant/Supermarket
- Retail
- Outdoor architectural/spot

Dimensions

Unit: mm



| A (mm) | B (mm) |
|--------|--------|
| 73 | 89 |

| A(mm) | B(mm) |
|-------|-------|
| 95 | 90 |

| A(mm) | B(mm) |
|-------|-------|
| 135 | 135 |



LED Lamp

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output(lm) | Power (w) | PF | CBCP (cd) | Equivalent | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|-------|---------------------|------------------|-----------|------------------|-----------|-------|-----------|------------|------------|---------|-----|----------------|----------|
| 33870 | LED7P20W/827/20 | 90-240 | E27 | 500 | 7 | ≥ 0.9 | 3800 | 75 | 20 | 2700K | 84 | 25,000 | No |
| 33872 | LED7P20W/827/35 | 90-240 | E27 | 500 | 7 | ≥ 0.9 | 1100 | 65 | 35 | 2700K | 84 | 25,000 | No |
| 33876 | LED7P20W/830/20 | 90-240 | E27 | 550 | 7 | ≥ 0.9 | 4000 | 75 | 20 | 3000K | 84 | 25,000 | No |
| 33880 | LED7P20W/830/35 | 90-240 | E27 | 550 | 7 | ≥ 0.9 | 1200 | 65 | 35 | 3000K | 84 | 25,000 | No |
| 33883 | LED12P30W/827/20 | 90-240 | E27 | 900 | 12 | ≥ 0.9 | 7500 | 95 | 20 | 2700K | 84 | 25,000 | No |
| 33886 | LED12P30W/827/35 | 90-240 | E27 | 900 | 12 | ≥ 0.9 | 2500 | 90 | 35 | 2700K | 84 | 25,000 | No |
| 33892 | LED12P30W/830/20 | 90-240 | E27 | 1000 | 12 | ≥ 0.9 | 7800 | 95 | 20 | 3000K | 84 | 25,000 | No |
| 33895 | LED12P30W/830/35 | 90-240 | E27 | 1000 | 12 | ≥ 0.9 | 2700 | 90 | 35 | 3000K | 84 | 25,000 | No |
| 33897 | LED12P38W/827/25 | 90-240 | E27 | 900 | 12 | ≥ 0.9 | 4000 | 90 | 25 | 2700K | 84 | 25,000 | No |
| 33898 | LED12P38W/827/35 | 90-240 | E27 | 900 | 12 | ≥ 0.9 | 2700 | 95 | 35 | 2700K | 84 | 25,000 | No |
| 33899 | LED12P38W/830/25 | 90-240 | E27 | 1000 | 12 | ≥ 0.9 | 4400 | 90 | 25 | 3000K | 84 | 25,000 | No |
| 33900 | LED12P38W/830/35 | 90-240 | E27 | 1000 | 12 | ≥ 0.9 | 2700 | 95 | 35 | 3000K | 84 | 25,000 | No |
| 33901 | LED18P38W/827/25 | 90-240 | E27 | 1300 | 18 | ≥ 0.9 | 7000 | 120 | 25 | 2700K | 84 | 25,000 | No |
| 33902 | LED18P38W/827/40 | 90-240 | E27 | 1300 | 18 | ≥ 0.9 | 2700 | 115 | 40 | 2700K | 84 | 25,000 | No |
| 33903 | LED18P38W/830/25 | 90-240 | E27 | 1400 | 18 | ≥ 0.9 | 7600 | 125 | 25 | 3000K | 84 | 25,000 | No |
| 33904 | LED18P38W/830/40 | 90-240 | E27 | 1400 | 18 | ≥ 0.9 | 3000 | 120 | 40 | 3000K | 84 | 25,000 | No |
| 33905 | LED18P38W/865/40 | 90-240 | E27 | 1500 | 18 | ≥ 0.9 | 3300 | 130 | 40 | 6500K | 84 | 25,000 | No |

PAR 30 COB

PAR 30 COB is an ideal product for indoor retail lighting with better light color consistency and improved glare control.

Product Features

- COB LED technology with system advance reflector design offer better glare control
- COB technology increases color consistency against normal high power LED array
- Standard IEC size, easy retrofit
- No IR & UV

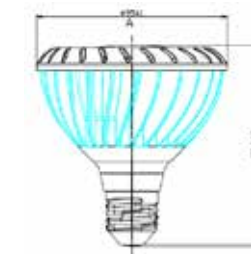
Application

- Retail
- Hospitality
- Commercial



Dimensions

Unit: mm



| D (mm) | H (mm) |
|--------|--------|
| 95 | 99 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output(lm) | Power (w) | CBCP (cd) | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|-------|-----------------------|------------------|-----------|------------------|-----------|-----------|------------|---------|-----|----------------|----------|
| 94913 | LED10PAR30 827/24/C | 220-240 | E27 | 800 | 10 | 2900 | 24 | 2700 | 80 | 25,000 | No |
| 94914 | LED10PAR30 827/36/C | 220-240 | E27 | 800 | 10 | 1700 | 36 | 2700 | 80 | 25,000 | No |
| 94916 | LED10PAR30 850/24/C | 220-240 | E27 | 800 | 10 | 2900 | 24 | 5000 | 80 | 25,000 | No |
| 94917 | LED10PAR30 850/36/C | 220-240 | E27 | 800 | 10 | 1700 | 36 | 5000 | 80 | 25,000 | No |
| 94918 | LED10PAR30 827/24/D | 220-240 | E27 | 700 | 10 | 2300 | 24 | 2700 | 80 | 25,000 | No |
| 94919 | LED10PAR30 827/36/D | 220-240 | E27 | 700 | 10 | 1500 | 36 | 2700 | 80 | 25,000 | No |
| 94920 | LED10PAR30 850/24/D | 220-240 | E27 | 700 | 10 | 2300 | 24 | 5000 | 80 | 25,000 | No |
| 94921 | LED10PAR30 850/36/D | 220-240 | E27 | 700 | 10 | 1500 | 36 | 5000 | 80 | 25,000 | No |
| 94922 | LED13.5PAR30 827/24/C | 220-240 | E27 | 1000 | 13.5 | 3800 | 24 | 2700 | 80 | 25,000 | No |
| 94923 | LED13.5PAR30 827/36/C | 220-240 | E27 | 1000 | 13.5 | 2400 | 36 | 2700 | 80 | 25,000 | No |
| 94924 | LED13.5PAR30 850/24/C | 220-240 | E27 | 1100 | 13.5 | 3800 | 24 | 5000 | 80 | 25,000 | No |
| 94926 | LED13.5PAR30 850/36/C | 220-240 | E27 | 1100 | 13.5 | 2400 | 36 | 5000 | 80 | 25,000 | No |

LED Lamp

PAR 30/38

PAR lamp is ideal for indoor/outdoor applications, which need high flux intensity. It's suitable for small flood light and downlight, especially in hotel, mall and supermarket etc. Combined with 25,000hrs rated lifetime and reduced energy consumption up to 80%.

Product Features

- Similar lighting intensity distribution and beam angle as 75W PAR30. Up to 80% energy saving
- Standard IEC dimension, easy for installation
- UV and IR radiation can be avoided

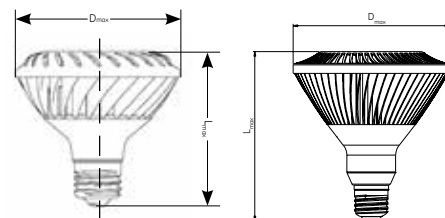
Application

- Hotel/Restaurant/Supermarket
- Commercial building
- Outdoor architectural/spot



Dimensions

Unit: mm



| type | L _{max} (mm) | D _{max} (mm) |
|-------|--------------------------|--------------------------|
| PAR30 | 96 | 93 |

| type | Base | L _{max} (mm) | D _{max} (mm) |
|-------|------|--------------------------|--------------------------|
| PAR38 | E26 | 133 | 121.5 |
| | E27 | 136 | 121.5 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output(lm) | Power (w) | CBCP (cd) | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|-------|--------------------------------|------------------|-----------|------------------|-----------|-----------|------------|---------|-----|----------------|----------|
| 63793 | LED10D/P30/827/220-240V/FL/BX | 220-240 | E27 | 450 | 10 | 3450 | 20 | 2700 | 80 | 25,000 | No |
| 63794 | LED10D/P30/827/220-240V/WFL/BX | 220-240 | E27 | 450 | 10 | 1100 | 35 | 2700 | 80 | 25,000 | No |
| 63795 | LED10D/P30/830/220-240V/FL/BX | 220-240 | E27 | 500 | 10 | 3720 | 20 | 3000 | 80 | 25,000 | No |
| 63796 | LED10D/P30/830/220-240V/WFL/BX | 220-240 | E27 | 500 | 10 | 1130 | 35 | 3000 | 80 | 25,000 | No |
| 63774 | LED20/P38/827/220-240V/FL/BX | 220-240 | E27 | 950 | 20 | 4000 | 25 | 2700 | 80 | 25,000 | No |
| 63775 | LED20/P38/827/220-240V/WFL/BX | 220-240 | E27 | 950 | 20 | 1600 | 40 | 2700 | 80 | 25,000 | No |
| 63776 | LED20/P38/830/220-240V/FL/BX | 220-240 | E27 | 1050 | 20 | 4500 | 25 | 3000 | 80 | 25,000 | No |
| 63777 | LED20/P38/830/220-240V/WFL/BX | 220-240 | E27 | 1050 | 20 | 1650 | 40 | 3000 | 80 | 25,000 | No |
| 63778 | LED20/P38/765/220-240V/FL/BX | 220-240 | E27 | 1200 | 20 | 5000 | 25 | 6500 | 70 | 25,000 | No |
| 63779 | LED20/P38/765/220-240V/WFL/BX | 220-240 | E27 | 1200 | 20 | 1700 | 40 | 6500 | 70 | 25,000 | No |

LED Lamp

GU10

The stillness at home, the elegance of a restaurant or the moderate lighting of an exhibition. New LED Small Spot Lamp offer substantial opportunities to reduce energy consumption and maintenance costs in applications where high quality spot light is required.

Product Features

- Efficient lighting, fully replace 35W/50W halogen
- More stable compared with Low voltage MR16. Higher system efficiency
- Less replacement to save maintenance cost
- Standard IEC size, standard lamp holder, compatible with electronic transformer
- GU10, E14, E27 cap to meet different applications
- Dimmable
- Average life: 25,000hrs
- Multiple color temperature: 2700K/3000K
- Color rendering index:>80

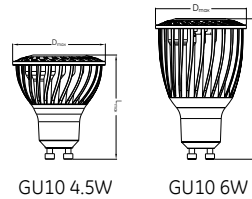
Applications

- Hospitality
- Restaurant
- Retail



Dimensions

Unit: mm



| type | L _{max} (mm) | D _{max} (mm) | weight (g) |
|-----------|--------------------------|--------------------------|---------------|
| GU10 4.5W | 56.5 | 50.2 | 70 |
| GU10 6W | 77.6 | 50.2 | 124 |

Technical Specification:

| SKU | Product Description | Input Voltage(V) | Lamp Base | Lumen Output(lm) | Power (w) | CBCP (cd) | Beam Angle | CCT (K) | CRI | Lifetime (hrs) | Dim ming |
|-------|------------------------------------|------------------|-----------|------------------|-----------|-----------|------------|---------|-----|----------------|----------|
| 63472 | LED4.5/GU10/827/220-240V/FL/BX | 220-240 | GU10 | 200 | 4.5 | 800 | 25 | 2700K | 80 | 25,000 | No |
| 63473 | LED4.5/GU10/827/220-240V/WFL/BX | 220-240 | GU10 | 200 | 4.5 | 400 | 35 | 2700K | 80 | 25,000 | No |
| 63474 | LED4.5/GU10/830/220-240V/FL/BX | 220-240 | GU10 | 200 | 4.5 | 800 | 25 | 3000K | 80 | 25,000 | No |
| 63475 | LED4.5/GU10/830/220-240V/WFL/BX | 220-240 | GU10 | 200 | 4.5 | 400 | 35 | 3000K | 80 | 25,000 | No |
| 63476 | LED4.5/R50/827/220-240V/WFL/E14/BX | 220-240 | GU10 | 200 | 4.5 | 400 | 35 | 2700K | 80 | 25,000 | No |
| 63477 | LED4.5/R50/830/220-240V/WFL/E14/BX | 220-240 | GU10 | 200 | 4.5 | 400 | 35 | 3000K | 80 | 25,000 | No |
| 63725 | LED6/GU10/830/220-240V/FL/BX | 220-240 | GU10 | 300 | 6 | 1200 | 25 | 3000K | 80 | 25,000 | No |
| 63726 | LED6/GU10/830/220-240V/WFL/BX | 220-240 | GU10 | 300 | 6 | 600 | 35 | 3000K | 80 | 25,000 | No |
| 63727 | LED6/GU10/827/220-240V/FL/BX | 220-240 | GU10 | 300 | 6 | 1200 | 25 | 2700K | 80 | 25,000 | No |
| 63728 | LED6/GU10/827/220-240V/WFL/BX | 220-240 | GU10 | 300 | 6 | 600 | 35 | 2700K | 80 | 25,000 | No |
| 62978 | LED4.5/P16/830/220-240V/FL/BX | 220-240 | E27 | 200 | 4.5 | 800 | 25 | 3000K | 80 | 25,000 | No |
| 62979 | LED4.5/P16/830/220-240V/WFL/BX | 220-240 | E27 | 200 | 4.5 | 400 | 35 | 3000K | 80 | 25,000 | No |

Large Size GU10

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power | PF | Lumen Output(lm) | Beam Angle | CCT (K) | CRI | Lifetime (L70) hrs | Dim ming | Dim Range |
|-------|------------------------|------------------|-----------|-------|-------|------------------|------------|---------|-----|--------------------|----------|-----------|
| 94144 | LED7LGU10/830/35 | 220-240 | GU10 | 7 | ≥ 0.9 | 520 | 35 | 3000 | 80 | 25,000 | No | N/A |
| 94145 | LED7LGU10/840/35 | 220-240 | GU10 | 7 | ≥ 0.9 | 550 | 35 | 4000 | 80 | 25,000 | No | N/A |
| 94146 | LED7LGU10/830/55 | 220-240 | GU10 | 7 | ≥ 0.9 | 520 | 55 | 3000 | 80 | 25,000 | No | N/A |
| 94147 | LED7LGU10/840/55 | 220-240 | GU10 | 7 | ≥ 0.9 | 550 | 55 | 4000 | 80 | 25,000 | No | N/A |
| 94148 | LED7.5LGU10/830/35/Dim | 220-240 | GU10 | 7 | ≥ 0.9 | 520 | 35 | 3000 | 80 | 25,000 | Yes | 10-100% |
| 94149 | LED7.5LGU10/840/35/Dim | 220-240 | GU10 | 7 | ≥ 0.9 | 550 | 35 | 4000 | 80 | 25,000 | Yes | 10-100% |
| 94150 | LED7.5LGU10/830/55/Dim | 220-240 | GU10 | 7 | ≥ 0.9 | 520 | 55 | 3000 | 80 | 25,000 | Yes | 10-100% |
| 94151 | LED7.5LGU10/840/55/Dim | 220-240 | GU10 | 7 | ≥ 0.9 | 550 | 55 | 4000 | 80 | 25,000 | Yes | 10-100% |

GU10 GEN 2

| SKU | Product Description | Input Voltage(V) | Lamp Base | Power | PF | Lumen Output(lm) | Beam Angle | CCT (K) | CRI | Lifetime (L70) hrs | Dim ming | Dim Range |
|-------|---------------------------------|------------------|-----------|-------|-------|------------------|------------|---------|-----|--------------------|----------|-----------|
| 94984 | LED3.5/GU10/827/220-240V/35/BX | 220-240 | GU10 | 3.5 | ≥ 0.4 | 220 | 35 | 2700 | 80 | 25,000 | No | N/A |
| 94985 | LED3.5/GU10/830/220-240V/35/BX | 220-240 | GU10 | 3.5 | ≥ 0.4 | 240 | 35 | 3000 | 80 | 25,000 | No | N/A |
| 94986 | LED3.5/GU10/840/220-240V/35/BX | 220-240 | GU10 | 3.5 | ≥ 0.4 | 240 | 35 | 4000 | 80 | 25,000 | No | N/A |
| 94988 | LED5.5D/GU10/827/220-240V/35/BX | 220-240 | GU10 | 5.5 | ≥ 0.8 | 350 | 35 | 2700 | 80 | 25,000 | Yes | 20%-100% |
| 94989 | LED5.5D/GU10/830/220-240V/35/BX | 220-240 | GU10 | 5.5 | ≥ 0.8 | 360 | 35 | 3000 | 80 | 25,000 | Yes | 20%-100% |
| 94990 | LED5.5D/GU10/840/220-240V/35/BX | 220-240 | GU10 | 5.5 | ≥ 0.8 | 380 | 35 | 4000 | 80 | 25,000 | Yes | 20%-100% |

LED Fixture

Downlight

It is the first time that GE indoor lighting launches downlight. Its integrated fixture design can easily replace the traditional lamps. We promise providing better quality and higher lighting efficiency solutions for offices, shopping malls and hotels.

Product Features

High Lighting Efficiency

- Its color rendering index reaches 80, which can meet various indoor lighting demands
- Its excellent uniform diffuse and glare control can create comfortable lighting environment
- Designed with national standard for 2011
- Three color temperature options can suit various conditions

Energy Efficiency

- Using 10W/15W/30W energy saving fixture replacing 18W/26W/2x26W CFL ones, compared with GE traditional lamps, 55% power saving and 20% luminance increasing
- Calculated with normal power consumption, it can almost save 100° electric energy
- Without ultraviolet and infrared
- Mercury - free discharge

Convenient For Installation And Maintenance

- Its 25,000 hours long life can decrease maintenance times And maintenance costs
- Foldable power supply solution make low-ceiling installation easily, and it can also meet the need of low floor height building
- Button spring fixtures can assure the security of installation

Technical Specifications

- Long life: 25,000 hrs(L70)
- 220-240V,50-60Hz power supply

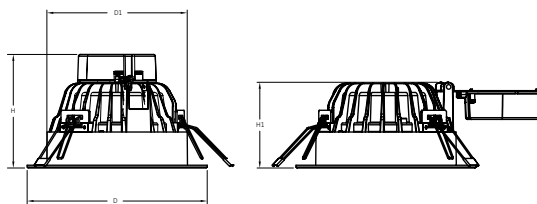
Application

- Shopping mall lighting
- Hotel hall lighting
- Conference room lighting



Dimensions

Unit: mm



| Type | Size (inch) | Height H1/H (mm) | Cutting-hole D1 (mm) | Outer-diameter D (mm) | Weight (g) |
|-----------|-------------|------------------|----------------------|-----------------------|------------|
| Downlight | 4 | 70/101 | 120 | 145 | 450 |
| Downlight | 6 | 93/123 | 162 | 195 | 800 |
| Downlight | 8 | 92/130 | 212 | 247 | 1120 |

Ordering Description

| SKU | Description | LED-power | Fixture-power (W) | Rated voltage /freq (V/Hz) | Current (A) | Lumen (Lm) | CCT | CRI | PF | Size (DxH) (mm) |
|-------|-----------------|-----------|-------------------|----------------------------|-------------|------------|-------|-----|-------|-----------------|
| 67928 | LDLS 10 WW1 H S | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 600 | 2700K | 80 | ≥ 0.8 | 145x101 |
| 67929 | LDLS 10 WW1 H P | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 600 | 2700K | 80 | ≥ 0.8 | 145x101 |
| 69527 | LDLS 10 WW H S | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 600 | 3000K | 80 | ≥ 0.8 | 145x101 |
| 69528 | LDLS 10 WW H P | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 600 | 3000K | 80 | ≥ 0.8 | 145x101 |
| 69529 | LDLS 10 NW H S | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 600 | 4000K | 75 | ≥ 0.8 | 145x101 |
| 69530 | LDLS 10 NW H P | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 600 | 4000K | 75 | ≥ 0.8 | 145x101 |
| 69531 | LDLS 10 CW H S | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 750 | 5000K | 70 | ≥ 0.8 | 145x101 |
| 69532 | LDLS 10 CW H P | 6x1.5W | 10 | 220-240/50-60 | 0.065 | 750 | 5000K | 70 | ≥ 0.8 | 145x101 |
| 66359 | LDLS 15 WW H S | 9x1.5W | 15 | 220-240/50-60 | 0.1 | 950 | 3000K | 80 | ≥ 0.9 | 195x123 |
| 66360 | LDLS 15 NW H S | 9x1.5W | 15 | 220-240/50-60 | 0.1 | 950 | 4000K | 75 | ≥ 0.9 | 195x123 |
| 66361 | LDLS 15 CW H S | 9x1.5W | 15 | 220-240/50-60 | 0.1 | 1100 | 5000K | 70 | ≥ 0.9 | 195x123 |
| 66362 | LDLS 15 WW H P | 9x1.5W | 15 | 220-240/50-60 | 0.1 | 950 | 3000K | 80 | ≥ 0.9 | 195x123 |
| 66363 | LDLS 15 NW H P | 9x1.5W | 15 | 220-240/50-60 | 0.1 | 950 | 4000K | 75 | ≥ 0.9 | 195x123 |
| 66364 | LDLS 15 CW H P | 9x1.5W | 15 | 220-240/50-60 | 0.1 | 1100 | 5000K | 70 | ≥ 0.9 | 195x123 |
| 69533 | LDLS 30 WW H S | 9x1.5W | 30 | 220-240/50-60 | 0.16 | 1650 | 3000K | 80 | ≥ 0.9 | 247x130 |
| 69534 | LDLS 30 WW H P | 9x1.5W | 30 | 220-240/50-60 | 0.16 | 1650 | 3000K | 80 | ≥ 0.9 | 247x130 |
| 67930 | LDLS 30 NW H S | 18x1.5W | 30 | 220-240/50-60 | 0.16 | 1800 | 4000K | 75 | ≥ 0.9 | 247x130 |
| 67931 | LDLS 30 NW H P | 18x1.5W | 30 | 220-240/50-60 | 0.16 | 1800 | 4000K | 75 | ≥ 0.9 | 247x130 |
| 69535 | LDLS 30 CW H S | 18x1.5W | 30 | 220-240/50-60 | 0.16 | 2100 | 5000K | 70 | ≥ 0.9 | 247x130 |
| 69536 | LDLS 30 CW H P | 18x1.5W | 30 | 220-240/50-60 | 0.16 | 2100 | 5000K | 70 | ≥ 0.9 | 247x130 |
| 67932 | LDLS 30 CW1 H S | 18x1.5W | 30 | 220-240/50-60 | 0.16 | 2100 | 5700K | 70 | ≥ 0.9 | 247x130 |
| 67933 | LDLS 30 CW1 H P | 18x1.5W | 30 | 220-240/50-60 | 0.16 | 2100 | 5700K | 70 | ≥ 0.9 | 247x130 |

In the description, S=Retail Pack, P=Project Pack

LED Fixture /

Eco Downlight

Product Features And Technical Specifications

Excellent Lighting

- Color rendering index is up to Ra80+, release the true color
- Excellent uniform diffuse reflection and glare control, to create a comfortable lighting environment
- Three kinds of color temperature for a variety of environment request
- No ultraviolet ray and infrared ray, green and environmental protection

Unique Material / Structure

- Integrated aluminum reflector shade with die-casting aluminum radiator structure, good heat dissipation, high reliability
- Polycarbonate lamp ring, make the light ornamentation
- The unique structure design makes the connection more easily, for 0.5 -2 mm² single strand hard wire and stranded wire
- Spring leaf with buckle tightening fixture, to ensure the security of installation, energy-saving and long service life.

Energy-saving And Long Lifetime

- The efficiency of the integrated light is up to 80 Lm/W, compared to GE traditional energy-saving downlight, the energy-saving efficiency is above 50%.
- The average lifetime is up to 25000 hours (L70), greatly reduce the cost for replacement and maintenance.

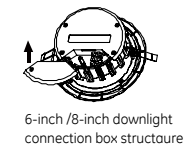
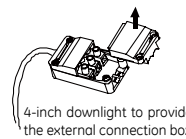
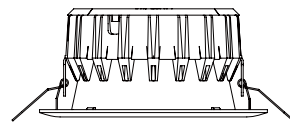
Applications

- Mall lighting
- Hotel lobby lighting
- Conference room lighting



Dimensions

Unit: mm



| Type | Size (inch) | Height H1/H (mm) | Cutting-holeD1 (mm) | Outer-diameterD (mm) | Weight (g) |
|-----------|-------------|------------------|---------------------|----------------------|------------|
| Downlight | 4 inches | 72 | 100 | 124 | 285 |
| Downlight | 6 inches | 86 | 150 | 180 | 570 |
| Downlight | 8 inches | 92 | 200 | 240 | 940 |

Product Specifications

| Product Specifications | Color Temperature (K) | Total Luminous Flux(lm) | Rated Power(W) | Input Power(V/Hz) | Power Factors | Color Rendering Index | Protection Level | Electric Protection Level | LM Maintains | Certificated |
|------------------------|-----------------------|-------------------------|----------------|-------------------|---------------|-----------------------|------------------|---------------------------|-------------------|--------------|
| 4 inches | 3000 | 675 | 10 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| | 4000 | 750 | 10 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| | 5000 | 750 | 10 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| 6 inches | 3000 | 1080 | 15 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| | 4000 | 1200 | 15 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| | 5000 | 1200 | 15 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| 8 inches | 3000 | 2450 | 34 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| | 4000 | 2700 | 34 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |
| | 5000 | 2700 | 34 | 220V/50Hz | ≥ 0.9 | 80 | IP20 | Class II | 25000hrs@L70, B50 | CCC |

Ordering Information

| LDLE | 15W | 6 | WW | P | CN |
|-----------------|----------------------|------------|-------------------|----------------|--------------------|
| Serial code | Power | Size | Color temperature | Package | Edition |
| L = LED Product | 10W=10W | 4=4inch | WW = 830 | P=item package | CN=Chinese version |
| DL = Downlight | 15W=15W | 6= 6inch | CW = 850 | | |
| E=Eco version | 25W=25W 33W = 33W | 8 = 8 inch | NW=840 | | |

| Product Code | Product Description | Product Code | Product Description |
|--------------|---------------------|--------------|---------------------|
| 60883 | LDLE33W8WWPCN | 70383 | LDLE25W8WWPCN |
| 60884 | LDLE33W8NWPCN | 70384 | LDLE25W8NWPCN |
| 60885 | LDLE33W8CWPCN | 70385 | LDLE25W8CWPCN |
| 60889 | LDLE15W6WWPCN | 60896 | LDLE10W4WWPCN |
| 60890 | LDLE15W6NWPCN | 60897 | LDLE10W4NWPCN |
| 60891 | LDLE15W6CWPCN | 60898 | LDLE10W4CWPCN |

LED Fixture /

Horticulture LED Batten

GE Horticulture Batten designed to give light with specific wave length to help plant growth.

Product Features

- Growth improvement vs conventional light source*
- Easy retrofit or LED conversion via standardized clip system
- Slim size (Height) compared to the existing LFL systems enable optimized space utilization
- High Light distribution uniformity realized via batwing optical design
- Power Consumption reduced by 40% compared to conventional LFL system
- IP65 enabled to protect fixtures from the water splash during operation

Technical Specifications

- Two types: Red/White & Red/Blue
- Rated input: AC 200V/50-60Hz & AC 100V/50-60Hz
- Average life: 17,500 hours @ L90, Ta=25° C
- IP rating: IP65
- Power factor: PF>0.9

Application

- Indoor Farm

Ordering Logic

| LBTBH:LED Batten for Horticulture | 8 | 17 | 39 |
|-----------------------------------|--------------|---------|-----------------------|
| Internal Code | Fixture Type | Wattage | LED color combination |
| LBTBH:LED | 8=200V-240 | 17=17W | RB=Red&Blue |
| Batten for | 50/60Hz | 18=18W | WR=White&Red |
| Horticulture | 7=100V | | 34=White&Blue |
| | 50/60Hz | | |

Ordering Description

Accessory:

1, Power Cord(Sku for whole pack, 10pcs/pack): LBTH Power Cord.

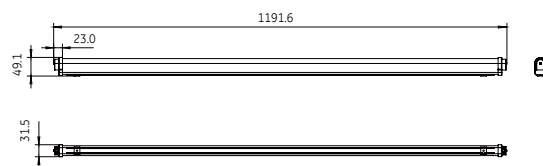
2, Cable holder(Sku for Whole pack, 25sets/pack, each set for each fixture, include each 2pcs cable holder & cable tie): LBTH Cableholder.

| SKU | SKU Description |
|-------|------------------|
| 94223 | LBTBH817RB39 |
| 94224 | LBTBH818WR34 |
| 94225 | LBTBH717RB39 |
| 94226 | LBTBH718WR34 |
| 94227 | LBTH Power Cord |
| 94228 | LBHT Cableholder |



Dimensions

Unit: mm



| Wattage (W) | Length L _{max} (mm) | Width W _{max} (mm) | Height H _{max} (mm) |
|-------------|------------------------------|-----------------------------|------------------------------|
| 17 | 1191.6 | 31.5 | 49.1 |
| 18 | 1191.6 | 31.5 | 49.1 |

Batten

Simple appearance and compact structure of GE LED batten & LED T8 bring customers new experience of soft LED lighting.

Product Features

- 55% Energy saving compared with GE T8 fluorescent, 42% compared with GE T5 fluorescent
- Special optical design makes low glare and more uniform lighting effects
- No mercury, no ultraviolet and infrared radiation

Technical Specifications

- Average life: 45,000 hours
- CCT: 4000K/5000K
- Power Factor: >0.9
- Color rendering index: 80

Application

- supermarket
- Underground garage
- Home
- Exhibitions

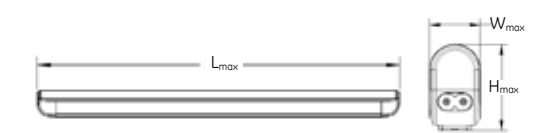
Ordering Logic

| LBTB | 8 | 18 | CW | CL | P |
|-----------------|-------------------|----------|--------------------------|-----------------------------|--------------------------|
| Product Model | Input Voltage | Wattage | Color Temperature | Photometric Characteristics | Package |
| LBTB=LED Batten | 8 = 220-240V/50Hz | 09 = 9W | NW = 4000K Neutral white | CL = Batwing | S = Retail packaging |
| | | 18 = 18W | CW = 5000K Cool white | DF = Diffused | P = Industrial packaging |
| X = Accessory | | | | | |



Dimensions

Unit: mm



| Wattage (W) | Length L _{max} (mm) | Width W _{max} (mm) | Height H _{max} (mm) |
|-------------|------------------------------|-----------------------------|------------------------------|
| 9 | 586 | 26 | 44 |
| 18 | 1157 | 26 | 44 |

LED Fixture

Ordering Description

| SKU | SKU Description | Lumen (Lm) | Wattage (W) | CCT | Photometric | Size (mm) | Weight (g) | Pack Qty |
|-------|---------------------|------------|-------------|-------|-------------|-----------|------------|------------|
| 65575 | LBTB 809 NW DF S CN | 600 | 9 | 4000K | Diffused | 586 | 210 | Retail* |
| 65580 | LBTB 809 NW CL P CN | 600 | 9 | 4000K | Clear | 586 | 240 | industrial |
| 65581 | LBTB 809 NW DF P CN | 600 | 9 | 4000K | Diffused | 586 | 210 | industrial |
| 65574 | LBTB 809 CW DF S CN | 650 | 9 | 5000K | Diffused | 586 | 210 | Retail * |
| 65578 | LBTB 809 CW CL P CN | 650 | 9 | 5000K | Clear | 586 | 240 | industrial |
| 65579 | LBTB 809 CW DF P CN | 650 | 9 | 5000K | Diffused | 586 | 210 | industrial |
| 65577 | LBTB 818 NW DF S CN | 1200 | 18 | 4000K | Diffused | 1157 | 395 | Retail * |
| 65584 | LBTB 818 NW CL P CN | 1200 | 18 | 4000K | Clear | 1157 | 455 | industrial |
| 65585 | LBTB 818 NW DF P CN | 1200 | 18 | 4000K | Diffused | 1157 | 395 | industrial |
| 65576 | LBTB 818 CW DF S CN | 1300 | 18 | 5000K | Diffused | 1157 | 395 | Retail * |
| 65582 | LBTB 818 CW CL P CN | 1300 | 18 | 5000K | Clear | 1157 | 455 | industrial |
| 65583 | LBTB 818 CW DF P CN | 1300 | 18 | 5000K | Diffused | 1157 | 395 | industrial |

* Industrial packages are without power cord

Ordering Description (Components)

| SKU | SKU Description | Product Details | Remark |
|-------|------------------------------|----------------------|--------------|
| 65567 | LBTX Power cord CN | Power cord | |
| 65568 | LBTX Extend cable CN | Jumper cable | Non-standard |
| 65569 | LBTX Extend connector CN | Extend connector | Non-standard |
| 65571 | LBTX Wall mount bracket CN | Wall mount bracket | |
| 65620 | LBTX Cove 0 deg CN | Cove 0 deg | Non-standard |
| 65621 | LBTX Cove 15 deg CN | Cove 15 deg | Non-standard |
| 65622 | LBTX Cove 30 deg CN | Cove 30 deg | Non-standard |
| 65572 | LBTX 90D Monunt bracket CN | 90D mount bracket | Non-standard |
| 65573 | LBTX Rotate mount bracket CN | Rotary mount bracket | Non-standard |

**For non-standard components, please contact local sales

T8 BATTEN

GE T8 BAT' s streamline shape brings clean feeling to customer. Its housing is designed with compact conception and made by metal sheet which covered by powder painting. It is used with GE T8 LFL lamp whose life time is 30000hrs.

Specification Features

Durable Material

- Housing is made by 0.5mm metal sheet, covered by powder painting.it brings Strong structure and high anti-corrosion.
- End cap is made by PC.
- The material of Lampholder can against shock, heat and burning.

Energy saving with high efficiency

- Recommend to use with GE T8 LFL lamp whose efficiency is 104lm/V and maintenance is 92%(10000hrs). life time could be 30000hrs.
- Use GE T8 electronic ballast, PF achieves 0.98.

Succinct design

- succinct design brings streamline appearance.
- provide single lamp and double lamp 2 options.
- Provide different installation method like hook, ceiling, etc.

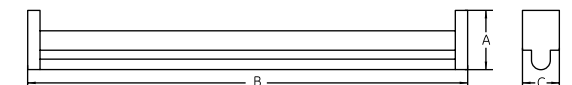
Application

- Factories
- Corridors
- Supermarkets
- Restaurants
- Schools
- hospitals
- Underground parking lots
- Warehouse and other public areas

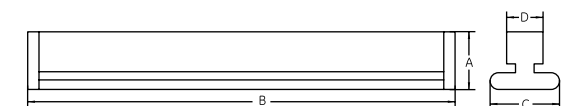


Dimensions, Installation

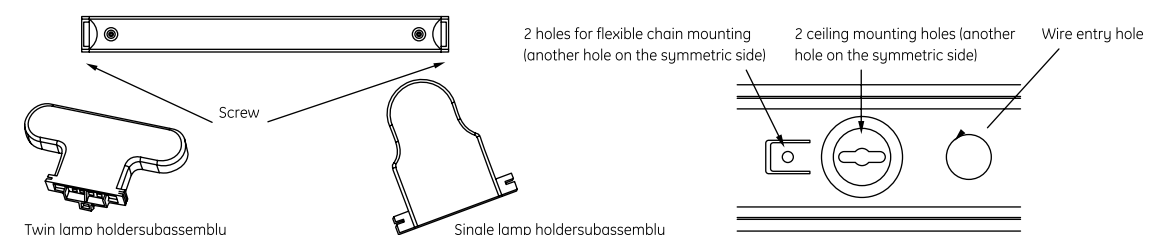
Unit: mm



| Item | PartName&Description | Specification | | | |
|------|----------------------|---------------|-------|-------|------|
| | | 1x18W | 1x36W | 1x58W | |
| 1 | Model Code | 118 | 136 | 158 | |
| 2 | Physical Dimension | A | 82.6 | 82.6 | 82.6 |
| | | B | 617 | 1228 | 1528 |
| | | C | 60 | 60 | 60 |



| Item | PartName&Description | Specification | | | |
|------|----------------------|---------------|-------|-------|------|
| | | 2x18W | 2x36W | 2x58W | |
| 1 | Model Code | 118 | 136 | 158 | |
| 2 | Physical Dimension | A | 82.6 | 82.6 | 82.6 |
| | | B | 617 | 1228 | 1528 |
| | | C | 101 | 101 | 101 |
| | | D | 60 | 60 | 60 |



LED Fixture

Ordering Description

| SKU | Product Dest | Lamp&Wat | Rated Volt | Supply Current | Frequency | PF | Recommet GE lamp | Size(AxBxC) (mmxmmxmm) |
|---------|------------------|---------------|------------|----------------|-----------|------|------------------|---------------------------|
| AF60350 | BAT 8611 118 EB | T8 LFL 1x18W | 220V~ | 0.10A | 50Hz | 0.98 | GE T8 F18 W | 617x62x82.6 |
| AF60351 | BAT 8611 218 EB | T8 LFL 2x18W | 220V~ | 0.20A | 50Hz | 0.98 | GE T8 F18 W | 617x101x82.6 |
| AF60352 | BAT 8611 136 EB | T8 LFL 1x 36W | 220V~ | 0.20A | 50Hz | 0.98 | GE T8 F36 W | 1228x62x82.6 |
| AF60353 | BAT 8611 236 EB | T8 LFL 2x36W | 220V~ | 0.31A | 50Hz | 0.98 | GE T8 F36 W | 1528x101x82.6 |
| AF60354 | BAT 8611 158 EB | T8 LFL 1x 58W | 220V~ | 0.24A | 50Hz | 0.98 | GE T8 F58 W | 1528x62x82.6 |
| AF60355 | BAT 8611 258 EB | T8 LFL 2x58W | 220V~ | 0.47A | 50Hz | 0.98 | GE T8 F58 W | 1228x101x82.6 |
| AF60356 | BAT 8611 118 EBE | T8 LFL 1x18W | 220V~ | 0.1A | 50Hz | 0.98 | GE T8 F18 W | 617x62x82.6 |
| AF60357 | BAT 8611 218 EBE | T8 LFL 2x18W | 220V~ | 0.2A | 50Hz | 0.98 | GE T8 F18 W | 617x101x82.6 |
| AF60358 | BAT 8611 136 EBE | T8 LFL 1x36W | 220V~ | 0.2A | 50Hz | 0.98 | GE T8 F36 W | 1228x62x82.6 |
| AF60359 | BAT 8611 236 EBE | T8 LFL 2x36W | 220V~ | 0.31A | 50Hz | 0.98 | GE T8 F36 W | 1228x101x82.6 |
| AF60360 | BAT 8611 118H | T8 LFL 1x18W | 220V~ | 0.09A | 50Hz | 0.90 | GE T8 F18 W | 617x62x82.6 |
| AF60361 | BAT 8611 218H | T8 LFL 2x18W | 220V~ | 0.20A | 50Hz | 0.90 | GE T8 F18 W | 617x101x82.6 |
| AF60362 | BAT 8611 136H | T8 LFL 1x 36W | 220V~ | 0.20A | 50Hz | 0.90 | GE T8 F36 W | 1228x62x82.6 |
| AF60363 | BAT 8611 236H | T8 LFL 2x36W | 220V~ | 0.42A | 50Hz | 0.90 | GE T8 F36 W | 1228x101x82.6 |
| AF60364 | BAT 8611 158H | T8 LFL 1x 58W | 220V~ | 0.33A | 50Hz | 0.90 | GE T8 F58 W | 1528x62x82.6 |
| AF60365 | BAT 8611 258H | T8 LFL 2x58W | 220V~ | 0.64A | 50Hz | 0.90 | GE T8 F58 W | 1528x101x82.6 |
| AF60366 | BAT 8611 118HE | T8 LFL 1x18W | 220V~ | 0.09A | 50Hz | 0.90 | GE T8 F18 W | 617x62x82.6 |
| AF60367 | BAT 8611 218HE | T8 LFL 2x18W | 220V~ | 0.20A | 50Hz | 0.90 | GE T8 F18 W | 617x101x82.6 |
| AF60368 | BAT 8611 136HE | T8 LFL 1x36W | 220V~ | 0.20A | 50Hz | 0.90 | GE T8 F36 W | 1228x62x82.6 |
| AF60369 | BAT 8611 236HE | T8 LFL 2x36W | 220V~ | 0.42A | 50Hz | 0.90 | GE T8 F36 W | 1228x101x82.6 |

TW BATTEN

Simple appearance and compact structure of GE LED batten bring customers new experience of soft LED lighting. More performance, more reliability and more Eco-friendly – GE LED Batten is doing more to surprise you.

Specification Features

- High quality diffuser without light spot
- Isolated power supply ensures no risk of electric shock
- Modern shape is suitable for A level office decoration
- Conform to CE standard
- Easy to installation

Advantage

- Healthy - UV - free & IR - free
- Environmental - save up to 42% energy used T5 tube
- Long life - Lifetime up to 25,000hrs
- High color rendering - Present the exact color

Application

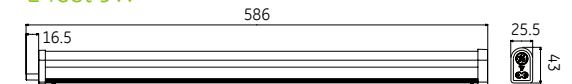
- Indoor Lighting: Supermarkets, underground garage, home and display occasions.
- Cove Lighting: Eliminate dark areas by joining end to end.
- Indoor Sign-box: Excellent photometric design makes extreme shallow indoor sign-box possible.



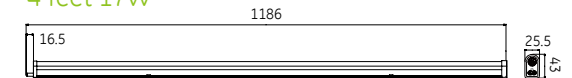
Dimensions

Unit: mm

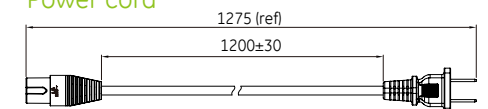
2 feet 9W



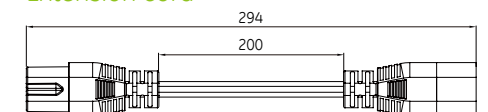
4 feet 17W



Power cord



Extension cord



LED Fixture

Ordering Description

| LBTBT | 8 | 17 | WW | S | EN |
|---------------------|-------------------------|-----------------|----------------------------------|------------------|--------------------|
| Product ID | Fixture Type(nominal) | Wattage | CCT | Package | Version |
| LBTBT=TW LED Batten | 8=220V~240V, 50/60Hz | 09=9W 17=17W | WW=3000K NW=4000K CW=5000K | S=Retail Package | EN=English Version |

| SKU | SKU Description | Specifications | Unit | 2 feet | 4 feet |
|---|-----------------|-----------------------------|------|----------------------------|------------------|
| 69890 | LBTBT809WWSEN | Power Consumption (typical) | W | 9W | 17W |
| 69891 | LBTBT809NWSEN | Lumen Output | lm | 700 | 750 |
| 69892 | LBTBT809CWSEN | CCT | K | 3045K | 3045K 5028K |
| 60216 | LBTBT817WWSEN | Dimension (W*D*H) | mm | 569.5x25.5x43mm | 1169.5x25.5x43mm |
| 60217 | LBTBT817NWSEN | CRI | | ≥ 80 | |
| 60218 | LBTBT817CWSEN | Rated Input (AC) | V/Hz | AC 220~240V+/-10%, 50~60Hz | |
| Optional (order seperated if need) | | Power Factor | | ≥ 0.9 | |
| 60237 | LB EXT CORD EN | Lumen Maintenance | hrs | 25Khrs @ L70/CL70 | |
| Note: retail package already include 1 pc power cord. | | Failure Rate (Max) | | 1%/Year | |
| | | Ambient Temperature | | 0~+40° C | |
| | | Certificate | * C | CE+EMC | |

LED Backlit Troffer

The latest GE embedded LED flat fixture, to provide new general lighting scheme.

Product Features And Technical Specifications

- Compared with fluorescent fixture, energy saving is more than 30%
- Make ceiling more tidy and present vivid space
- Save amounts of lights
- High reliability, low maintenance cost

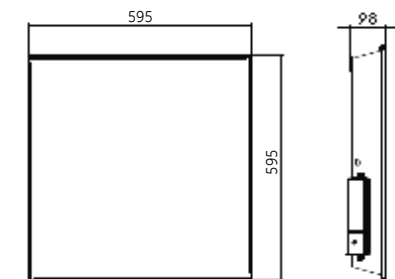
Applications

- Office lighting
- General lighting for commercial buildings



Dimensions

Unit: mm



Product Specifications

| Product Specifications | Color Temperature CCT (K) | Total Luminous Flux(lm) | Input Power (V/Hz) | Power Factors | Rated Power (W) | Color Rendering Index | Efficiency (Lm/W) | Protection Level | Electric Protection Level | LM Maintains | Size Of Socket | Certificated |
|------------------------|---------------------------|-------------------------|--------------------|---------------|-----------------|-----------------------|-------------------|------------------|---------------------------|--------------|--------------------------|--------------|
| NW | 4000 | 3200 | AC100~240V/50~60Hz | ≥ 0.9 | 36 | 80 | > 88 | IP20 | Class I | 25000hrs@L70 | Metric system: 595X595mm | CCC |
| CW | 5000 | 3200 | AC100~240V/50~60Hz | ≥ 0.9 | 36 | 80 | > 88 | IP20 | Class I | 25000hrs@L70 | Metric system: 595X595mm | CCC |

Ordering Information

| Series Code | Light Size | Voltage | Luminous Flux | Version |
|--|---|--------------------|----------------------|--------------------|
| L= LED B=Back-lit T=Troffer A=version A | 66=595mmx 595mm (applicable to ceiling with T keel of 600x600) | 2=100-240V 50/60Hz | NW=4000K CW=5000K | CN=Chinese version |

| Product Code | Product Description |
|--------------|---------------------|
| 60249 | LBTA 66 2 NW CN |
| 60251 | LBTA 66 2 CW CN |

LED Module /

Infusion™ LED Module

The GE Infusion LED module opens up a world of new lighting possibilities. The long-lasting, low maintenance Zhaga Book 3 LED module is one of the most flexible lighting solutions available today-and tomorrow. The Infusion LED module is equipped with completely new Chip-On-Board (COB) LED technology. This technology enables the creation of the most efficient LED system for accent and ambient downlight applications available from GE Lighting

Specification Features

- Industry leading efficiency
- Twist-in Optic Installation
- Exceptional quality of light
- Dimming options
- Variety of lumen package

SM1000-SM5000 Standard

Infusion LED spot light modules take LED modules to new heights with higher lumen packages and efficacy, making Infusion the perfect solution for your directional lighting needs.

Features & Benefits

- Industry leading module efficiency up to 119lm/W(As of 2013)
- Standard 80 CRI, Ultra 90 CRI with extremely high R9 value
- Wide range of different lighting solutions from one platform(1000-5000lumens) platform(1000-5000lumens)
- Variety of color temperature options(2700K, 3000K, 3500K, 4000K/4000K)

Optics Solution

Infusion Spot Light modules are available with a range of GE-designed optics that deliver precise, smooth beam control. The optics features a twist-lock interface for easy, tool-free attachment to the infusion module. Optics are available from 15° spot up to 60° very wide flood. Beam angle options vary by module.

Features & Benefits

- GE-designed for optimal, consistent performance
- Twist-in for easily changing beam angle
- Low glare
- 15-55° options



For Infusion Modules

GE LED Drivers are the perfect solution for powering an Infusion™ LED module system. With GE LED Drivers, you'll be guaranteed module compatibility, along with leading-edge technology and efficiency, all from a name you can trust.

Features & Benefits

- Multiple warranty options:3 year
- -GE Driver: 3 yrs warranty with economic solution warranty & 5yerr warranty
- Twist-in for easily changing beam angle
- Low glare
- 15-60° option

Ordering Information

LED Module Specification

| SKU | Type | CCT (K) | Typ. Voltage (V) | Max. Voltage (V) | Typ. Current (mA) | Typ. Electrical Power (W) | Lum Flux (lm) at 25°C | Module efficiency (lm/W)at 25°C | Lum Flux (lm) at 85°C | Module efficiency (lm/W)at 85°C | CRI (ra) | SDCM MacA-dam | LES(mm) Category |
|---------------|---------------|---------|------------------|------------------|-------------------|---------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------|----------|---------------|------------------|
| SM1000 Series | | | | | | | | | | | | | |
| 77015 | SM1000/830/G1 | 3000K | 31 | 34 | 350 | 10.5 | 1100 | 103 | 990 | 93 | 80+ | 4-step | 13.5 |
| 77325 | SM1000/840/G1 | 4000K | 31 | 34 | 350 | 10.5 | 1210 | 113 | 1090 | 102 | 80+ | 4-step | 13.5 |
| 96456 | SM1000/927/G1 | 2700K | 37 | 43 | 350 | 13 | 1200 | 94 | 1080 | 85 | 90+ | 3-step | 13.5 |
| 96457 | SM1000/930/G1 | 3000K | 37 | 43 | 350 | 13 | 1300 | 101 | 1170 | 91 | 90+ | 3-step | 13.5 |
| 96459 | SM1000/940/G1 | 4000K | 37 | 43 | 350 | 13 | 1400 | 109 | 1260 | 98 | 90+ | 3-step | 13.5 |
| SM2000 Series | | | | | | | | | | | | | |
| 96445 | SM2000/830/G1 | 3000K | 33 | 37 | 500 | 16 | 1880 | 113 | 1690 | 101 | 80+ | 4-step | 19 |
| 96447 | SM2000/840/G1 | 4000K | 33 | 37 | 500 | 16 | 1950 | 119 | 1760 | 106 | 80+ | 4-step | 19 |
| 96460 | SM2000/927/G1 | 2700K | 37 | 43 | 500 | 18 | 1740 | 96 | 1560 | 86 | 90+ | 3-step | 19 |
| 96461 | SM2000/930/G1 | 3000K | 37 | 43 | 500 | 18 | 1860 | 102 | 1670 | 92 | 90+ | 3-step | 19 |
| 96463 | SM2000/940/G1 | 4000K | 37 | 43 | 500 | 18 | 1900 | 105 | 1710 | 95 | 90+ | 3-step | 19 |
| SM3000 Series | | | | | | | | | | | | | |
| 96449 | SM3000/830/G1 | 3000K | 37 | 43 | 700 | 25 | 2850 | 113 | 2540 | 102 | 80+ | 4-step | 19 |
| 96451 | SM3000/840/G1 | 4000K | 37 | 43 | 700 | 25 | 2960 | 118 | 2650 | 106 | 80+ | 4-step | 19 |
| 96464 | SM3000/927/G1 | 2700K | 37 | 43 | 700 | 25 | 2500 | 100 | 2250 | 90 | 90+ | 3-step | 19 |
| 96465 | SM3000/930/G1 | 3000K | 37 | 43 | 700 | 25 | 2550 | 102 | 2300 | 92 | 90+ | 3-step | 19 |
| 96467 | SM3000/940/G1 | 4000K | 37 | 43 | 700 | 25 | 2700 | 108 | 2430 | 97 | 90+ | 3-step | 19 |
| SM5000 Series | | | | | | | | | | | | | |
| 96453 | SM5000/830/G1 | 3000K | 37 | 43 | 1050 | 38 | 4610 | 119 | 4090 | 107 | 80+ | 4-step | 23 |
| 96455 | SM5000/840/G1 | 4000K | 37 | 43 | 1050 | 38 | 4620 | 119 | 4100 | 102 | 80+ | 4-step | 23 |
| 96468 | SM5000/927/G1 | 2700K | 37 | 43 | 1050 | 39 | 3760 | 96 | 3390 | 87 | 90+ | 3-step | 23 |
| 96469 | SM5000/930/G1 | 3000K | 37 | 43 | 1050 | 39 | 3960 | 102 | 3560 | 92 | 90+ | 3-step | 23 |
| 96471 | SM5000/940/G1 | 4000K | 37 | 43 | 1050 | 39 | 4100 | 106 | 3690 | 96 | 90+ | 3-step | 23 |

Optic specification

| Asia Code | Description | Corresponding Module Series | Beam Category | Nominal Beam Angle(°) | Diamete (mm) | Height (mm) |
|-----------|----------------------------------|-----------------------------|-----------------|-----------------------|--------------|-------------|
| 65659 | OP1000/FL/W/75mm/B3 | SM1000 | Flood | 25 | 75 | 43 |
| 65663 | OP1000/WFL/W/75mm/B3 | SM1000 | Wide Flood | 35 | 75 | 43 |
| 65666 | OP1000/VWFL/W/75mm/B3 | SM1000 | Very Wide Flood | 55 | 75 | 43 |
| 66236 | OP2000/3000/FL/W/75mm/B3 | SM2000, SM3000 | Flood | 25 | 75 | 43 |
| 66240 | OP2000/3000/WFL/W/75mm/B3 | SM2000, SM3000 | Wide Flood | 35 | 75 | 43 |
| 66241 | OP2000/3000/VWFL/W/75mm/B3 | SM2000, SM3000 | Very Wide Flood | 55 | 75 | 43 |
| 66242 | OP1000/SP/W/100mm/B3 | SM1000 | Spot | 15 | 100 | 70 |
| 66290 | OP2000/3000/5000/FL/W/100mm/B3 | SM2000, SM3000, SM5000 | Flood | 25 | 100 | 70 |
| 66294 | OP2000/3000/5000/WFL/W/100mm/B3 | SM2000, SM3000, SM5000 | Wide Flood | 35 | 100 | 70 |
| 66289 | OP2000/3000/5000/VWFL/W/100mm/B3 | SM2000, SM3000, SM5000 | Very Wide Flood | 55 | 100 | 70 |

LED Module

LED Driver Specification

| Type | Product Code | Description | Wattage (W) | Input Voltage (V) | Frequency (Hz) | Power Factor | Efficiency (%) | Output Voltage (V) | Output Current (mA) | Size (mm) | Dimming | Remark |
|----------------------------------|-----------------|-----------------------|-------------|-------------------|----------------|--------------|----------------|--------------------|---------------------|-----------------|-----------|----------------|
| GE Driver (CE Version) | 96472 | LED16CC350ET | 16 | 220-240 | 50/60 | 0.80 | 86 | 23-46 | 350 | 115*45*27.5 | Non-Dim | Terminal Block |
| | 96474 | LED25CC500ET | 25 | 220-240 | 50/60 | 0.90 | 87 | 33-50 | 500 | 103.5*67.5*22 | Non-Dim | Terminal Block |
| | 96475 | LED35CC700ET | 35 | 220-240 | 50/60 | 0.90 | 87 | 33-50 | 700 | 107*76*30 | Non-Dim | Terminal Block |
| | 96476 | LED50CC1050ET | 50 | 220-240 | 50/60 | 0.90 | 85 | 32-48 | 1050 | 107*76*30 | Non-Dim | Terminal Block |
| | 96477 | LED60CC1400ET | 60 | 220-240 | 50/60 | 0.90 | 87 | 28-43 | 1400 | 107*76*30 | Non-Dim | Terminal Block |
| GE Lighttech Driver (CE Version) | 97756 | LED18CC350EPD | 18 | 220-240 | 50/60 | 0.96 | 86 | 4-52 | 350 | 133*40*30.5 | Non-Dim | Side Lead |
| | 97524 | LED26CC500EPD | 26 | 220-240 | 50/60 | 0.95 | 87 | 12-52 | 500 | 133*40*30.5 | Non-Dim | Side Lead |
| | 97518 | LED36CC700EPL | 36 | 220-240 | 50/60 | 0.97 | 87 | 4-52 | 700 | 133*40*30.5 | Non-Dim | Side Lead |
| | 97513 | LED48CC1050EPD | 48 | 220-240 | 50/60 | 0.95 | 88 | 12-46 | 1050 | 133*40*30.5 | Non-Dim | Side Lead |
| | 97757 | LED18CC350P240DL | 18 | 220-240 | 50/60 | 0.95 | 85 | 12-48 | 350 | 133*40*30.5 | 1-10V Dim | Side Lead |
| | 97520 | LED36CC700P240DL | 36 | 220-240 | 50/60 | 0.96 | 87 | 12-48 | 700 | 133*40*30.5 | 1-10V Dim | Side Lead |
| | 97514 | LED48CC1050P240DL | 48 | 220-240 | 50/60 | 0.96 | 88 | 12-46 | 1050 | 133*40*30.5 | 1-10V Dim | Side Lead |
| | 94438 | LED55CC1.4AESRND | 55 | 220-240 | 50/60 | 0.96 | 88 | 15-40 | 1400 | 204*49.5*35 | Non-Dim | Terminal Cover |
| | 89878 | LED55CC1400ESRND DALI | 55 | 220-240 | 50/60 | 0.96 | 88 | 15-40 | 1400 | 204*49.5*35 | DALI Dim | Terminal Cover |
| | 96507 | LED55CC14AESRDL 1-10V | 55 | 220-240 | 50/60 | 0.96 | 88 | 15-40 | 1400 | 204*49.5*35 | 1-10V Dim | Terminal Cover |
| GE Lighttech Driver (UL Version) | 66871 | GELD18DMV350PU | 18 | 120-277 | 50/60 | 0.98 | 87 | 4-52 | 350 | 133*40*30.5 | Non-Dim | Side Lead |
| | 66872 | GELD18DMV350BF | 18 | 120-277 | 50/60 | 0.98 | 87 | 4-52 | 350 | 135.4*42.4*33.5 | Non-Dim | Bottom Feed |
| | 66884 | GELD18DMV700PU | 18 | 120-277 | 50/60 | 0.97 | 84 | 4-26 | 700 | 133*40*30.5 | Non-Dim | Side Lead |
| | 66883 | GELD18DMV700BF | 26 | 120-277 | 50/60 | 0.97 | 84 | 4-26 | 700 | 135.4*42.4*33.5 | Non-Dim | Bottom Feed |
| | 66902 | GELD26DMV500PU | 26 | 120-277 | 50/60 | 0.97 | 87 | 4-52 | 500 | 133*40*30.5 | Non-Dim | Side Lead |
| | 66903 | GELD26DMV500BF | 26 | 120-277 | 50/60 | 0.97 | 87 | 4-52 | 500 | 135.4*42.4*33.5 | Non-Dim | Bottom Feed |
| | 66904 | GELD26DMV500PU | 26 | 120-277 | 50/60 | 0.98 | 87 | 4-52 | 500 | 133*40*30.5 | Non-Dim | Side Lead |
| | 66905 | GELD36DMV700BF | 36 | 120-277 | 50/60 | 0.98 | 87 | 4-52 | 700 | 135.4*42.4*33.5 | Non-Dim | Bottom Feed |
| | 66906 | GELD36DMV700PU | 36 | 120-277 | 50/60 | 0.98 | 87 | 4-52 | 700 | 133*40*30.5 | Non-Dim | Side Lead |
| | 93860 | GELD60DMV1400BF | 60 | 120-277 | 50/60 | 0.98 | 87 | 15-46 | 1400 | 98*75*50 | 1-10V Dim | Bottom Feed |
| 60724 | GELD60DMV1400PU | 60 | 120-277 | 50/60 | 0.98 | 87 | 15-46 | 1400 | 112*75*33.3 | 1-10V Dim | Side Lead | |

Tetra AL10

Backed by reputation for reliability in the LED industry, this robust, low-voltage system is rated to perform for 50,000 hours-reducing material and labor expenses associated with relamping. Combined with reduced energy consumption-up to 65% compared to GE T8 Fluorescent-Tetra AL10 significantly lowers operating costs to offer a competitive payback.

Product Features

- Low energy consumption 14.8W/m, 65% Energy saving compared with GE T8 fluorescent
- Excellent luminance and light uniformity
- UV and IR radiation can be avoided
- Dimmable

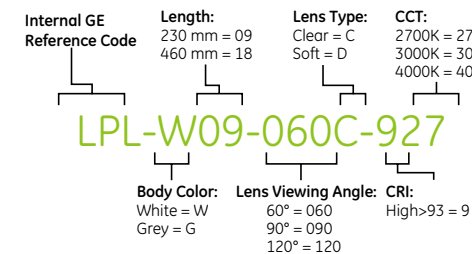
Technical Specifications

- Average life: 50,000 hours
- Multiple color temperature: 2700K/3000K/4000K
- Multiple Beam Angle: 60° /90° /120°
- Two module size: 230mm/460mm
- Color rendering index : >93

Application

- Retail Under Shelf
- Cove
- Architectural Accent
- Under Cabinet

Order Logic



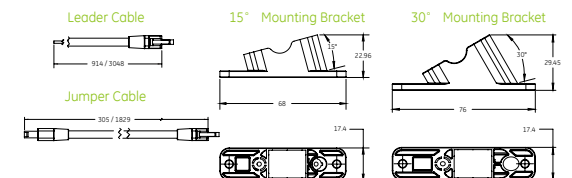
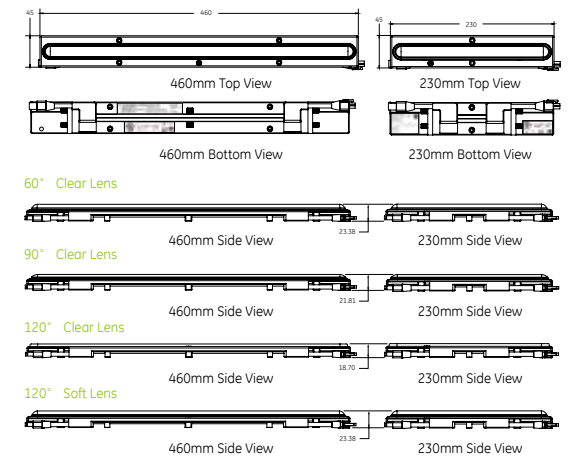
Technical Specifications

| Specification Item | Specification |
|------------------------|---|
| Operating Voltage | 12 V DC |
| Compatible LED Drivers | 74601 (GE060/G/V12T1-A) and 74914 (GE060/G/V12T1-B) |
| Maximum Loading | 74601: 3.96 m, 74914: 1.22 m |
| Ambient Temperature | -20°C ~ +40°C |
| IP Rating | IP52: dry or damp location rated |
| System Certifications | UL US, CE, RoHS, etc. |



Dimensions

Unit: mm



LED Specialty

Ordering Description

| White Fixture | | Grey Fixture | | Volts (V) | CCT | CRI | Lens (°) | Length (mm) | Lumens (Lm) | Watts (W) | Lumens (Lm/W) |
|---------------|------------------|--------------|------------------|-----------|-------|-----|-------------|-------------|-------------|-----------|---------------|
| SKU | SKU Description | SKU | SKU Description | | | | | | | | |
| 78867 | LPL-W18-060C-927 | 78893 | LPL-G18-060C-927 | 12 | 2700K | 93 | 60 (clear) | 460 | 290 | 6.8 | 43 |
| 78855 | LPL-W09-060C-927 | 78881 | LPL-G09-060C-927 | 12 | 2700K | 93 | 60 (clear) | 230 | 145 | 3.4 | 43 |
| 78871 | LPL-W18-090C-927 | 78896 | LPL-G18-090C-927 | 12 | 2700K | 93 | 90 (clear) | 460 | 290 | 6.8 | 43 |
| 78858 | LPL-W09-090C-927 | 78884 | LPL-G09-090C-927 | 12 | 2700K | 93 | 90 (clear) | 230 | 145 | 3.4 | 43 |
| 78874 | LPL-W18-120C-927 | 78899 | LPL-G18-120C-927 | 12 | 2700K | 93 | 120 (clear) | 460 | 290 | 6.8 | 43 |
| 78861 | LPL-W09-120C-927 | 78887 | LPL-G09-120C-927 | 12 | 2700K | 93 | 120 (clear) | 230 | 145 | 3.4 | 43 |
| 78878 | LPL-W18-120D-927 | 78902 | LPL-G18-120D-927 | 12 | 2700K | 93 | 120 (soft) | 460 | 290 | 6.8 | 43 |
| 78864 | LPL-W09-120D-927 | 78890 | LPL-G09-120D-927 | 12 | 2700K | 93 | 120 (soft) | 230 | 145 | 3.4 | 43 |
| 78868 | LPL-W18-060C-930 | 78894 | LPL-G18-060C-930 | 12 | 3000K | 93 | 60 (clear) | 460 | 300 | 6.8 | 44 |
| 78856 | LPL-W09-060C-930 | 78882 | LPL-G09-060C-930 | 12 | 3000K | 93 | 60 (clear) | 230 | 150 | 3.4 | 44 |
| 78872 | LPL-W18-090C-930 | 78897 | LPL-G18-090C-930 | 12 | 3000K | 93 | 90 (clear) | 460 | 300 | 6.8 | 44 |
| 78859 | LPL-W09-090C-930 | 78885 | LPL-G09-090C-930 | 12 | 3000K | 93 | 90 (clear) | 230 | 150 | 3.4 | 44 |
| 78875 | LPL-W18-120C-930 | 78900 | LPL-G18-120C-930 | 12 | 3000K | 93 | 120 (clear) | 460 | 300 | 6.8 | 44 |
| 78862 | LPL-W09-120C-930 | 78888 | LPL-G09-120C-930 | 12 | 3000K | 93 | 120 (clear) | 230 | 150 | 3.4 | 44 |
| 78879 | LPL-W18-120D-930 | 78903 | LPL-G18-120D-930 | 12 | 3000K | 93 | 120 (soft) | 460 | 300 | 6.8 | 44 |
| 78865 | LPL-W09-120D-930 | 78891 | LPL-G09-120D-930 | 12 | 3000K | 93 | 120 (soft) | 230 | 150 | 3.4 | 44 |
| 78870 | LPL-W18-060C-940 | 78895 | LPL-G18-060C-940 | 12 | 4000K | 93 | 60 (clear) | 460 | 320 | 6.8 | 47 |
| 78857 | LPL-W09-060C-940 | 78883 | LPL-G09-060C-940 | 12 | 4000K | 93 | 60 (clear) | 230 | 160 | 3.4 | 47 |
| 78873 | LPL-W18-090C-940 | 78898 | LPL-G18-090C-940 | 12 | 4000K | 93 | 90 (clear) | 460 | 320 | 6.8 | 47 |
| 78860 | LPL-W09-090C-940 | 78886 | LPL-G09-090C-940 | 12 | 4000K | 93 | 90 (clear) | 230 | 160 | 3.4 | 47 |
| 78877 | LPL-W18-120C-940 | 78901 | LPL-G18-120C-940 | 12 | 4000K | 93 | 120 (clear) | 460 | 320 | 6.8 | 47 |
| 78863 | LPL-W09-120C-940 | 78889 | LPL-G09-120C-940 | 12 | 4000K | 93 | 120 (clear) | 230 | 160 | 3.4 | 47 |
| 78880 | LPL-W18-120D-940 | 78904 | LPL-G18-120D-940 | 12 | 4000K | 93 | 120 (soft) | 460 | 320 | 6.8 | 47 |
| 78866 | LPL-W09-120D-940 | 78892 | LPL-G09-120D-940 | 12 | 4000K | 93 | 120 (soft) | 230 | 160 | 3.4 | 47 |

Ordering Description (Components)

| SKU | Description Code | SKU Description | Pack Qty |
|-------|------------------|------------------------------------|----------|
| 74601 | GE060/G/V12T1-A | LED Driver - 12V 60W | 1/EA |
| 74914 | GE020/G/V12T1-B | LED Driver - 12V 20W | 1/EA |
| 78905 | LC-36 | Leader Cable - 914mm | 5/PK |
| 78906 | LC-120 | Leader Cable - 3048mm | 5/PK |
| 78907 | JC-12 | Jumper Cable - 305mm | 5/PK |
| 78908 | JC-72 | Jumper Cable - 1829mm | 5/PK |
| 78909 | MB-W15 | Mounting Bracket - White 15° Angle | 20/PK |
| 78910 | MB-W30 | Mounting Bracket - White 30° Angle | 20/PK |
| 78910 | MB-G15 | Mounting Bracket - Grey 15° Angle | 20/PK |
| 78912 | MB-G30 | Mounting Bracket - Grey 30° Angle | 20/PK |

LED Hard Strip

GE' s newly launched LED Hard Strip is specially designed for decoration and lighting of curve surface. It can be widely adopted in various applications with specialized request of end users, such as household, hospitality, commercial, signage box, architecture lighting etc.

Specification Features

More safety, more energy saving with longer life time

- 24VDC which is safe voltage
- Replacement of traditional LFL and neon
- Optional CCT(2700K/4000K/5700K) and lumen output to fulfill different kinds of needs
- Without IR and UV, no harm on lightened objective
- IP20 for indoor application

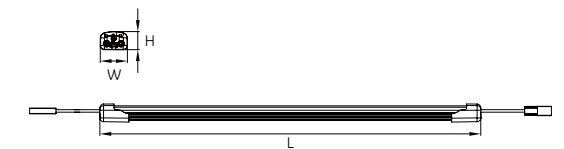
Application

- Light trough
- Outline
- Cabinet



Dimensions

Unit: mm



| | L (mm) | W (mm) | H (mm) |
|-------------|--------|--------|--------|
| 3.6W/5.2W | 310 | 21.5 | 14.3 |
| 7.2W/10.4W | 600 | 21.5 | 14.3 |
| 14.4W/20.8W | 1180 | 21.5 | 14.3 |

Ordering Description

| LHS | L | 24 | 27 | 1FT |
|--------------------|-------------------------|----------|----------------------------------|-------------------------------------|
| Product Type | Category | Voltage | CCT | Length |
| LHS=LED hard strip | L=Normal H=Highlight | 24=24VDC | 27=2700K 40=4000K 57=5700K | 1FT=1Feet 2FT=2Feet 4FT=4Feet |

LED Strip

| SKU | Description | Wattage | Voltage | CCT | Lumen | Size(LxWxHmm) |
|-------|---|---------|---------|-------|--------|----------------|
| 85676 | LHSL-2427-1FT | 3.6W | 24V | 2700K | 250lm | 310x21.5x14.3 |
| 85677 | LHSL-2440-1FT | 3.6W | 24V | 4000K | 250lm | 310x21.5x14.3 |
| 85678 | LHSL-2457-1FT | 3.6W | 24V | 5700K | 250lm | 310x21.5x14.3 |
| 85679 | LHSL-2427-2FT | 7.2W | 24V | 2700K | 500lm | 600x21.5x14.3 |
| 85680 | LHSL-2440-2FT | 7.2W | 24V | 4000K | 500lm | 600x21.5x14.3 |
| 85681 | LHSL-2457-2FT | 7.2W | 24V | 5700K | 500lm | 600x21.5x14.3 |
| 85682 | LHSL-2427-4FT | 14.4W | 24V | 2700K | 1000lm | 1180x21.5x14.3 |
| 85683 | LHSL-2440-4FT | 14.4W | 24V | 4000K | 1000lm | 1180x21.5x14.3 |
| 85684 | LHSL-2457-4FT | 14.4W | 24V | 5700K | 1000lm | 1180x21.5x14.3 |
| 85685 | LHSH-2427-1FT | 5.2W | 24V | 2700K | 340lm | 310x21.5x14.3 |
| 85686 | LHSH-2440-1FT | 5.2W | 24V | 4000K | 340lm | 310x21.5x14.3 |
| 85687 | LHSH-2457-1FT | 5.2W | 24V | 5700K | 340lm | 310x21.5x14.3 |
| 85688 | LHSH-2427-2FT | 10.4W | 24V | 2700K | 680lm | 600x21.5x14.3 |
| 85689 | LHSH-2440-2FT | 10.4W | 24V | 4000K | 680lm | 600x21.5x14.3 |
| 85690 | LHSH-2457-2FT | 10.4W | 24V | 5700K | 680lm | 600x21.5x14.3 |
| 85691 | LHSH-2427-4FT | 20.8W | 24V | 2700K | 1360lm | 1180x21.5x14.3 |
| 85692 | LHSH-2440-4FT | 20.8W | 24V | 4000K | 1360lm | 1180x21.5x14.3 |
| 85693 | LHSH-2457-4FT | 20.8W | 24V | 5700K | 1360lm | 1180x21.5x14.3 |
| 94161 | mount bracket and screw with bulk package | | | | | |

Products with the GE LightTech Driver match

| SKU | Description | Input Voltage | Output Voltage | Wattage |
|-------|--|-------------------|----------------|---------|
| 97393 | LED 100W DC 24V EMS Casting Housing | 220V~240V/50~60Hz | 24VDC | 100W |
| 97410 | LED 12 DC 24V - LED Driver, Constant Voltage, Aluminum Housing, Potted, with Leads | 120V~240V/50~60Hz | 24VDC | 12W |
| 97412 | LED 12 DC 24V Plastic | 120V~240V/50~60Hz | 24VDC | 12W |
| 97506 | LED 60 DC 24 | 100V~277V/50~60Hz | 24VDC | 60W |
| 97507 | LED 60 DC 24 Aluminum | 100V~277V/60Hz | 24VDC | 60W |
| 97525 | LED 25 DC 24 CONVERTER | 90V~277V/50~60Hz | 24VDC | 25W |
| 97526 | LED 25 DC 24 | 85V~277V/50~60Hz | 24VDC | 25W |
| 97527 | LED 25 DC 24 CONVERTER | 85V~277V/50~60Hz | 24VDC | 25W |
| 97745 | LED 200 DC 24V EMS, Unpotted | 220V~240V/50~60Hz | 24VDC | 200W |
| 97759 | LED 150 DC 24V EMS | 220V~240V/50~60Hz | 24VDC | 150W |

LED Soft Strip

PARTNERGE' s newly launched LED Soft Strip is specially designed for decoration and lighting of curve surface. It can be widely adopted in various applications with specialized request of end users, such as household, hospitality, commercial, signage box, architecture lighting etc.

Specification Features

More safety, more energy saving with longer life time

- 24VDC which is safe voltage
- Replacement of traditional LFL and neon
- Optional CCT(2700K/4000K/5700K) and lumen output to fulfill different kinds of needs
- Without IR and UV, no harm on lightened objective
- IP20 for indoor application

Flexible design, easy for installation

- Suitable for application of any shape or dimension
- Every 3 LEDs consist of a circle and could be cut down without damage of other parts

Application

- Light trough
- Outline
- Cabinet

Ordering Description

| LSS | 04 | 24 | 27 | 60 | IP65 |
|--------------------|-----------------------|----------|----------------------------------|-------------|----------------------|
| Product Type | Wattage | Voltage | CCT | LED Qty | others |
| LSS=LED soft strip | 04=4.8W/m 10=10W/m | 24=24VDC | 27=2700K 40=4000K 57=5700K | 60=60LEDs/m | IP65=high protection |



Dimensions

Unit: mm



| L (mm) | W (mm) |
|--------|--------|
| 5000 | 10 |

LED Strip

| SKU | Description | Light Output | CCT | Voltage | LED wattage | CRI | Beam angle | life@ L70 | Length |
|-------|----------------------------------|--------------|-------|---------|-------------|-----|------------|-----------|------------------------------|
| 89821 | LSS04-24-27-60 | 300Lm/m | 2700K | 24VDC | 20W/reel | 80 | 120° | 15000 | |
| 89822 | LSS04-24-40-60 | 400Lm/m | 4000K | 24VDC | 20W/reel | 80 | 120° | 15000 | |
| 89824 | LSS04-24-57-60 | 400Lm/m | 5700K | 24VDC | 20W/reel | 70 | 120° | 15000 | |
| 89825 | LSS10-24-27-60 | 700Lm/m | 2700K | 24VDC | 41W/reel | 80 | 120° | 15000 | |
| 89827 | LSS10-24-40-60 | 850Lm/m | 4000K | 24VDC | 41W/reel | 80 | 120° | 15000 | 5m/reel, min cut length 10cm |
| 89828 | LSS10-24-57-60 | 850Lm/m | 5700K | 24VDC | 41W/reel | 70 | 120° | 15000 | |
| 89829 | LSS10-24-27-60-IP65 | | | | | | | | |
| 89830 | LSS04-24-27-60-IP65 | | | | | | | | |
| 89831 | Connect between strip and driver | | | | | | | | |
| 89832 | Connect between strip and strip | | | | | | | | |

Products with the GE LightTech Driver match

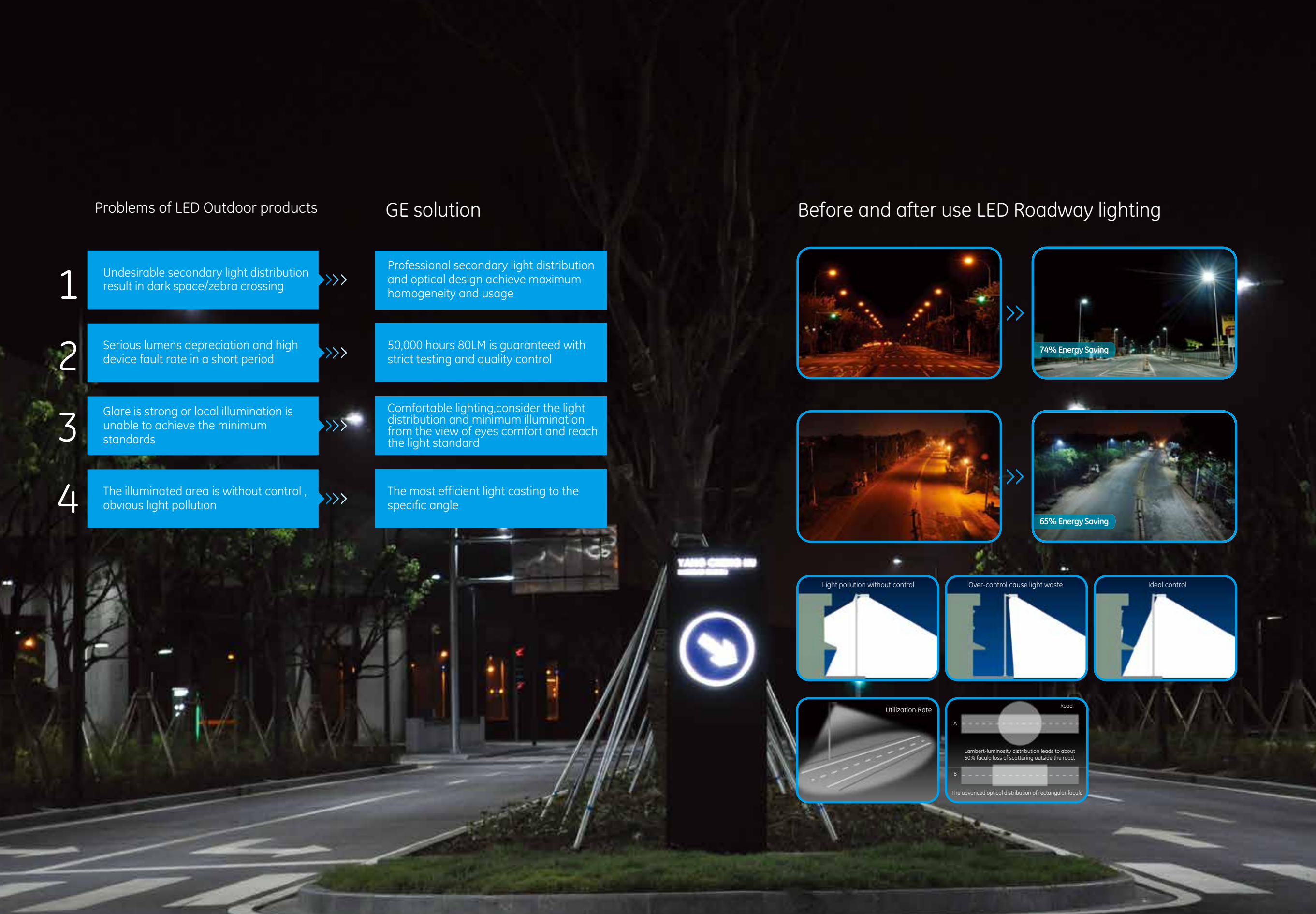
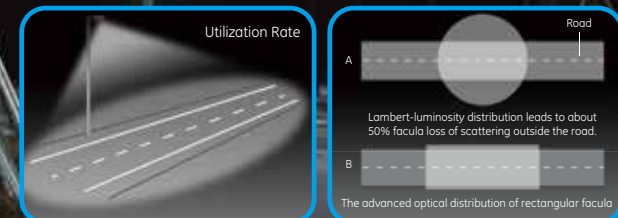
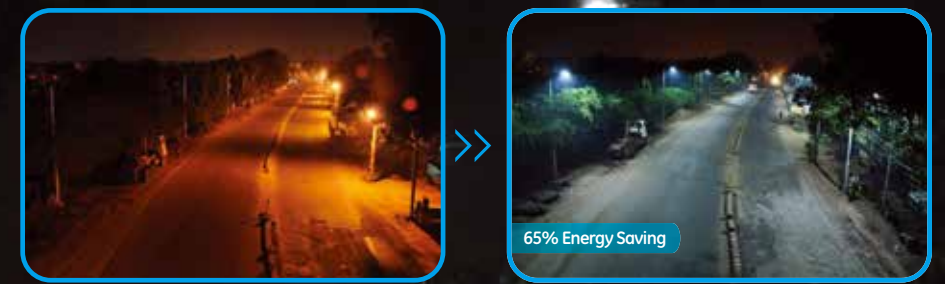
| SKU | Description | Input Voltage | Output Voltage | Wattage |
|-------|--|-------------------|----------------|---------|
| 97393 | LED 100W DC 24V EMS Casting Housing | 220V~240V/50~60Hz | 24VDC | 100W |
| 97410 | LED 12 DC 24V - LED Driver, Constant Voltage, Aluminum Housing, Potted, with Leads | 120V~240V/50~60Hz | 24VDC | 12W |
| 97412 | LED 12 DC 24V Plastic | 120V~240V/50~60Hz | 24VDC | 12W |
| 97506 | LED 60 DC 24 | 100V~277V/50~60Hz | 24VDC | 60W |
| 97507 | LED 60 DC 24 Aluminum | 100V~277V/60Hz | 24VDC | 60W |
| 97525 | LED 25 DC 24 CONVERTER | 90V~277V/50~60Hz | 24VDC | 25W |
| 97526 | LED 25 DC 24 | 85V~277V/50~60Hz | 24VDC | 25W |
| 97527 | LED 25 DC 24 CONVERTER | 85V~277V/50~60Hz | 24VDC | 25W |
| 97745 | LED 200 DC 24V EMS, Unpotted | 220V~240V/50~60Hz | 24VDC | 200W |
| 97759 | LED 150 DC 24V EMS | 220V~240V/50~60Hz | 24VDC | 150W |

Problems of LED Outdoor products

GE solution





- | | | |
|---|---|---|
| 1 | Undesirable secondary light distribution result in dark space/zebra crossing >>>> | Professional secondary light distribution and optical design achieve maximum homogeneity and usage |
| 2 | Serious lumens depreciation and high device fault rate in a short period >>>> | 50,000 hours 80LM is guaranteed with strict testing and quality control |
| 3 | Glare is strong or local illumination is unable to achieve the minimum standards >>>> | Comfortable lighting, consider the light distribution and minimum illumination from the view of eyes comfort and reach the light standard |
| 4 | The illuminated area is without control, obvious light pollution >>>> | The most efficient light casting to the specific angle |

Before and after use LED Roadway lighting



LED Outdoor

Roadway

| | |
|---|---|
|  R150 Pro 52 |  LED Eco R250 54 |
|  R250 56 |  R250 Pro 62 |
|  ERS 65 | |

Tunnel

| |
|---|
|  T250 70 |
|---|



Parking

| | |
|--|--|
|  Area Light 73 |  Module Area Light 74 |
|  Evolve LED Wall Pack & Egress 76 |  Evolve LED Scalable Wall Pack 78 |

Park/walk

| | |
|---|---|
|  LED Iberia 80 |  Duna 82 |
|  Avery 83 |  Twin 86 |

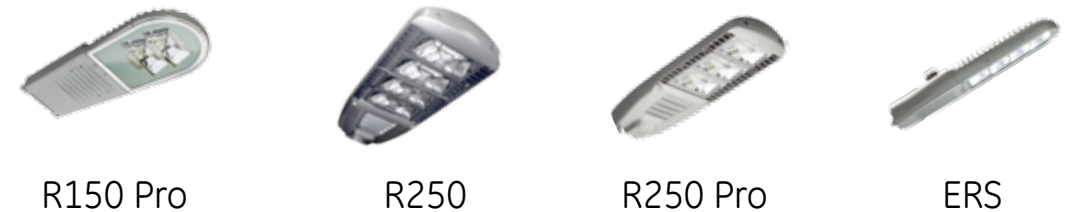
Building

| | |
|---|---|
|  Scalable Flood 89 |  F150 91 |
|---|---|



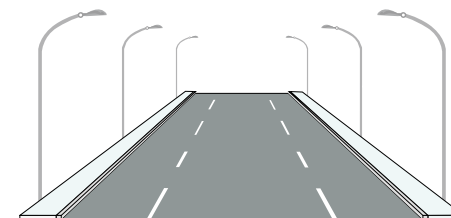
Roadway

With the upgrading of LED and the introduction of new technology, GE will provide more competitive and reliable products, which will better satisfy customers' demands and help customers to realize more energy-saving, environment-friendly and reliable solutions of LED.



Definitions of Roadway Lighting

- L_{av} (cd/m^2): Luminance of the road surface averaged over the carriageway
- LPD (W/m^2): Light Power Density
- E_{av} (lux): Horizontal illuminance averaged over a road area
- U_0 : Ratio of the minimum to average luminance over a defined area of the road surface viewed from a specified observer position ($U_0 = L_{min}/L_{av}$)
- U_l : Ratio of the minimum to maximum luminance along a longitudinal line through the observed position on the carriageway ($U_l = L_{min}/L_{max}$)
- TI : Measure of the loss of visibility caused by the disability glare of the luminaires of a road lighting installation
- SR : Average illuminance of strips just outside the edges of the carriageway in proportion to the average illuminance on strips just inside the edges



H : Mounting height (m)
 L : Luminaire spacing (m)
 W : Road width (m)
 δ : Tilting Angle (°)
 U : Arm length (m)

Roadway

R150 Pro

R150 Pro is designed for Chinese road lighting of high reliability, and has optimization performance. The design life is up to 50,000 hours, compared with the traditional high-pressure sodium lamp, energy saving up to 75%. Unique optical design, effective control of the glare can avoid the light invaded, and improve the evenness of road lighting.

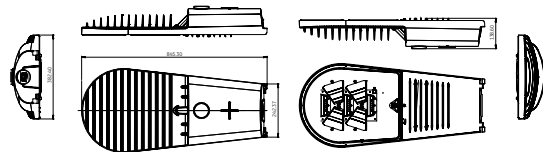
Specification Features

- Die-cast aluminum housing and corrosion resistant polyester powder painted using traditional ERMC mechanical design
- Utilizes High power LEDs, 6000K/4300K (CRI: 70)
- Efficacy>85lm/w
- System rating is 50,000 hrs @ L80 (80% lumen maintenance)
- 220V-240V voltage available with electronic driver, PF>0.9
- Meets ANSI 2G vibration standards

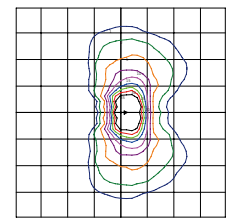


Dimensions

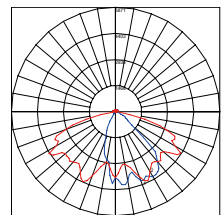
Unit: mm



Photometric Data



Red: Photometric distribution with single fixture on road Lux
High → low



Cd/klm
— C0-C180 — C90-C270



Spacing: 38m
LPD: 0.52W/m²

Ordering Logic

| | | | | | | | | | | | | | | |
|-----------------------------------|---|-------------------------|---|------------------------|---|--------------------------|---|--|---|-------------------|---|-------------------|---|-----------------|
| ERMC | / | 2 | / | S2 | / | 60 | / | C1 | / | G | / | SG | / | C |
| Product ID | | Voltage | | Distribution | | LED CCT | | Lumen | | Fixture Lens Type | | Housing Color | | Option |
| ERMC=LED Roadway Medium Cobrahead | | 2 = 220V-240V (50/60Hz) | | S2 = Asymmetric Medium | | 60 = 6000K 43 = 4300K | | OutputC1=13500Lm C2=11500Lm C4=7650Lm C5=5100Lm | | G=Tempered glass | | SG=Silver Grey | | C=CQC Certified |

Ordering Description

| SKU | SKU Description | Distribution | CCT | Wattage (W) | Lumen (Lm) | Color |
|-------|-----------------|-------------------|-------|-------------|------------|-------------|
| 65086 | ERMC2S260C1GSGC | Asymmetric Medium | 6000K | 157 | 13500 | Silver Grey |
| 64761 | ERMC2S243C1GSG | Asymmetric Medium | 4300K | 157 | 12500 | Silver Grey |
| 68522 | ERMC2S243C2GSG | Asymmetric Medium | 4300K | 140 | 11500 | Silver Grey |
| 69746 | ERMC2S260C4GSG | Asymmetric Medium | 6000K | 90 | 7650 | Silver Grey |
| 68523 | ERMC2S243C5GSG | Asymmetric Medium | 4300K | 60 | 5100 | Silver Grey |

Roadway

LED Eco R250

Eco R250 is a new generation LED module roadway product based on R250 product base, applying latest efficiency LED spot and energy, further advancing the heat dissipation and also providing stability. With the upgrading of LED technology, we can improve energy-saving efficiency and provide more connector to realize better control function.

Specifications And Advantage

- System wattage from 40W ~ 320W
- System lumen output from 3,600 ~32,000 lumen with 1~4 modules
- System LPW from 85 ~ 100
- CCT 4000K/5000K/5700K
- Self-clean heat sink design
- 120V ~277V can fit most regions' standards
- 1~10V Dimming provide more energy saving
- Robust Paint option allows to install at beach without salt fog concern
- Significant energy saving
- Easy maintenance & upgrade during long life time
- Modular design for complete roadway application LED solution platform
- Activated breather in light engine and gear box for thermal dissipation, reduce mist on front glass while balancing pressure inside and outside.

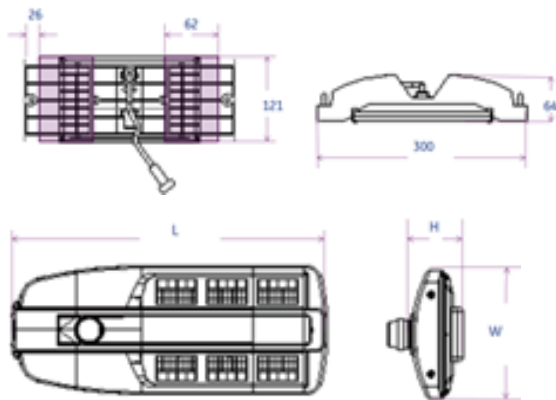
Applications

- Highways and main road
- Local roads and pedestrian walkway
- Car parks and shopping precincts



Dimensions

Unit: mm



| Columnl | L | H | W |
|----------|-----|-----|-----|
| 1 Module | 507 | 129 | 309 |
| 2 Module | 647 | 129 | 309 |
| 3 Module | 762 | 129 | 309 |
| 4 Module | 882 | 129 | 309 |

Ordering Logic

| SYSTEM ORDERING LOGIC | | | | | | |
|-----------------------|-----------|--------------|----------------|-------------|------------------|-----------------|
| ERMS | U | S2 | C | 120W | A | WH |
| PRODUCT ID | VOLTAGE | DISTRIBUTION | LED COLOR TEMP | SYS WATTAGE | LPW | FINISHING COLOR |
| E=LED Product | U = | S= Short | C = 5700K | 40W | A = lm/W (85-90) | SG=RAL9007 |
| R=Roadway | 120V-277V | 2=Type II | C1= 5000K | 80W | B = lm/W(90-95) | LG=RAL7001 |
| M=Modular | (50-60Hz) | | N = 4000K | 120W | C = lm/W(95-100) | WH=RAL8019 |
| S=Systems | | | | 160W | | DB=RAL5010 |
| | | | | 200W | | Contact GE for |
| | | | | 240W | | other colors |
| | | | | 280W | | |
| | | | | 320W | | |

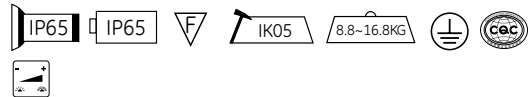
Roadway

R250

R250 is the modularization LED street lamp, with the efficient reflection structure realizing comfortable pollution-free road lighting. It has irreplaceable advantage in the control of glare and the uniformity of light, and can adapt to a variety of road requirements. Through the simple module improved the adaptability and convenience of maintainability with the upgrading of LED

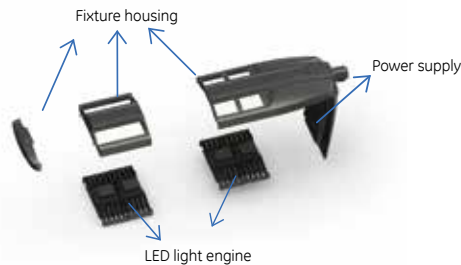
Specification Features

- System rating is 50,000 hours @ L80
- Utilizes High Brightness LEDs, both 4300K & 6000K are available
- 200-240V input voltage, PF>0.9, Class I
- suitable for wet location
- Meets ANSI 2G vibration standards
- Ideal mounting height 4~12m
- 0-10V dimming interface available



R250 Exploded View

Flexible module configuration with 1-4 light engine combination

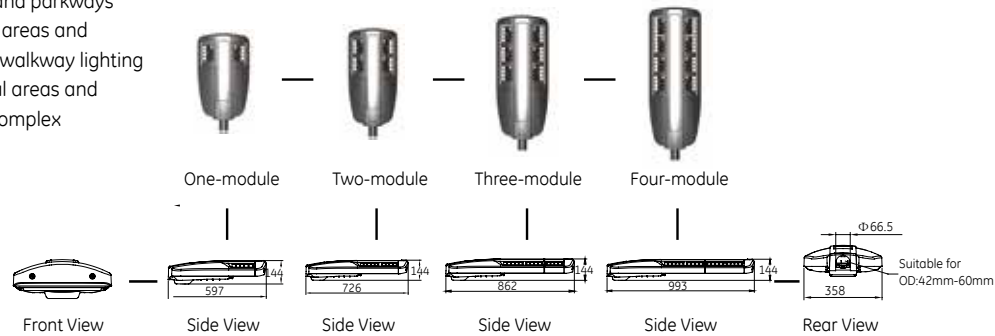


Premium Modular Design To Offer Complete Roadway Platform

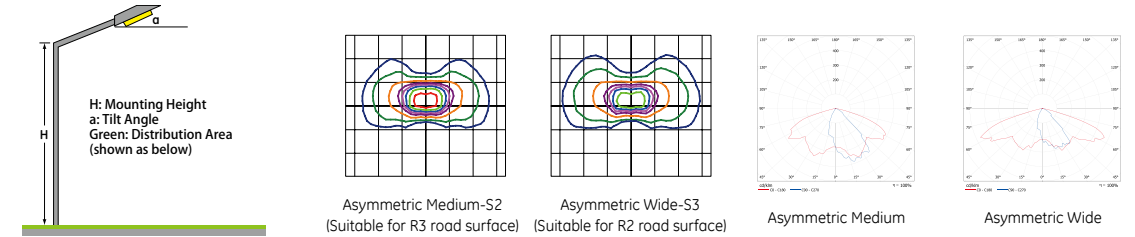
- 39W to 237W scalable using 1 to 4 module construction
- Offer complete lumen package from 2964Lm to 20292Lm
- Uniform light levels for enhanced security camera surveillance
- Reduced light power density enabling energy saving on the road

Applications

- Highways and parkways
- Residential areas and pedestrian walkway lighting
- Commercial areas and industrial complex



Photometric Data

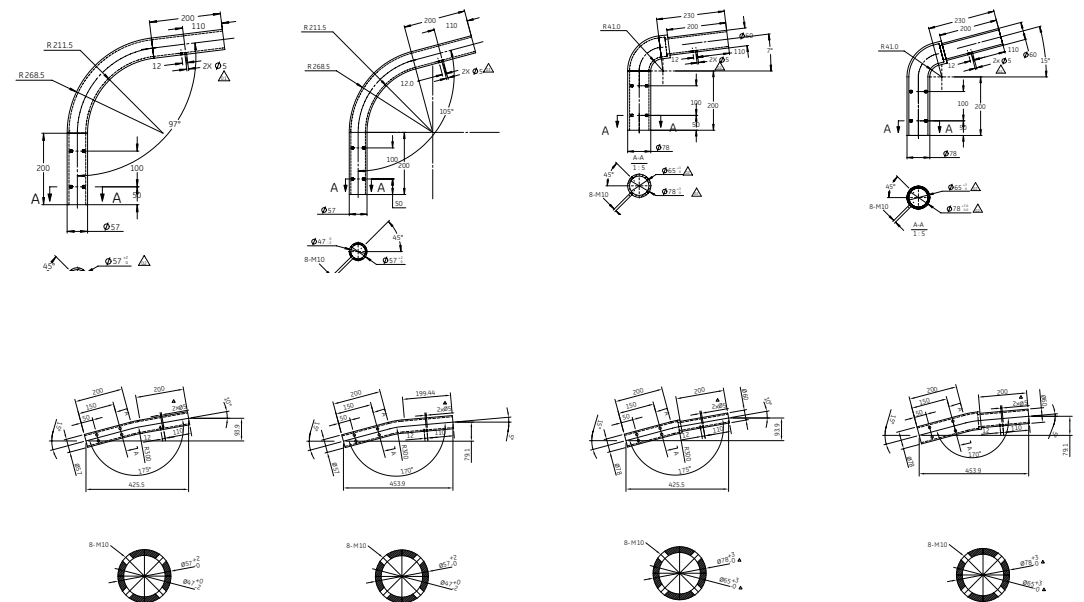


Order Logic

| ERMS | 2 | S2 | 60 | L09 | A | SG | AD |
|-------------------|-------------------------|--|--------------------------|--|--------------------------|---|-----------------|
| PRODUCT ID | VOLTAGE | DISTRIBUTION | CCT | LUMEN OUTPUT* | FIXTURE LENS TYPE | FINISHING COLOR | OPTION |
| E=LED Product | 2 = 200V-240V (50-60Hz) | S2=Asymmetric Medium S3=Asymmetric Medium | 60 = 6000K 43 = 4300K | L01= 3360Lm L02= 5070Lm L03= 6720Lm L04= 8430Lm L05= 10140Lm L06= 11790Lm L07= 13500Lm L08= 15210Lm L09= 16870Lm L10= 18580Lm L11= 20290Lm | A = Acrylic | SG = Silver Grey (More color needed please contact manufacturer) | Anti-Drop Chain |
| R=Roadway | | | | | | | |
| M=Module | | | | | | | |
| S=Systems | | | | | | | |

* Typical lumen output value is based on 6000K asymmetric medium (S2) light distribution. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Tilter



References For OEM

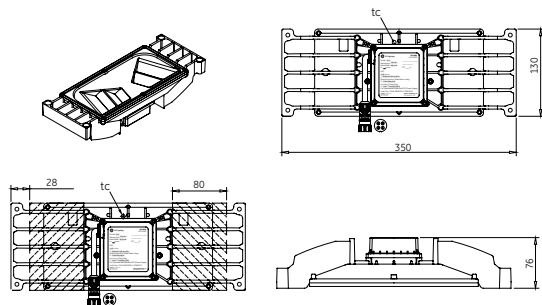
Suggestion On Components Ordering

| Wattage (W) | Module Configuration | Light Engine | | | | Cable Assembly | | | | Power Supply | | |
|-------------|----------------------|-------------------|-------|----------------------|-------|----------------|-------|-------|-------|--------------|-------|-------|
| | | Asymmetric Medium | | Asymmetric Wide (S3) | | 1# | 2# | 3# | 4# | 55W | 110W | |
| | | 34W | 51W | 34W | 51W | | | | | | | |
| | CCT | 6000K | 62786 | 62787 | 62788 | 62789 | 62806 | 62807 | 62808 | 62809 | 62810 | 62811 |
| | | 4300K | 62790 | 62791 | 62792 | 62793 | | | | | | |
| 39 | 1 | | 1 | - | - | - | 1 | - | - | - | 1 | - |
| 59 | 1 | | - | 1 | - | - | 1 | - | - | - | 1 | - |
| 78 | 2 | | 2 | - | - | - | 1 | 1 | - | - | - | 1 |
| 98 | 2 | | 1 | 1 | - | - | 1 | 1 | - | - | - | 1 |
| 118 | 2 | | - | 2 | - | - | 1 | 1 | - | - | - | 1 |
| 138 | 3 | | 2 | 1 | - | - | 1 | 1 | 1 | - | 1 | 1 |
| 158 | 3 | | 1 | 2 | - | - | 1 | 1 | 1 | - | 1 | 1 |
| 178 | 3 | | - | 3 | - | - | 1 | 1 | 1 | - | 1 | 1 |
| 197 | 4 | | 2 | 2 | - | - | 1 | 1 | 1 | 1 | - | 2 |
| 217 | 4 | | 1 | 3 | - | - | 1 | 1 | 1 | 1 | - | 2 |
| 237 | 4 | | - | 4 | - | - | 1 | 1 | 1 | 1 | - | 2 |
| 39 | 1 | | - | - | 1 | - | 1 | - | - | - | 1 | - |
| 59 | 1 | | - | - | - | 1 | 1 | - | - | - | 1 | - |
| 78 | 2 | | - | - | 2 | - | 1 | 1 | - | - | - | 1 |
| 98 | 2 | | - | - | 1 | 1 | 1 | 1 | - | - | - | 1 |
| 118 | 2 | | - | - | - | 2 | 1 | 1 | - | - | - | 1 |
| 138 | 3 | | - | - | 2 | 1 | 1 | 1 | 1 | - | 1 | 1 |
| 158 | 3 | | - | - | 1 | 2 | 1 | 1 | 1 | - | 1 | 1 |
| 178 | 3 | | - | - | - | 3 | 1 | 1 | 1 | - | 1 | 1 |
| 197 | 4 | | - | - | 2 | 2 | 1 | 1 | 1 | 1 | - | 2 |
| 217 | 4 | | - | - | 1 | 3 | 1 | 1 | 1 | 1 | - | 2 |
| 237 | 4 | | - | - | - | 4 | 1 | 1 | 1 | 1 | - | 2 |

For components ordering, please contact our local offices or sales.

Dimensions

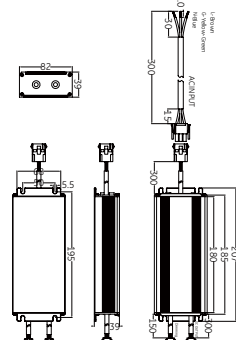
Unit: mm



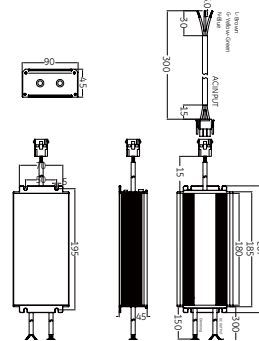
Mounting Accessory

Unit: mm

Power Supply 55W



Power Supply 110W



Components Order Logic

LED Light Engine SKU

| | | | | | | | | | | |
|---|---|---|---|--|---|--|---|---|---|--|
| ERML | / | S2 | / | 60 | / | L01 | / | SG | / | BK06 |
| PRODUCT ID E = LED Product R = Roadway M = Module L = Light Engine | | DISTRIBUTION S2=Asymmetric Medium S3=Asymmetric Wide | | LED COLOR TEMPERATURE 60 = 6000K 43 = 4300K | | LUMEN OUTPUT* L01 = 3360Lm L02 = 5070Lm | | FINISHING COLOR SG = Silver Grey (More color needed please contact manufacturer) | | PACKAGE BK06 = Bulk Package, 6pcs/box SP01 = Single Package |

Power Supply SKU

| | | | | | | |
|--|---|--|---|--|---|--|
| ERMD | / | 2 | / | 06 | / | BK06 |
| PRODUCT ID E = ILED Product R = Roadway M = Module D = Power Supply | | VOLTAGE 2 = 200V-240V (50-60Hz) | | POWER OUTPUT 06 = 55W 11 = 110W | | PACKAGE BK06 = Bulk Package, 6pcs/box SP01 = Single Package |

Cable SKU

| | | | | |
|--|---|---|---|---|
| ERMC | / | M1 | / | 01 |
| PRODUCT ID E = LED Product R = Roadway M = Module C = Cable | | LIGHT ENGINE CONFIGURATION M1 = 1st module M2 = 2nd module M3 = 3rd module M4 = 4th module | | LENGTH 01=300mm 02=430mm 03=560mm 04=690mm |

* Typical lumen output value is based on 6000K asymmetric medium (S2) light distribution. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Roadway

R250 Pro

R250 Pro is a new generation LED module roadway product based on R250 product base, applying latest efficiency LED spot and energy, further advancing the heat dissipation and also providing stability. With the upgrading of LED technology, we can improve energy-saving efficiency and provide more connector to realize better control function.

Features

- System wattage from 37W ~ 216W
- System lumen output from 3400 ~21600 lumen with 3 modules
- System LPW from 83 ~ 105
- CCT 4300K/5700k, option 4000K / 6000K
- Self-clean heat sink design
- 120V ~277V can fit most region standard
- 1~10V Dimming provide more energy saving
- CLO(consistent lumen output) option provide extend long life*
- Robust Paint option allow to install at beach without salt fog concern

Advantage

- Significant energy saving
- Easy maintenance & upgrade during long life time
- Modular design for complete roadway application LED solution platform
- Unique optical design maximum utilized LED multiple light source feature and glare control for traffic safety
- Activated breather in light engine and gear box for thermal dissipation, reduce mist on front glass while working at low temperature

Applications

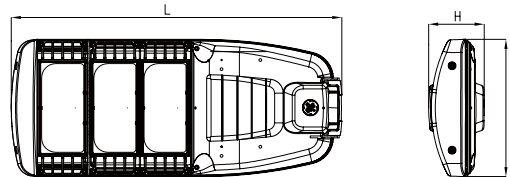
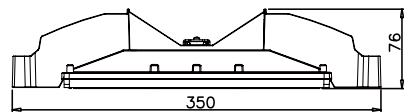
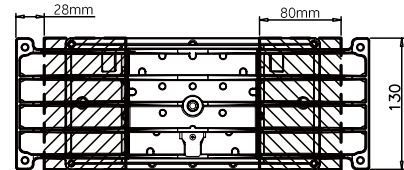
- Highways and main road
- Local roads and pedestrian walkway
- Car parks and shopping precincts

*CLO Option need contact GE for further application discuss.



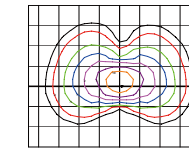
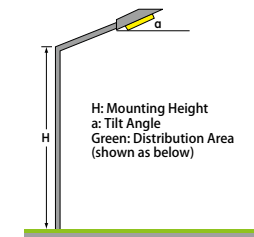
Dimensions

Unit: mm

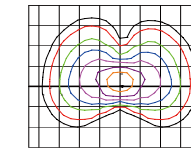


| | |
|---|--|
| Max. Surface Area exposed to wind force | 1.module-0.214m ² 2.modules-0.260m ² 3.modules-0.309m ² |
| Effective Projected Area | 1.module-0.122m ² 2.modules-0.148m ² 3.modules-0.176 m ² |
| Weight and Dimensions (Lx W x H) | 1.module-9.1kg 597X358X144mm 2.modules-11.6kg 726X358X144mm 3.modules-15.5kg 862X358X144mm |

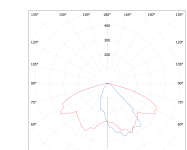
Photometric Data



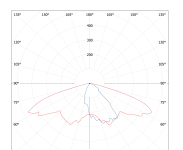
Asymmetric Medium-S2
(Suitable for R3 road surface)



Asymmetric Wide-S3
(Suitable for R2 road surface)



Asymmetric Medium



Asymmetric Wide

Order Logic

| ERMS | U | S2 | C | 110W | C | WH | AT5 |
|--|-------------------------|------------------------------------|-------------------------------|---|---|--|--|
| PRODUCT ID | VOLTAGE | DISTRIBUTION | LED COLOR TEMPERATURE | SYS WATTAGE | LPW | FINISHING COLOR | OPTION |
| E= LED Product R=Roadway M=Module S= Light Engine | U=120-277V (50-60Hz) | S=Short 2=Type II 3=type III | C=5700K/6000K N=4000/4300K | 56 W 75 W 106 W 125 W 142 W 180 W 198 W 216 W (Economic version with drive current) 72 W 138 W 210 W | A=1m/W (75-85) B=1m/W (85-90) C=1m/W (90-95) D=1m/W (95-100) E=1m/W (100-105) F=1m/W (105-110) G=1m/W (110-115) | SG=RAL 9007 LG=RAL 7001 WH=RAL 8019 DB=RAL 5010 (TBD) | AT05=Mounting Arm Titter 5 degrees AT10=Mounting Arm Titter 10 degrees XXXX=Special Option |

* Typical lumen output value is based on 6000K asymmetric medium (S2) light distribution. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Ordering Description

| Product Code | Description | Light Description | CCT | Watt (W) | Lumes (Lm) | Color |
|--------------|-----------------|-------------------|-------|----------|------------|-------------|
| 64860 | ERMSUS2C72WBSG | Asymmetric Medium | 5700K | 72 | 6000 | Silver Gray |
| 64861 | ERMSUS2C138WBG | Asymmetric Medium | 5700K | 138 | 12000 | Silver Gray |
| 64862 | ERMSUS2C210WBSG | Asymmetric Medium | 5700K | 210 | 18000 | Silver Gray |
| 64767 | ERMSUS2C56WDSG | Asymmetric Medium | 5700K | 56 | 5400 | Silver Gray |
| 64768 | ERMSUS2C75WDSG | Asymmetric Medium | 5700K | 75 | 7200 | Silver Gray |
| 64769 | ERMSUS2C106WDSG | Asymmetric Medium | 5700K | 106 | 10800 | Silver Gray |
| 64770 | ERMSUS2C125WDSG | Asymmetric Medium | 5700K | 125 | 12600 | Silver Gray |
| 64771 | ERMSUS2C142WDSG | Asymmetric Medium | 5700K | 142 | 14400 | Silver Gray |
| 64772 | ERMSUS2C180WDSG | Asymmetric Medium | 5700K | 180 | 18000 | Silver Gray |
| 64773 | ERMSUS2C198WDSG | Asymmetric Medium | 5700K | 198 | 19800 | Silver Gray |
| 64774 | ERMSUS2C216WDSG | Asymmetric Medium | 5700K | 216 | 21600 | Silver Gray |
| 64775 | ERMSUS3C56WDSG | Asymmetric Medium | 5700K | 56 | 5400 | Silver Gray |
| 64776 | ERMSUS3C75WDSG | Asymmetric Medium | 5700K | 75 | 7200 | Silver Gray |
| 64777 | ERMSUS3C106WDSG | Asymmetric Medium | 5700K | 106 | 10800 | Silver Gray |
| 64778 | ERMSUS3C125WDSG | Asymmetric Medium | 5700K | 125 | 12600 | Silver Gray |
| 64779 | ERMSUS3C142WDSG | Asymmetric Medium | 5700K | 142 | 14400 | Silver Gray |
| 64781 | ERMSUS3C180WDSG | Asymmetric Medium | 5700K | 180 | 18000 | Silver Gray |
| 64782 | ERMSUS3C198WDSG | Asymmetric Medium | 5700K | 198 | 19800 | Silver Gray |
| 64783 | ERMSUS3C216WDSG | Asymmetric Medium | 5700K | 216 | 21600 | Silver Gray |
| 64848 | ERMSUS2N56WCSG | Asymmetric Medium | 4300K | 56 | 5000 | Silver Gray |
| 64849 | ERMSUS2N75WCSG | Asymmetric Medium | 4300K | 75 | 6600 | Silver Gray |
| 64850 | ERMSUS2N106WCSG | Asymmetric Medium | 4300K | 106 | 10000 | Silver Gray |
| 64851 | ERMSUS2N125WCSG | Asymmetric Medium | 4300K | 125 | 11600 | Silver Gray |
| 64852 | ERMSUS2N142WCSG | Asymmetric Medium | 4300K | 142 | 13200 | Silver Gray |
| 64853 | ERMSUS2N180WCSG | Asymmetric Medium | 4300K | 180 | 16600 | Silver Gray |
| 64854 | ERMSUS2N198WCSG | Asymmetric Medium | 4300K | 198 | 18200 | Silver Gray |
| 64855 | ERMSUS2N216WCSG | Asymmetric Medium | 4300K | 216 | 19800 | Silver Gray |

Evolve LED Roadway Scalable Cobrahead

Product Features

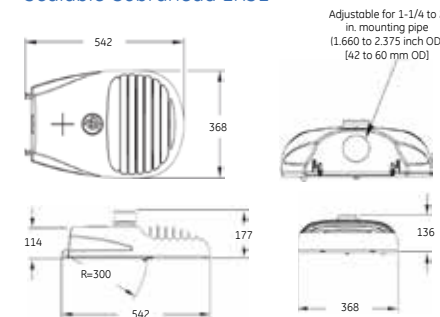
From local to major roadways, the GE Evolve LED Roadway Scalable Cobrahead fixtures are changing the way you light your lanes. Preserving the aesthetic look of traditional roadway Cobrahead fixtures, GE balances the technical needs of a sophisticated LED system with the functional demands of an outdoor fixture facing extreme weather hazards. GE's advanced LED optical design offers hundreds of photometric options to meet your precise lighting requirements, while delivering reduced glare and improved light control. The refined thermal management system incorporates a sleek and robust heat sink directly into the fixture to ensure maximum heat transfer and long LED life.

The GE Evolve LED Roadway Scalable Cobrahead offers more than 11 years of reliable service life to significantly reduce maintenance frequency and expense, based on a 50,000 hour life and 12 hours of operation per day. This efficient fixture can yield up to a 50-percent reduction in system energy compared with standard HID systems, depending on roadway applications, and can also be paired with programmable dimming options for even greater savings and control.

Applications

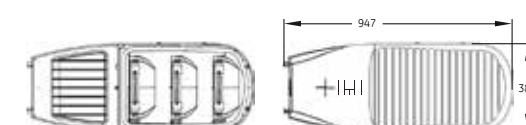
Designed to meet recommended luminance and illuminance requirements for local to major roadway / street classifications.

Scalable Cobrahead ERS1



- Approximate Net Weight: 20 to 25 lbs. (9.07 to 11.34 kgs.)
Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA): 0.5 sq. ft. max (0.046 sq. m)

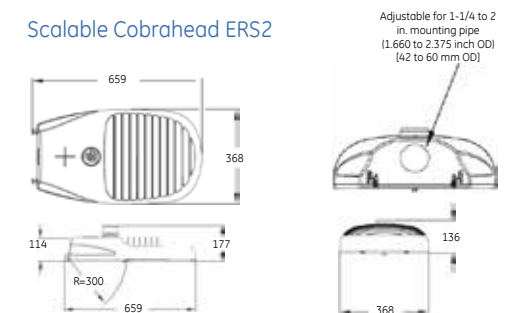
Scalable Cobrahead ERS3



Dimensions

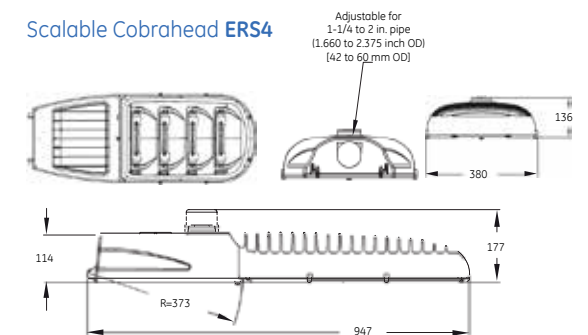
Unit: mm

Scalable Cobrahead ERS2



- Approximate Net Weight: 25 to 29 lbs. (11.34 to 13.15 kgs.)
- Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA): 0.7 sq. ft. max (0.065 sq. m)

Scalable Cobrahead ERS4



- Approximate Net Weight: 40 to 46 lbs. (18.14 to 20.87 kgs.)
- Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA): 1.0 sq. ft. max (0.093 sq. m)

Roadway

Ordering Number Logic

Scalable Cobrahead ERS1

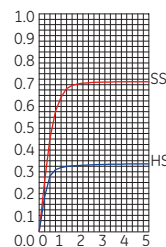
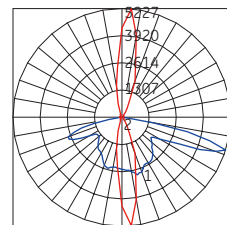
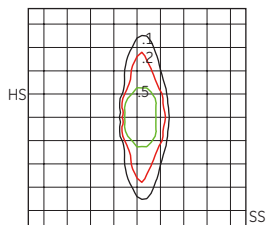
ERS1

| PROD. ID | VOLTAGE | OPTICAL CODE | PHOTOMETRIC TYPE | DRIVE CURRENT | LED COLOR TEMP | PE FUNCTION | COLOR | OPTIONS |
|---|--|--------------|---|--|----------------------|---|---|---|
| E=Evolve R=Roadway S=Scalable 1=Optical Assembly | 0=120-277 H=347-480 1=120* 2=208* 3=240* 4=277* 5=480* D=347* *Specify single voltage only if fuse option is selected. | | AX=Extra Narrow Asymmetric (Medium) BX=Narrow Asymmetric (Medium) CX=Asymmetric (Short) DX=Asymmetric Forward (Very Short) EX=Asymmetric (Medium) | 5=525mA* *Standard drive current is 525mA, 350mA and 700mA drive currents designated with a "3" or "7" respectively are available and set at the factory. | 40=4000K 57=5700K | 1=None 2=PE Rec. 4=PE Rec. with Shorting Cap 5=PE Rec. with Control 7=Dimming PE Receptacle * 9=Dimming PE Receptacle with Shorting Cap * Order dimming control PE as a separate item | BLCK=Black GRAY=Gray Contact manufacturer for other colors. | E=GE Level F=Fusing L=Tool-Less Entry P=Programmable Dimming (includes DALI) T=Extra Surge Protection* XXX=Special Options * Contact manufacturer for details and availability. |

| Optical Code | Photometric Type | Typical Initial Lumens | | Typical System Wattage | | IES File Numbers | |
|--------------|------------------|------------------------|-------|------------------------|----------|------------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | 4000K | 5700K |
| AX | AX | 3100 | 3300 | 43 | 47 | 454886 | 454889 |
| BX | AX | 4100 | 4400 | 54 | 59 | 454887 | 454890 |
| CX | AX | 5100 | 5500 | 67 | 74 | 454888 | 454891 |
| AX | BX | 3300 | 3400 | 43 | 47 | 454669 | 454668 |
| BX | BX | 4300 | 4600 | 54 | 59 | 454670 | 454667 |
| CX | BX | 5300 | 5700 | 67 | 74 | 454659 | 454666 |
| AX | CX | 3200 | 3400 | 43 | 47 | 454662 | 454663 |
| BX | CX | 4200 | 4500 | 54 | 59 | 454661 | 454664 |
| CX | CX | 4200 | 5600 | 67 | 74 | 454660 | 454665 |
| AX | DX | 3300 | 3500 | 43 | 47 | 454892 | 454895 |
| BX | DX | 4300 | 4600 | 54 | 59 | 454893 | 454896 |
| CX | DX | 5300 | 5700 | 67 | 74 | 454894 | 454897 |
| AX | EX | 3000 | 3200 | 43 | 47 | 454653 | 454644 |
| BX | EX | 4000 | 4300 | 54 | 59 | 454652 | 454645 |
| CX | EX | 5000 | 5400 | 67 | 74 | 454651 | 454646 |

Photometrics

ERS1
Extra Narrow Asymmetric (Medium) (CXAX)
5,500 Lumens 5700K
GE454891.ies



Ordering Number Logic

Scalable Cobrahead ERS2

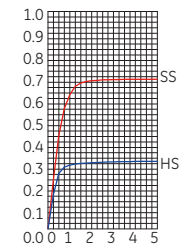
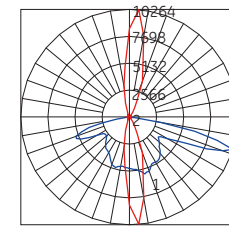
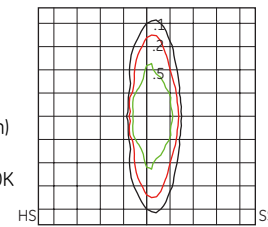
ERS2

| PROD. ID | VOLTAGE | OPTICAL CODE | PHOTOMETRIC TYPE | DRIVE CURRENT | LED COLOR TEMP | PE FUNCTION | COLOR | OPTIONS |
|---|--|--------------|---|--|----------------------|---|---|---|
| E=Evolve R=Roadway S=Scalable 2=Optical Assembly | 0=120-277 H=347-480 1=120* 2=208* 3=240* 4=277* 5=480* D=347* *Specify single voltage only if fuse option is selected. | | AX=Extra Narrow Asymmetric (Medium) BX=Narrow Asymmetric (Medium) CX=Asymmetric (Short) DX=Asymmetric Forward (Very Short) EX=Asymmetric (Medium) | 5=525mA* *Standard drive current is 525mA, 350mA and 700mA drive currents designated with a "3" or "7" respectively are available and set at the factory. | 40=4000K 57=5700K | 1=None 2=PE Rec. 4=PE Rec. with Shorting Cap 5=PE Rec. with Control 7=Dimming PE Receptacle * 9=Dimming PE Receptacle with Shorting Cap * Order dimming control PE as a separate item | BLCK=Black GRAY=Gray Contact manufacturer for other colors. | E=GE Level F=Fusing L=Tool-Less Entry P=Programmable Dimming (includes DALI) T=Extra Surge Protection* XXX=Special Options * Contact manufacturer for details and availability. |

| Optical Code | Photometric Type | Typical Initial Lumens | | Typical System Wattage | | IES File Numbers | |
|--------------|------------------|------------------------|-------|------------------------|----------|------------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | 4000K | 5700K |
| DX | AX | 6000 | 6500 | 82 | 89 | 454898 | 454903 |
| EX | AX | 7000 | 7500 | 94 | 102 | 454899 | 454904 |
| FX | AX | 8000 | 8600 | 106 | 114 | 454900 | 454905 |
| GX | AX | 9000 | 9700 | 118 | 127 | 454901 | 454906 |
| HX | AX | 10000 | 10800 | 130 | 140 | 454902 | 454907 |
| DX | BX | 6300 | 6800 | 82 | 89 | 454684 | 454683 |
| EX | BX | 7300 | 7900 | 94 | 102 | 454685 | 454682 |
| FX | BX | 8400 | 9000 | 106 | 114 | 454686 | 454681 |
| GX | BX | 9400 | 10100 | 118 | 127 | 454687 | 454680 |
| HX | BX | 10500 | 11300 | 130 | 140 | 454688 | 454643 |
| DX | CX | 6200 | 6700 | 82 | 89 | 454675 | 454674 |
| EX | CX | 7300 | 7800 | 94 | 102 | 454676 | 454673 |
| FX | CX | 8300 | 8900 | 106 | 114 | 454677 | 454672 |
| GX | CX | 9300 | 10000 | 118 | 127 | 454678 | 454671 |
| HX | CX | 10300 | 11100 | 130 | 140 | 454679 | 454641 |
| DX | DX | 6300 | 6800 | 82 | 89 | 454908 | 454913 |
| EX | DX | 7300 | 7900 | 94 | 102 | 454909 | 454914 |
| FX | DX | 8400 | 9000 | 106 | 114 | 454910 | 454915 |
| GX | DX | 9400 | 10100 | 118 | 127 | 454911 | 454916 |
| HX | DX | 10400 | 11200 | 130 | 140 | 454912 | 454917 |
| DX | EX | 6000 | 6400 | 82 | 89 | 454658 | 454650 |
| EX | EX | 6900 | 7400 | 94 | 102 | 454657 | 454649 |
| FX | EX | 7900 | 8500 | 106 | 114 | 454656 | 454647 |
| GX | EX | 8800 | 9500 | 118 | 127 | 454655 | 454648 |
| HX | EX | 9900 | 10600 | 130 | 140 | 454654 | 454642 |

Photometrics

ERS2
Extra Narrow Asymmetric (Medium) (HXAX)
10,800 Lumens 5700K
GE454907.ies



Roadway

Ordering Number Logic

Scalable Cobrahead ERS3

ERS3

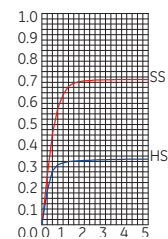
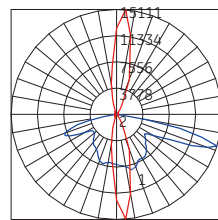
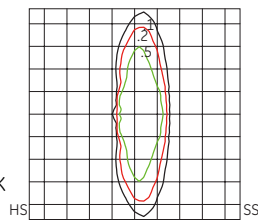
| PROD. ID | VOLTAGE | OPTICAL CODE | PHOTOMETRIC TYPE | DRIVE CURRENT | LED COLOR TEMP | PE FUNCTION | COLOR | OPTIONS |
|---|--|--------------|---|--|----------------------|--|---|---|
| E=Evolve R=Roadway S=Scalable 3=Optical Assembly | 0=120-277 H=347-480 1=120* 2=208* 3=240* 4=277* 5=480* D=347* *Specify single voltage only if fuse option is selected. | | AX=Extra Narrow Asymmetric (Medium) BX=Narrow Asymmetric (Medium) CX=Asymmetric (Short) DX=Asymmetric Forward (Very Short) EX=Asymmetric (Medium) | 5=525mA* *Standard drive current is 525mA, 350mA and 700mA drive currents designated with a "3" or "7" respectively are available and set at the factory. | 40=4000K 57=5700K | 1=None 2=PE Rec. 4=PE Rec. with Shorting Cap 5=PE Rec. with Control 7=Dimming PE Receptacle* 9=Dimming PE Receptacle with Shorting Cap * Order dimming control PE as a separate item | BLCK=Black GRAY=Gray Contact manufacturer for other colors. | E=GE Level F=Fusing L=Tool-Less Entry P=Programmable Dimming (includes DALI) T=Extra Surge Protection* XXX=Special Options * Contact manufacturer for details and availability. |

| Optical Code | Photometric Type | Typical Initial Lumens | | Typical System Wattage | | IES File Numbers | |
|--------------|------------------|------------------------|-------|------------------------|----------|------------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | 4000K | 5700K |
| JK | AX | 11100 | 11900 | 148 | 164 | 454918 | 454923 |
| KX | AX | 12100 | 13000 | 159 | 177 | 454919 | 454924 |
| LX | AX | 13100 | 14100 | 172 | 191 | 454920 | 454925 |
| MX | AX | 14000 | 15000 | 183 | 204 | 454921 | 454926 |
| NX | AX | 14800 | 15900 | 196 | 218 | 454922 | 454927 |
| JK | BX | 11600 | 12500 | 148 | 164 | 454928 | 454933 |
| KX | BX | 12600 | 13600 | 159 | 177 | 454929 | 454934 |
| LX | BX | 13700 | 14700 | 172 | 191 | 454930 | 454935 |
| MX | BX | 14700 | 15800 | 183 | 204 | 454931 | 454936 |
| NX | BX | 15500 | 16700 | 196 | 218 | 454932 | 454937 |
| JK | CX | 11400 | 12300 | 148 | 164 | 454938 | 454943 |
| KX | CX | 12500 | 13400 | 159 | 177 | 454939 | 454944 |
| LX | CX | 13500 | 14500 | 172 | 191 | 454940 | 454945 |
| MX | CX | 14400 | 15500 | 183 | 204 | 454941 | 454946 |
| NX | CX | 15300 | 16400 | 196 | 218 | 454942 | 454947 |
| JK | DX | 11500 | 12400 | 148 | 164 | 454958 | 454963 |
| KX | DX | 12600 | 13600 | 159 | 177 | 454959 | 454964 |
| LX | DX | 13700 | 14700 | 172 | 191 | 454960 | 454965 |
| MX | DX | 14600 | 15700 | 183 | 204 | 454961 | 454966 |
| NX | DX | 15400 | 16600 | 196 | 218 | 454962 | 454967 |
| JK | EX | 10900 | 11700 | 148 | 164 | 454948 | 454953 |
| KX | EX | 11900 | 12800 | 159 | 177 | 454949 | 454954 |
| LX | EX | 12800 | 13800 | 172 | 191 | 454950 | 454955 |
| MX | EX | 13800 | 14800 | 183 | 204 | 454951 | 454956 |
| NX | EX | 14500 | 15600 | 196 | 218 | 454952 | 454957 |

Photometrics

ERS3

Extra Narrow Asymmetric (Medium) (NXAX)
15,900 Lumens 5700K
GE454927.ies



Ordering Number Logic

Scalable Cobrahead ERS4

ERS4

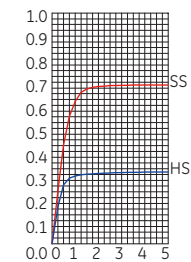
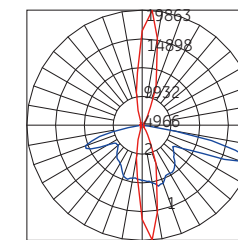
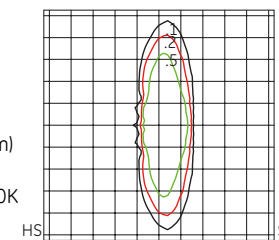
| PROD. ID | VOLTAGE | OPTICAL CODE | PHOTOMETRIC TYPE | DRIVE CURRENT | LED COLOR TEMP | PE FUNCTION | COLOR | OPTIONS |
|---|--|--------------|---|--|----------------------|--|---|---|
| E=Evolve R=Roadway S=Scalable 4=Optical Assembly | 0=120-277 H=347-480 1=120* 2=208* 3=240* 4=277* 5=480* D=347* *Specify single voltage only if fuse option is selected. | | AX=Extra Narrow Asymmetric (Medium) BX=Narrow Asymmetric (Medium) CX=Asymmetric (Short) DX=Asymmetric Forward (Very Short) EX=Asymmetric (Medium) | 5=525mA* *Standard drive current is 525mA, 350mA and 700mA drive currents designated with a "3" or "7" respectively are available and set at the factory. | 40=4000K 57=5700K | 1=None 2=PE Rec. 4=PE Rec. with Shorting Cap 5=PE Rec. with Control 7=Dimming PE Receptacle* 9=Dimming PE Receptacle with Shorting Cap * Order dimming control PE as a separate item | BLCK=Black GRAY=Gray Contact manufacturer for other colors. | E=GE Level F=Fusing L=Tool-Less Entry P=Programmable Dimming (includes DALI) T=Extra Surge Protection* XXX=Special Options * Contact manufacturer for details and availability. |

| Optical Code | Photometric Type | Typical Initial Lumens | | Typical System Wattage | | IES File Numbers | |
|--------------|------------------|------------------------|-------|------------------------|----------|------------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | 4000K | 5700K |
| PX | AX | 15900 | 17100 | 209 | 232 | 454968 | 454973 |
| QX | AX | 16700 | 18000 | 222 | 246 | 454969 | 454974 |
| RX | AX | 17600 | 18900 | 235 | 261 | 454970 | 454975 |
| SX | AX | 18500 | 19900 | 244 | 271 | 454971 | 454976 |
| TX | AX | 19400 | 20900 | 258 | 287 | 454972 | 454977 |
| PX | BX | 16600 | 17900 | 209 | 232 | 454978 | 454983 |
| QX | BX | 17500 | 18800 | 222 | 246 | 454979 | 454984 |
| RX | BX | 18400 | 19800 | 235 | 261 | 454980 | 454985 |
| SX | BX | 19400 | 20900 | 244 | 271 | 454981 | 454986 |
| TX | BX | 20400 | 21900 | 258 | 287 | 454982 | 454987 |
| PX | CX | 16400 | 17600 | 209 | 232 | 454988 | 454993 |
| QX | CX | 17200 | 18500 | 222 | 246 | 454989 | 454994 |
| RX | CX | 18100 | 19500 | 235 | 261 | 454990 | 454995 |
| SX | CX | 19100 | 20500 | 244 | 271 | 454991 | 454996 |
| TX | CX | 20000 | 21500 | 258 | 287 | 454992 | 454997 |
| PX | DX | 16600 | 17800 | 209 | 232 | 455008 | 455013 |
| QX | DX | 17400 | 18700 | 222 | 246 | 455009 | 455014 |
| RX | DX | 18300 | 19700 | 235 | 261 | 455010 | 455015 |
| SX | DX | 19300 | 20800 | 244 | 271 | 455011 | 455016 |
| TX | DX | 20300 | 21800 | 258 | 287 | 455012 | 455017 |
| PX | EX | 15600 | 16800 | 209 | 232 | 454998 | 455003 |
| QX | EX | 16400 | 17600 | 222 | 246 | 454999 | 455004 |
| RX | EX | 17300 | 18600 | 235 | 261 | 455000 | 455005 |
| SX | EX | 18100 | 19500 | 244 | 271 | 455001 | 455006 |
| TX | EX | 19100 | 20500 | 258 | 287 | 455002 | 455007 |

Photometrics

ERS4

Extra Narrow Asymmetric (Medium) (TXAX)
20,900 Lumens 5700K
GE454977.ies



Tunnel

Tunnel

- Tunnel is defined as a structure over a roadway that restricts the normal daytime illumination such that the drivers visibility is substantially diminished.
- Durability and precise light distribution are two essential characteristics of tunnel luminaires.
- GE LED tunnel fixture uses a high efficient optical system which provides high uniformity and excellent vertical light distribution with reduced glare.



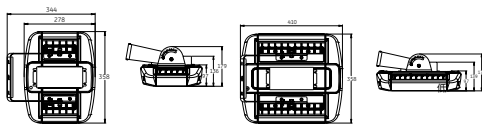
T250

Through the unique reflex optical design, fully comply with biological optical comfortable lighting standards. Through the effective control of the glare, greatly guarantee the tunnel traffic safety. The modularization led tunnel light solutions, ensure led long life characteristics and convenience of maintenance.

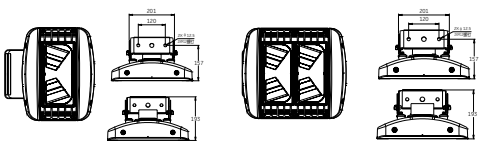
Dimensions

Unit: mm

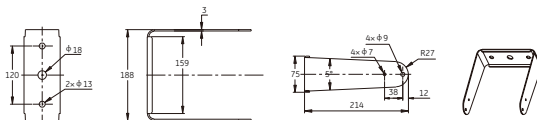
1-Module Configuration (With Bracket)



2-Module Configuration (With Bracket)



Bracket



Specification Features

- System rating is 50,000 hours @ L80 (80% lumen aintenance)
- Optimized optical design based on international road tunnel and underpass lighting regulations (JTJ 026.1-1999, CIE 88:2004)
- Utilizes High Brightness LEDs, 70CRI @ 6000K/4300K
- 200-240V input voltage available with electronic driver, PF>0.9, IP66 rated, suitable for wet location
- Meets ANSI 2G vibration standards
- Ideal mounting height 4m-8m
- Optimal operation temperature: -25°C~40°C

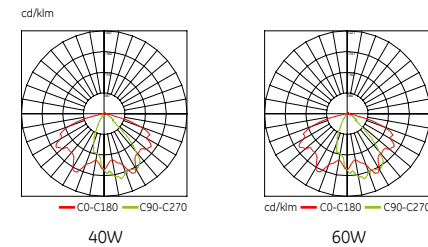


Applications

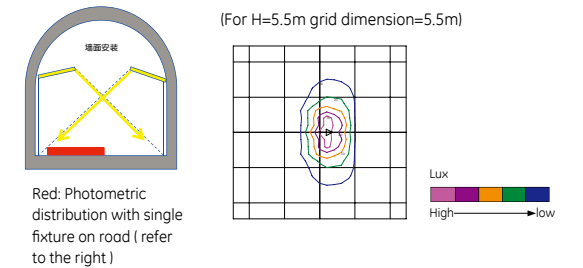
- Road tunnels
- underpass lighting

Photometric Data

1. Polar Chart



2. Light distribution



Order Logic

| | | | | | | | | | | | | | | |
|--|---|----------------------------|---|-------------------------|---|--------------------------|---|---|---|--------------------|---|-----------------|---|-----------------|
| ETMS | / | 2 | / | S2 | / | 60 | / | A1 | / | G | / | SG | / | C |
| Product ID | | Voltage | | Distribution | | LED CCT | | Lumen Output | | Fixture Lens Type | | Finishing Color | | Option |
| E=Evolve T=Tunnel M=Modular S=Systems | | 2 = 200V-240V (50/60Hz) | | S2=Asymmetric Medium | | 60 = 6000K 43 = 4300K | | A1= 3420Lm A2= 5130Lm A3= 6840Lm A4= 10260Lm | | G = Tempered Glass | | SG=Silver Grey | | C=CQC certified |

Ordering Description

| SKU | SKU Description | Configuration | Distribution | CCT | Wattage (W) | Lumen (Lm) | Color | Remark |
|-------|-------------------|---------------|-------------------|-------|-------------|------------|-------------|------------|
| 64710 | ETMS2S260A1GSGC | 1 | Asymmetric Medium | 6000K | 40 | 3400 | Silver Grey | No Bracket |
| 69966 | ETMS2S243A2GSG | 1 | Asymmetric Medium | 4300K | 60 | 4700 | Silver Grey | No Bracket |
| 64711 | ETMS2S260A2GSGC | 1 | Asymmetric Medium | 6000K | 60 | 5100 | Silver Grey | No Bracket |
| 64712 | ETMS2S260A3GSGC | 2 | Asymmetric Medium | 6000K | 80 | 6800 | Silver Grey | No Bracket |
| 66523 | ETMS2S260A5GSGC | 2 | Asymmetric Medium | 6000K | 100 | 8500 | Silver Grey | No Bracket |
| 69419 | ETMS2S240A4GSGE-S | 2 | Symmetric Medium | 6000K | 120 | 9600 | Silver Grey | No Bracket |
| 64713 | ETMS2S260A4GSGC | 2 | Asymmetric Medium | 6000K | 120 | 10300 | Silver Grey | No Bracket |
| 65851 | ETMSBKSG | - | - | - | - | - | Silver Grey | Bracket |



Parking

GE outdoor area site lighters are designed to effectively throw light where it is intended. The result is effective light distribution without hot spots or dark spots while reducing operating costs.



Area Light



Module Area Light



Wall Pack & Egress



Scalable Wall Pack

Why use the Evolve LED Area Light ?

• Save Energy

Less site wattage due to uniformity
Instant re-strike
Lower LPD (better utilization)

• Reduce Maintenance

Fewer lamps to replace & dispose

• Be a Good Neighbor

Less light trespass with reduced Shielding
No uplight
Reduce wasted light

• Improve Visual Acuity

Smoother visual transition due to uniformity
Better vertical illuminance

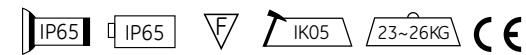
• Environmentally Conscientious

Reduce hazardous waste
Reduce energy consumption

Evolve Area Light featuring an advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved spill control enabling up to a 60% reduction in site energy and 10+ years service life while adhering to security light levels and tightening ordinances.

Specification Features

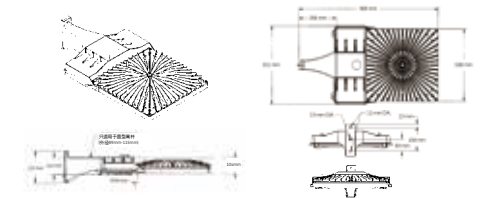
- Die-cast aluminum housing. Slim architectural design incorporates a heat sink directly into the housing ensuring maximum heat dissipation which ensures the long LED life
- Utilizes High Brightness LEDs, 70CRI at 6000K
- System rating is 50,000 hours @ L70 (70% lumen maintenance)
- UL/cUL listed, suitable for wet location
- IP65 rated for both optical assembly and driver compartment
- Meets ANSI 2G vibration standards
- 120V~277V voltage available with electronic driver, PF>0.9, Class I
- Three mounting options are available for easy installations



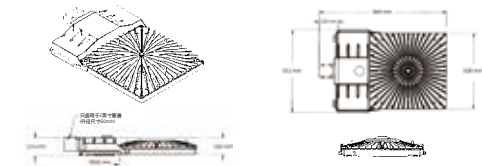
Dimensions

Unit: mm

Mounting option B: 10 inch mounting arm for round pole
EPA: 0.13sqM, Weight: 23-26kg



Mounting option C: 10 inch mounting arm for round pole
EPA: 0.11sqM, Weight: 23-26kg



Applications

- Site lighting, parking lots, walkways, driveways, malls and shopping centers
- Commercial and industrial complexes, residential areas and parkway lighting

Ordering Description

| SKU | SKU Description | Product Description | Light Distribution Type (III, IV, V) | Wattage (W) | Color |
|--------|----------------------|--|--------------------------------------|-------------|-------|
| 188403 | EAMTXS5N60A1BBLCK005 | 120-277V, Sym, 6000K, round pole arm, BLK | Type V, Symmetric Square | 210 | Black |
| 188744 | EAMTXS5N60A1CBLCK005 | 120-277V, Sym, 6000K, slipfitter, BLK | Type V, Symmetric Square | 210 | Black |
| 188405 | EAMTXW3F60A1BBLCK005 | 120-277V, AsymW, Front, 6000K, round pole arm, BLK | Type III, Asymmetric Wide | 132 | Black |
| 188239 | EAMTXW3F60A1CBLCK005 | 120-277V, AsymW, Front, 6000K, slipfitter, BLK | Type III, Asymmetric Wide | 132 | Black |
| 188404 | EAMTXF4F60A1BBLCK005 | 120-277V, AsymF, Front, 6000K, round pole arm, BLK | Type IV, Asymmetric Forward | 94 | Black |
| 188742 | EAMTXF4F60A1CBLCK005 | 120-277V, AsymF, Front, 6000K, slipfitter, BLK | Type IV, Asymmetric Forward | 94 | Black |

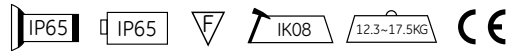
Parking

Module Area Light

Site, area, and general lighting utilizing new generation LED system providing excellent lighting environment with scalable lumen package, optimized light distribution and warm color option.

Specification Features

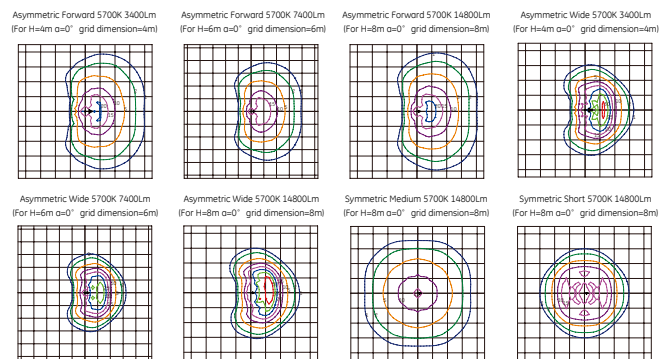
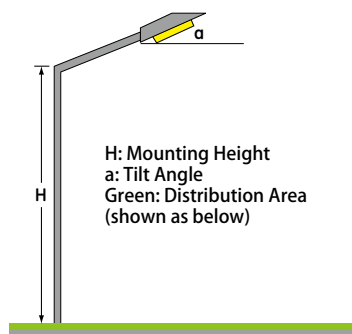
- System rating is 50,000 hours @ L80
- Scalable lumen package from 3130m to 14800Lm
- Module system allows for upgrade and replacement
- Utilizes High Brightness LEDs, both 4000K & 5700K are available
- IP65 rated
- CE listed, suitable for wet location
- Meets ANSI 2G vibration standards
- Ideal mounting height 4~12m
- Ambient temperature -40°C~50°C



Applications

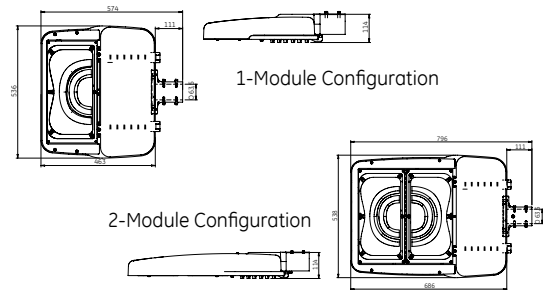
- Area, site and square lighting
- Large and small parking areas
- Security lighting
- Commercial and industrial complex

Photometric Data



Dimensions

Unit: mm



Ordering Description

| SKU | SKU Description | Photometry Distribution Type (III, IV, V) | Wattage (W) | Color | Module Quantity |
|-------------------|--|---|-------------|-------|-----------------|
| EAMMOA5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Medium | 100 | Black | 2 |
| EAMMOA5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Medium | 100 | Black | 2 |
| EAMMOB5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Medium | 126 | Black | 2 |
| EAMMOB5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Medium | 126 | Black | 2 |
| EAMMOC5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Medium | 152 | Black | 2 |
| EAMMOC5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Medium | 152 | Black | 2 |
| EAMMOD5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Medium | 178 | Black | 2 |
| EAMMOD5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Medium | 178 | Black | 2 |
| EAMMOE5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Medium | 202 | Black | 2 |
| EAMMOE5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Medium | 202 | Black | 2 |
| EAMMOF3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 126 | Black | 2 |
| EAMMOF3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 126 | Black | 2 |
| EAMMOF4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 126 | Black | 2 |
| EAMMOF4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 126 | Black | 2 |
| EAMMOG3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 139 | Black | 2 |
| EAMMOG3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 139 | Black | 2 |
| EAMMOG4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 139 | Black | 2 |
| EAMMOG4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 139 | Black | 2 |
| EAMMOH3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 152 | Black | 2 |
| EAMMOH3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 152 | Black | 2 |
| EAMMOH4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 152 | Black | 2 |
| EAMMOH4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 152 | Black | 2 |
| EAMMOJ3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 165 | Black | 2 |
| EAMMOJ3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 165 | Black | 2 |
| EAMMOJ4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 165 | Black | 2 |
| EAMMOJ4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 165 | Black | 2 |
| EAMMOK3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 178 | Black | 2 |
| EAMMOK3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 178 | Black | 2 |
| EAMMOK4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 178 | Black | 2 |
| EAMMOK4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 178 | Black | 2 |
| EAMMOK5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Short | 100 | Black | 2 |
| EAMMOK5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Short | 100 | Black | 2 |
| EAMMOL3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 190 | Black | 2 |
| EAMMOL3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 190 | Black | 2 |
| EAMMOL4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 190 | Black | 2 |
| EAMMOL4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 190 | Black | 2 |
| EAMMOL5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Short | 126 | Black | 2 |
| EAMMOL5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Short | 126 | Black | 2 |
| EAMMOM3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 202 | Black | 2 |
| EAMMOM3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 202 | Black | 2 |
| EAMMOM4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 202 | Black | 2 |
| EAMMOM4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 202 | Black | 2 |
| EAMMOM5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Short | 152 | Black | 2 |
| EAMMOM5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Short | 152 | Black | 2 |
| EAMMON5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Short | 178 | Black | 2 |
| EAMMON5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Short | 178 | Black | 2 |
| EAMMOP5N40A1CBLCK | 120-277V, Sym, 4000K, Slipfitter, BLK | Type V, Symmetric Short | 202 | Black | 2 |
| EAMMOP5N57A1CBLCK | 120-277V, Sym, 5700K, Slipfitter, BLK | Type V, Symmetric Short | 202 | Black | 2 |
| EASMOA3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 50 | Black | 1 |
| EASMOA3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 50 | Black | 1 |
| EASMOA4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 50 | Black | 1 |
| EASMOA4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 50 | Black | 1 |
| EASMOB3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 63 | Black | 1 |
| EASMOB3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 63 | Black | 1 |
| EASMOB4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 63 | Black | 1 |
| EASMOB4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 63 | Black | 1 |
| EASMOC3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 76 | Black | 1 |
| EASMOC3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 76 | Black | 1 |
| EASMOC4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 76 | Black | 1 |
| EASMOC4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 76 | Black | 1 |
| EASMOD3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 89 | Black | 1 |
| EASMOD3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 89 | Black | 1 |
| EASMOD4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 89 | Black | 1 |
| EASMOD4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 89 | Black | 1 |
| EASMOE3F40A1CBLCK | 120-277V, AsymW, Front, 4000K, Slipfitter, BLK | Type III, Asymmetric Wide | 101 | Black | 1 |
| EASMOE3F57A1CBLCK | 120-277V, AsymW, Front, 5700K, Slipfitter, BLK | Type III, Asymmetric Wide | 101 | Black | 1 |
| EASMOE4F40A1CBLCK | 120-277V, AsymF, Front, 4000K, Slipfitter, BLK | Type IV, Asymmetric Forward | 101 | Black | 1 |
| EASMOE4F57A1CBLCK | 120-277V, AsymF, Front, 5700K, Slipfitter, BLK | Type IV, Asymmetric Forward | 101 | Black | 1 |

Parking

Evolve LED Wall Pack & Egress

Product Features

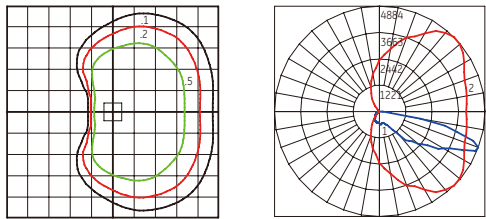
The GE Evolve LED Area Light also offers a wall pack that delivers the same outstanding performance as the modular area light solution. Using the same light engines as the "single module" area light, the wall pack offers identical photometrics, which allows lighting designers to capitalize on the same features without compromise. In keeping with a sleek design strategy, this product offers a modern "wedge" look, balancing the need for photometric scalability with reliable workhorse performance. The wall pack provides 10 photometric combinations, available in two color temperatures, to meet a wide range of application needs. The same wedge platform also offers an egress option to compliment the family, and providing a complete and consistent look for all area lighting applications.

Applications

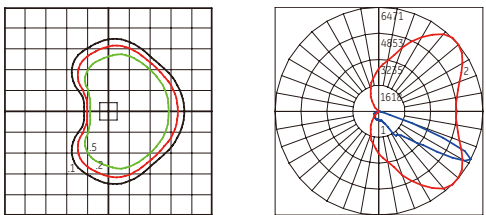
Wall mounted, single module site, area, and general lighting utilizing advanced LED optical system providing high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels.

Photometrics

EWSW Type IV - Asymmetric Forward (E4)
7,400 Lumens, 5700K (GE454407.ies)

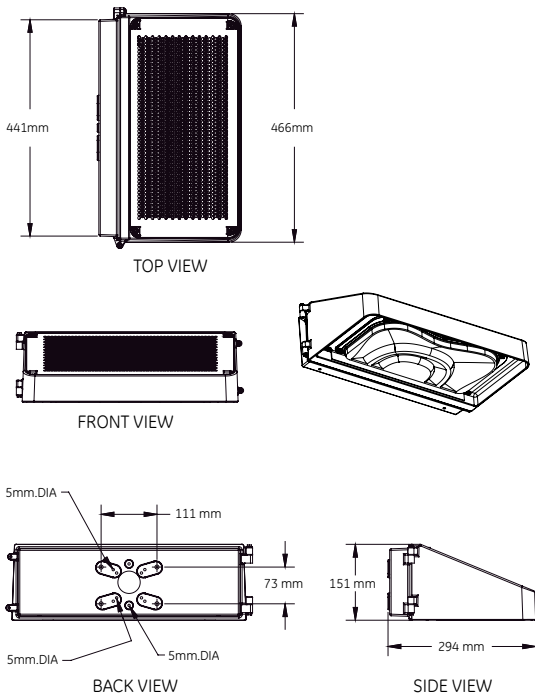


EWSW Type III - Asymmetric Wide (E3)
7,400 Lumens, 5700K (GE454434.ies)



Dimensions

Unit: mm



Ordering Number Logic

| PROD. ID | VOLTAGE | OPTICAL CODE | DISTRIBUTION ORIENTATION | LED COLOR TEMP | LENS TYPE | PE FUNCTION | MOUNTING ARM | COLOR | OPTIONS |
|--------------|---------------|--------------|--------------------------|--------------------------|-------------|-------------|--------------------|--|--|
| E = Evolve | 0 = 120 - 277 | | N = Not applicable | 40 = 4000K 57 = 5700K | A = Acrylic | 1 = NONE | N = Not Applicable | BLCK = Black DKBZ = Dark Bronze Contact factory for other colors | D = Dimmable (0-10 Volt Input)* F = Fusing XXX = Special Options *Contact factory for availability. |
| W = Wallpack | 1 = 120* | | | | | | | | |
| S = Small | 2 = 208* | | | | | | | | |
| W = Wedge | 3 = 240* | | | | | | | | |
| | 4 = 277* | | | | | | | | |
| | 5 = 480* | | | | | | | | |
| | D = 347* | | | | | | | | |

*Specify single voltage if fuse option is selected

| Optical Code | Type | Typical Initial Lumens | | Typical System Wattage | | Distribution Orientation Available | Bug Ratings | | | | | | IES File Number | |
|--------------|--------------------|------------------------|-------|------------------------|----------|------------------------------------|-------------|---|---|-------|---|---|-----------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | | 4000K | | | 5700K | | | 4000K | 5700K |
| A4 | Asymmetric Forward | 3130 | 3400 | 50 | 53 | | 1 | 2 | 1 | 1 | 2 | 1 | 454394 | 454395 |
| B4 | Asymmetric Forward | 4050 | 4400 | 63 | 66 | N | 1 | 2 | 2 | 1 | 2 | 2 | 454397 | 454398 |
| C4 | Asymmetric Forward | 4970 | 5400 | 76 | 80 | N | 1 | 2 | 2 | 1 | 2 | 2 | 454400 | 454401 |
| D4 | Asymmetric Forward | 5890 | 6400 | 89 | 94 | N | 1 | 2 | 2 | 1 | 3 | 2 | 454403 | 454404 |
| E4 | Asymmetric Forward | 6810 | 7400 | 101 | 106 | N | 1 | 3 | 2 | 2 | 3 | 2 | 454406 | 454407 |
| A3 | Asymmetric Forward | 3130 | 3400 | 50 | 53 | N | 1 | 1 | 1 | 1 | 1 | 1 | 454421 | 454422 |
| B3 | Asymmetric Wide | 4050 | 4400 | 63 | 66 | N | 1 | 1 | 1 | 1 | 1 | 1 | 454424 | 454425 |
| C3 | Asymmetric Wide | 4970 | 5400 | 76 | 80 | N | 1 | 1 | 1 | 1 | 1 | 2 | 454427 | 454428 |
| D3 | Asymmetric Wide | 5890 | 6400 | 89 | 94 | N | 1 | 1 | 2 | 1 | 1 | 2 | 454430 | 454431 |
| E3 | Asymmetric Wide | 6810 | 3400 | 101 | 106 | N | 1 | 1 | 2 | 1 | 1 | 2 | 454433 | 454434 |

| PROD. ID | VOLTAGE | OPTICAL CODE | DISTRIBUTION ORIENTATION | LED COLOR TEMP | LENS TYPE | PE FUNCTION | MOUNTING ARM | COLOR | OPTIONS |
|------------|---------------|--------------|--------------------------|--------------------------|-------------|-------------|--------------------|--|-------------------------------------|
| E = Evolve | 0 = 120 - 277 | | N = Not applicable | 40 = 4000K 57 = 5700K | A = Acrylic | 1 = NONE | N = Not Applicable | BLCK = Black DKBZ = Dark Bronze Contact factory for other colors | F = Fusing XXX = Special Options |
| E = Egress | 1 = 120* | | | | | | | | |
| S = Small | 2 = 208* | | | | | | | | |
| W = Wedge | 3 = 240* | | | | | | | | |
| | 4 = 277* | | | | | | | | |

*Specify single voltage if fuse option is selected

| Optical Code | Type | Typical Initial Lumens | | Typical System Wattage | | Distribution Orientation Available | Bug Ratings | | | | | | IES File Number | |
|--------------|--------------------------|------------------------|-------|------------------------|----------|------------------------------------|-------------|---|---|-------|---|---|-----------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | | 4000K | | | 5700K | | | 4000K | 5700K |
| WE | Egress - Asymmetric Wide | 1290 | 1400 | 20 | N/A | N | 0 | 0 | 0 | 0 | 0 | 0 | 454576 | 454575 |

Parking

Evolve LED Scalable Wall Pack

Product Features

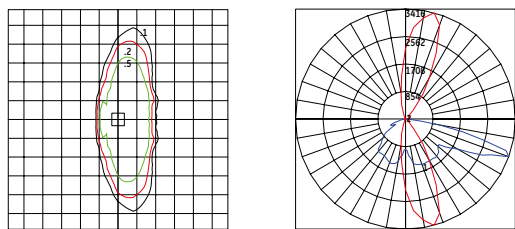
The GE Evolve LED Scalable Wall Pack is optimized for customers looking for an efficient and reliable LED solution for wall mounted, site, area and general lighting applications. Depending on the application, Evolve LED Scalable Wall Pack can yield up to a 75% reduction in system energy consumption compared with standard HID systems. This reliable system operates well in cold temperatures and offers more than 11 years of service life to reduce maintenance frequency and expense, based on a 50,000 hour rated life and 12 hours of operation per day. Containing no mercury or lead, this environmentally responsible product is RoHS compliant.

Applications

Wall mounted, site, area and general lighting utilizing an advanced LED optical system providing uniformity, vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels.

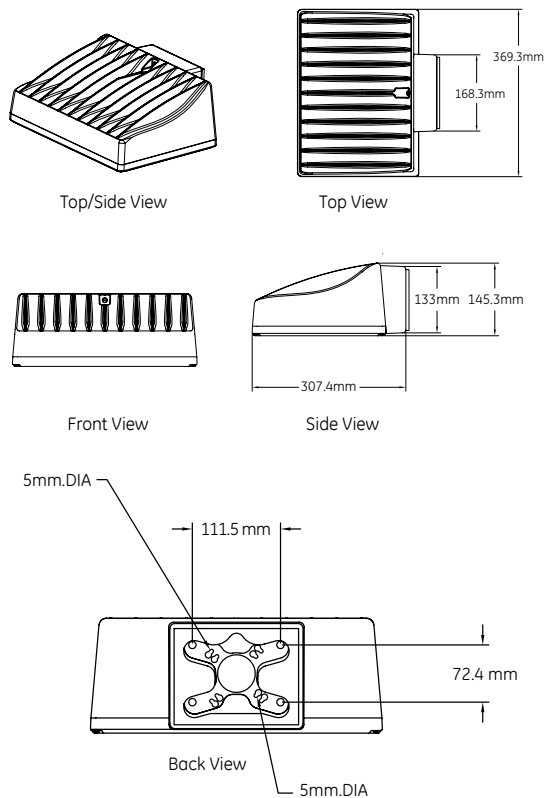
Photometrics

EWS1 - Asymmetric Medium (CE)
5,200 Lumens, 5700K (GE455038.ies)

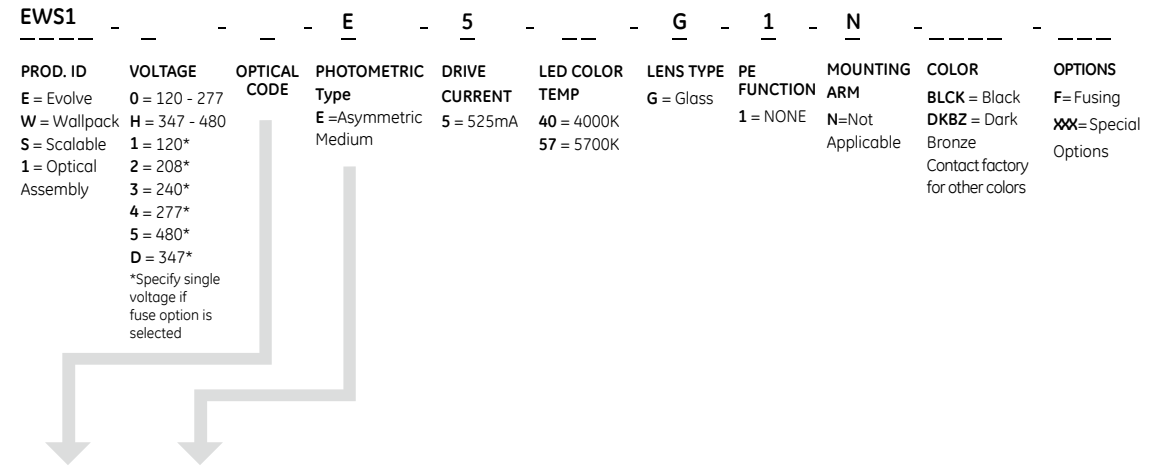


Dimensions

Unit: mm



Ordering Number Logic



| Optical Code | Photometric Type | Typical Initial Lumens | | Typical System Wattage | | IES File Number | |
|--------------|------------------|------------------------|-------|------------------------|----------|-----------------|--------|
| | | 4000K | 5700K | 120-277V | 347-480V | 4000K | 5700K |
| A4 | | 2900 | 3200 | 43 | 47 | 455027 | 455030 |
| B4 | E | 4000 | 4300 | 54 | 59 | 455028 | 455037 |
| C4 | | 4900 | 5200 | 67 | 74 | 455029 | 455038 |

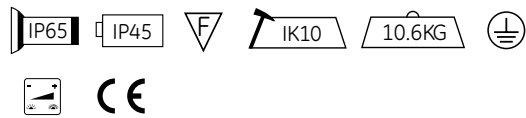
Pack/Walk

LED Iberia

With a wide range of different options, Iberia LED is a versatile luminaire suitable for architectural and urban environments. Iberia LED is a decorative LED luminaire. In wattages up to 90W, it is available with symmetrical and asymmetrical distribution. The flexibility of the different options that are available means it is suitable for all applications in amenity lighting, pedestrian and squares.

Specification Features

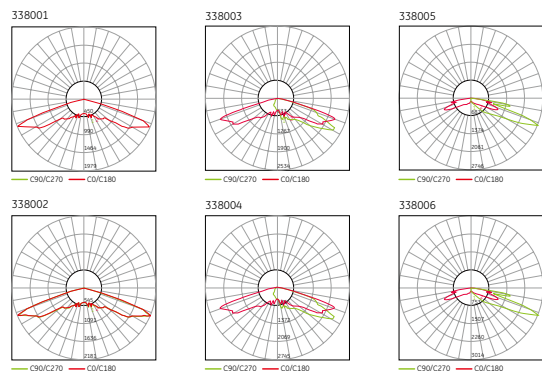
- Die-cast aluminum housing. Decorative luminaire of truncated cone design using LED technology with symmetric and asymmetric light distribution
- Utilizes High Brightness LEDs, both 5600K & 4100K are available
- System rating is 50,000 hours @ L85 (85% lumen maintenance)
- CE listed, suitable for wet location
- IP65 rated for optical assembly
- Meets ANSI 2G vibration standards



Applications

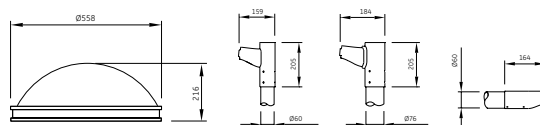
- Parks, gardens, commercial centers, squares, architectural lighting
- Residential areas and pedestrian walkway lighting

Photometric Data



Dimensions

Unit: mm



Ordering Description

| SKU | SKU Description | Accessory Name | CCT | Lumen (Lm) | Photometry Distribution | Wattage (W) |
|--|--|----------------------|-------|------------|-------------------------|-------------|
| Standard Iberia Fixture | | | | | | |
| 338001 | IBERIA/E/LED SYM5/41 GRIS 150 SABLE | - | 4100K | 4900 | Symmetric | 90 |
| 338002 | IBERIA/E/LED SYM5/57 GRIS 150 SABLE | - | 5600K | 5400 | Symmetric | 90 |
| 338003 | IBERIA/E/LED ASY3/41 GRIS 150 SABLE | - | 4100K | 4800 | Asymmetric Wide | 90 |
| 338004 | IBERIA/E/LED ASY3/57 GRIS 150 SABLE | - | 5600K | 5200 | Asymmetric Wide | 90 |
| 338005 | IBERIA/E/LED ASY4/41 GRIS 150 SABLE | - | 4100K | 3100 | Asymmetric Forward | 63 |
| 338006 | IBERIA/E/LED ASY4/57 GRIS 150 SABLE | - | 5600K | 3400 | Asymmetric Forward | 63 |
| Accessory for Standard Iberia Fixture | | | | | | |
| 321082 | ACOP SP6 IBERIA GRIS 150 SABLE | SP6 | - | - | - | - |
| 321086 | ACOP DP6 IBERIA GRIS 150 SABLE | DP6 | - | - | - | - |
| 321087 | ACOP TP6 IBERIA GRIS 150 SABLE | TP6 | - | - | - | - |
| 321088 | ACOP SP7 IBERIA GRIS 150 SABLE | SP7 | - | - | - | - |
| 321089 | ACOP DP7 IBERIA GRIS 150 SABLE | DP7 | - | - | - | - |
| 321090 | ACOP TP7 IBERIA GRIS 150 SABLE | TP7 | - | - | - | - |
| 321091 | ACOP AT IBERIA GRIS 150 SABLE | AT | - | - | - | - |
| 321092 | ACOP WM IBERIA GRIS 150 SABLE | WM | - | - | - | - |
| Yoke Iberia Fixture | | | | | | |
| 338018 | IBERIA/E/LED/L ASY4/41 GRIS 150 SABLE | Yoke Iberia w/ Hooks | 4100K | 3100 | Asymmetric Forward | 63 |
| 338016 | IBERIA/E/LED/L SYM5/41 GRIS 150 SABLE | Yoke Iberia w/ Hooks | 4100K | 4900 | Symmetric | 90 |
| 338022 | IBERIA/E/LED/L ASY3/41 GRIS 150 SABLE | Yoke Iberia w/ Hooks | 4100K | 4800 | Asymmetric Wide | 90 |
| 338025 | IBERIA/E/LED/L ASY4/57 GRIS 150 SABLE | Yoke Iberia w/ Hooks | 5600K | 3400 | Asymmetric Forward | 63 |
| 338026 | IBERIA/E/LED/L SYM5/57 GRIS 150 SABLE | Yoke Iberia w/ Hooks | 5600K | 5400 | Symmetric | 90 |
| 338024 | IBERIA/E/LED/L ASY3/57 GRIS 150 SABLE | Yoke Iberia w/ Hooks | 5600K | 5200 | Asymmetric Wide | 90 |
| Accessory for Yoke Iberia Fixture | | | | | | |
| 321131 | ACOP L IBERIA GRIS 150 SABLE | Yoke | - | - | - | - |

Pack/Walk

Duna

Duna LED is a decorative luminaire of truncated cone design using LED technology up to 88W with symmetrical and asymmetrical distribution.

Specification Features

- Die-cast aluminum housing
- Utilizes high brightness LEDs, both 5600K & 4100K are available
- CE certificate, suitable for wet location
- IP65 rated for optical assembly
- Meets ANSI 2G vibration standards
- Ideal mounting height 4~8m
- System rating is 50,000 hours @ L85
- Designed to operate -40~40°C

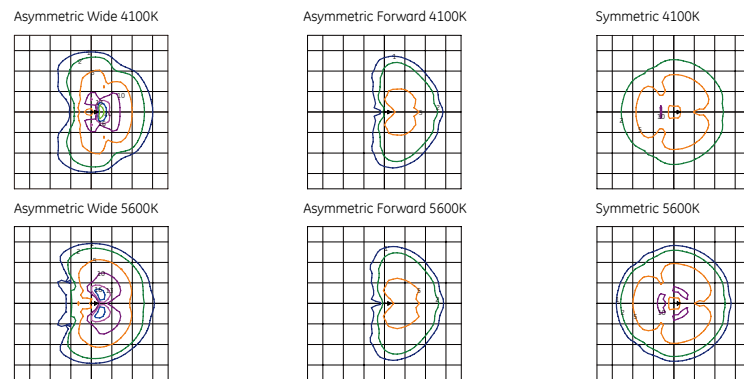
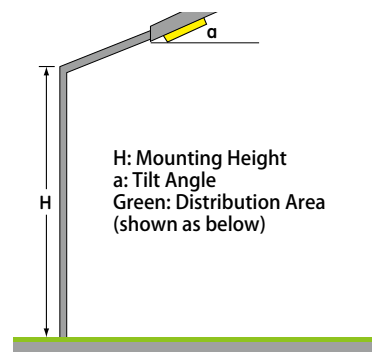


Applications

- Parks, gardens square lighting
- Residential and pedestrian walking lighting

Photometric Data

(For H=6m α=0° grid dimension=6m)



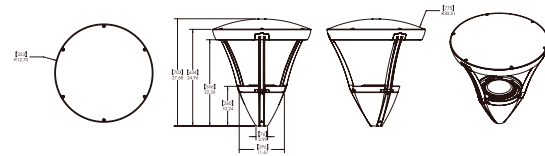
Ordering Description

| SKU | SKU Description | CCT | Lumen (lm) | Photometry Distribution | Wattage (W) | Color | Weight (kg) | Package Weight (kg) | Certificate |
|--------|------------------|-------|------------|-------------------------|-------------|-------------|-------------|---------------------|-------------|
| 339003 | DUNA LED ASY3/41 | 4100K | 4000 | Asymmetric Wide | 88 | GRIS OXYDON | 14.1 | 17.9 | CE |
| 339004 | DUNA LED ASY3/57 | 5600K | 4400 | Asymmetric Wide | 88 | GRIS OXYDON | 14.1 | 17.9 | CE |
| 339005 | DUNA LED ASY4/41 | 4100K | 2000 | Asymmetric Forward | 63 | GRIS OXYDON | 14.1 | 17.9 | CE |
| 339006 | DUNA LED ASY4/57 | 5600K | 2200 | Asymmetric Forward | 63 | GRIS OXYDON | 14.1 | 17.9 | CE |
| 339001 | DUNA LED SYM5/41 | 4100K | 4000 | Symmetric | 88 | GRIS OXYDON | 14.1 | 17.9 | CE |
| 339002 | DUNA LED SYM5/57 | 5600K | 4400 | Symmetric | 88 | GRIS OXYDON | 14.1 | 17.9 | CE |



Dimensions

Unit: mm



Post top mounting O.D. 60mm held in place with three hex head set screws

Avery

Product Features

The new Evolve LED Avery StreetDreams Post Top offers energy efficiency and quality of light in a classic, traditional style. The advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control. GE's unique optical ring technology effectively aims the light where you need it, while eliminating the unsightly shadow circles commonly seen under other LED post top fixtures.

The Avery post top can yield up to a 60-percent reduction in system energy compared with standard HID systems, depending on applications. This reliable system operates well in cold temperatures and offers more than 11 years of service life to reduce maintenance frequency and expense, based on a 50,000 hour life and 12 hours of operation per day. Containing no mercury or lead, this environmentally responsible product is RoHS compliant.

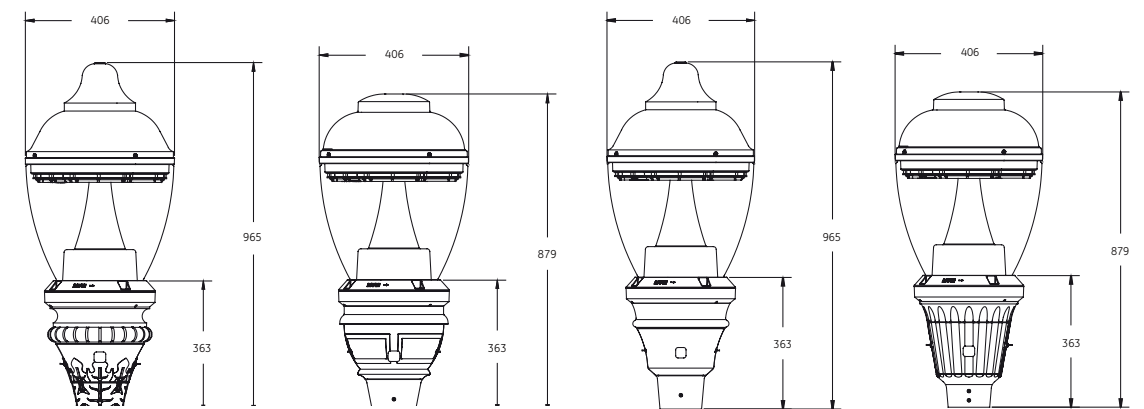


Applications

Roadway, site, area, and general lighting utilizing advanced LED optical system providing high uniformity, excellent vertical illuminance, reduced offsite visibility, and reduced on-site glare.

Dimensions

Unit: mm



POD A WITH COLONY TOP

POD B WITH SCROLL TOP

POD C WITH COLONY TOP

POD D WITH SCROLL TOP

Pack/Walk

Fixture Styles

Pods



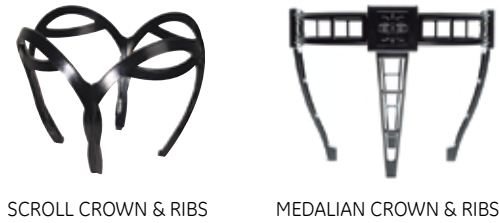
Tops



- Approximate Net Weight: 43 lbs (20 kgs)
- Suggested Mounting Height: 8-16 ft max (2.5-5 m)
- Effective Projected Area (EPA): 1.4 sq ft max (0.13 sq m)

Optional Accessories

Crowns & Ribs



Finials



Ordering Number Logic

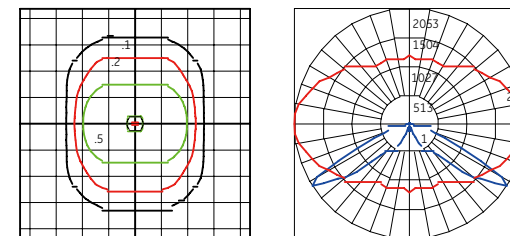
EPAS - - - - - **4 1** - - - - -

| PRODUCT ID | VOLTAGE | OPTICAL CODE | POD TYPE | LED COLOR TEMP | CAGE SELECTION | PE FUNCTION | FINIAL | COLOR | OPTIONS |
|-----------------|-----------|--------------|--------------------------------|----------------|---|--|--------------------------------|---|-----------------------------------|
| E=Enville | 0=120-277 | | A | 41 = 4000K | A = Clear Acrylic w/Colony Top | 1=None | A=Silhouette | BLCK = Black | D=Dimmable (0-10 Volt Input)* |
| P=post top | H=347-480 | | B* | | B = Clear Acrylic w/Colony Top, Medallion C&R | 2=PE Rec. | b=Acorn | DKBZ=Dark Bronze | F=Fusing |
| A=Avery | 1=120* | | C | | C = Clear Acrylic w/Colony Top, Scroll C&R* | 4=PE Rec. with Shorting Cap | C=Fluer-De-Lis | FGRN=Forest Green | T=Extra Surge Protection* |
| S=Street Dreams | 2=208* | | D* | | D = Clear Acrylic w/Scroll Top | 5 =PE Rec. with Control | D=Filagree* | XXXX=Special Contact factory for other colors | XXX= Special Options |
| | 3=240* | | *Contact factory for lead time | | E = Clear Acrylic w/Scroll Top, Medallion C&R | PE control not available for 347-480V. Must be a discrete voltage. | E=Blossom* | | *Contact factory for availability |
| | 4=277* | | | | F = Clear Acrylic w/Scroll Top, Scroll C&R | | F=Spike | | |
| | 5=480* | | | | *Contact factory for lead time | | g=Oak* | | |
| | D=347* | | | | | | h=Steeple | | |
| | | | | | | | J=Gothic | | |
| | | | | | | | X=No Finial | | |
| | | | | | | | *Contact factory for lead time | | |

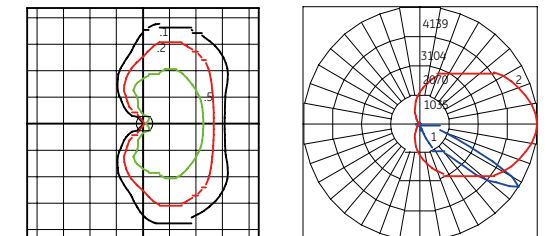
| Optical Code | Type | Typical Initial Lumens | Typical System Wattage | 347-480V | Pole Spacing | Bug Ratings 4100K | | | IES File Number |
|--------------|-----------------|------------------------|------------------------|----------|--------------|-------------------|---|---|-----------------|
| | | 4100K | 120-277V | | 2-4 IAnES | B | U | G | 4100k |
| B5 | Symmetric | 4630 | 86 | 94 | 5:1 | N/A | 2 | 1 | 454608 |
| D5 | Symmetric | 2380 | 49 | 55 | 5:1 | N/A | 2 | 1 | 454610 |
| B3 | Asymmetric Wide | 4630 | 86 | 94 | 5:1 | 2 | 2 | 2 | 454609 |
| D3 | Asymmetric Wide | 2380 | 49 | 55 | 5:1 | 2 | 2 | 2 | 454611 |

Photometrics

EPAS Type V - Symmetric (B5)
4,630 Lumens, 4100K (GE454608.ies)



EPAS Type III - Asymmetric Wide (B3)
4,630 Lumens, 4100K (GE454609.ies)



Pack/Walk

Twin

Product Features

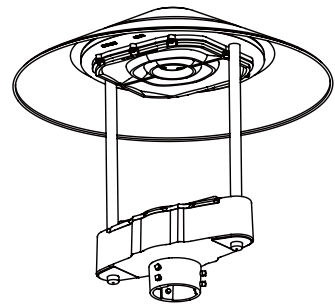
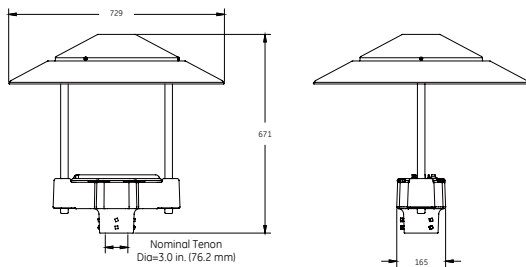
The new Evolve LED Contemporary Twin Support Post Top (EPTC) offers energy efficiency and quality of light in your choice of two distinct, modern styles. The advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control. GE's unique optical ring technology effectively aims the light where you need it, while eliminating the unsightly shadow circles commonly seen under other LED post top fixtures.

The EPTC can yield up to a 60-percent reduction in system energy compared with standard HID systems, depending on applications. This reliable system operates well in cold temperatures and offers more than 11 years of service life to reduce maintenance frequency and expense, based on a 50,000 hour life at 12 hours of operation per day (L85 Rating).

Applications

Roadway, site, area, and general lighting utilizing advanced LED optical system providing high uniformity, excellent vertical illuminance, reduced offsite visibility, and reduced on-site glare.

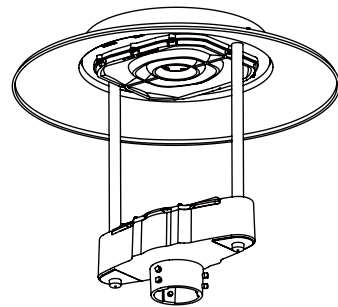
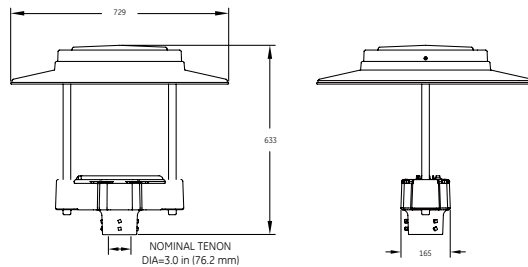
Tiered Cone Top Housing



Dimensions

Unit: mm

Tiered Circular Top Housing



- Approximate Net Weight: <32 lbs. (<14.51 kgs.)
- Suggested Mounting Height: 8-16 ft. (2.5-5 m)
- Effective Projected Area (EPA): 1.12 sq. ft. max (0.10 sq. m)

Ordering Number Logic

EPTC - - - - - 41 - P - L - - - - -

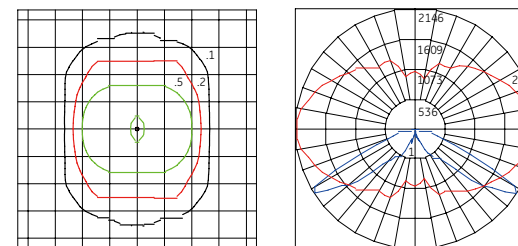
| PROD. ID | VOLTAGE | OPTICAL CODE | LED COLOR TEMP | LENS | ORIENTATION | PE FUNCTION | TOP HOUSING | COLOR | OPTIONS |
|----------------|-----------|--------------|----------------|---------------|-------------|--|-------------|--|---|
| E=Enville | 0=120-277 | | | P= | L | 1=None | A=Tiered | BLCK=Black | D=Dimmable (0-10 Volt Input)* |
| P=Post Top | H=347-480 | | 41=4000K | Polycarbonate | | 2=PE Rec. | Circular | DKBZ=Dark Bronze | F=Fusing |
| T=Twin Support | 1=120* | | | | | 3=Button PE* | B=Tiered | GRAY=Gray | P=Prewire with 6" of 14/3 cable |
| C=Contemporary | 2=208* | | | | | 4=PE Rec with Shorting Cap | Cone | Contact manufacturer for other colors. | XXX= Special Options |
| | 3=240* | | | | | 5=PE Rec with Control PE control not available for 347-480V. Must be a discrete voltage. | | | *Not available at time of launch. Contact manufacturer for details and availability (only available in 120-277V). |
| | 4=277* | | | | | | | | |
| | 5=480* | | | | | | | | |
| | D=347* | | | | | | | | |

*Specify single voltage only if fuse option is selected

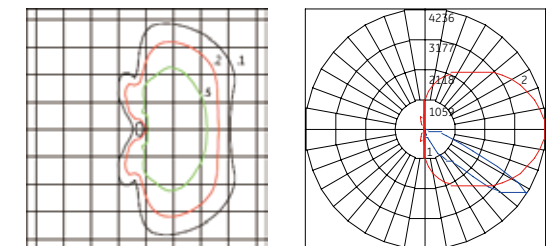
| Optical Code | Type | Typical Initial Lumens 4100K | Typical System Wattage | | Pole Spacing 2-4 IAnES | Bug Ratings 4100k | | | IES File Numbers 4100k |
|--------------|-----------------|---------------------------------|------------------------|----------|---------------------------|----------------------|---|---|---------------------------|
| | | | 120-277V | 347-480V | | B | U | G | |
| B5 | Symmetric | 4630 | 86 | 93 | 5:1 | N/A | 1 | 1 | 454690 |
| D5 | Symmetric | 2380 | 49 | 52 | 5:1 | N/A | 1 | 0 | 454689 |
| B3 | Asymmetric Wide | 4630 | 86 | 93 | 5:1 | 1 | 2 | 1 | 454692 |
| D3 | Asymmetric Wide | 2380 | 49 | 52 | 5:1 | 0 | 2 | 1 | 454691 |

Photometrics

EPTC Type V - Symmetric (B5)
4,630 Lumens, 4100K (GE454690.ies)



EPTC Type III - Asymmetric (B3)
4,630 Lumens, 4100K (GE454692.ies)





Building

LED architectural lighting is mainly used for decoration and highlight in extension building frame, landscape lighting for gardens, parks, pools and fountains by offering colorful changing and magic environment.

- Wall wash lights
- Floodlights
- Strip lights
- Accent lights
- Cove lights
- Festoon and Rope lights
- Path lights



F150

Architectural lighting Can be Separated Into:

- Dynamic lighting
- RGB color changing

The architectural lighting must use full cut-off or directionally shielded lighting fixtures that are aimed and controlled so that the directed light is substantially confined to the object intended to be illuminated.

Scalable Flood

LED F150 has high-pressure cast aluminium electrical box painted electroplating both inside and outside, stainless steel or plating chromium fittings, making the installation flexible and convenient. Scuba patent technology making the optical system precision and efficiency. LED high efficiency and long life, not only provides a bright, diversity, lasting and innovative lighting environment, but also greatly reduce the purchase system and maintenance costs.

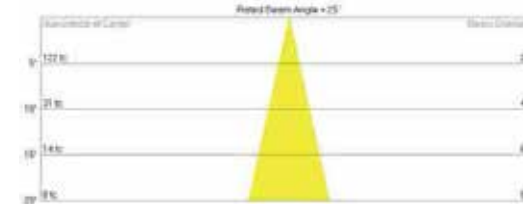
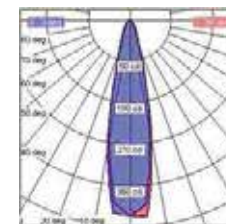
Specifications

- System Lumen output from 6000~28000lm
- Efficiency from 80~100LPW with CCT option
- Special spray painting, salt fog test pass 1000hrs
- 6kv surge protection together with GE led outdoor driver
- Fixture pass 3G 100, 000 times vibration
- GE patent module combine self-cleaning heat sink and optical
- System lift rate 50, 000hrs with LM70
- Weight 5~13kg
- System IP66
- CB certified

Applications

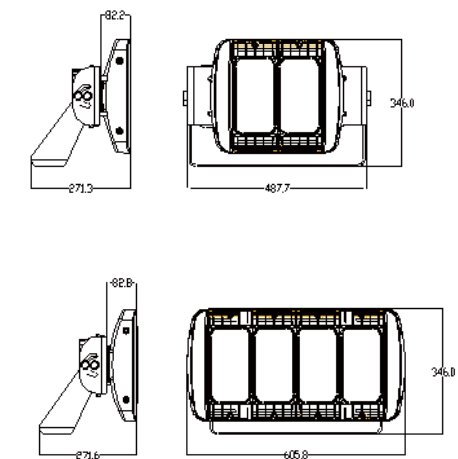
- Container terminal
- ports
- Factory & warehouses

Light distribution



Dimensions

Unit: mm



Ordering Description

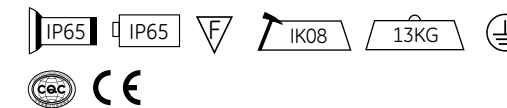
| ORDERING LOGIC | | | | | |
|----------------|--------------|----------------|----------------------|---------------|---------------------|
| ERML | 1 | C | 75W | A | SG |
| PRODUCT ID | DISTRIBUTION | LED CCT | LE WATTAGE | System LPW | FINISHING COLOR |
| E=LED Product | 1 | C = 5700/6000K | 75W/70W 1 module | A = 85~90LPW | SG=RAL9007 |
| F=Roadway | | N = 4000/4300K | 150W/140W 2 module | B = 90~95LPW | LG=RAL7001 |
| M=Modular | | W=3500K | 225W/210W - 3 module | C = 95~100LPW | WH=RAL8019 |
| L=Light Engine | | | 300W/280W - 4module | D = ... | DB=RAL5010 (TBD) |

F150

LED F150 has high-pressure cast aluminium electrical box painted electroplating both inside and outside, stainless steel or plating chromium fittings, making the installation flexible and convenient. Scuba patent technology making the optical system precision and efficiency. LED high efficiency and long life, not only provides a bright, diversity, lasting and innovative lighting environment, but also greatly reduce the purchase system and maintenance costs.

Specification Features

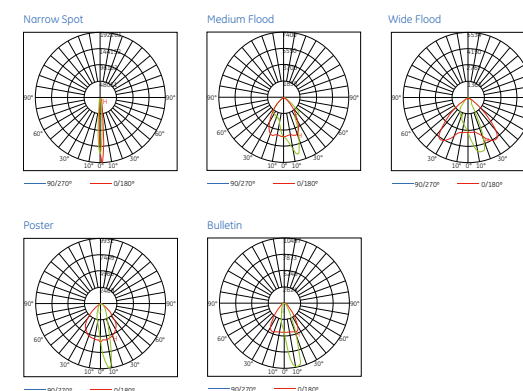
- Die-cast aluminum housing and corrosion resistant polyester powder painted
- Optimized optical design including 5 different light distribution (Narrow Spot / Medium Flood / Wide Flood / Poster* / Bulletin*)
- *Note: Poster & Bulletin are specifically designed for sign lighting applications. Illuminating face is in the vertical plane of the signs.
- Utilizes High Brightness LEDs; 6000K, 4300K and 3000K are available
- System rating is 50,000 hours @ L70 (70% lumen maintenance)
- CQC, CE listed, suitable for wet location
- 200V~277V Voltage available with electronic driver, PF>0.9, Class I
- Meets ANSI 2G vibration standards
- IP65 Rated



Applications

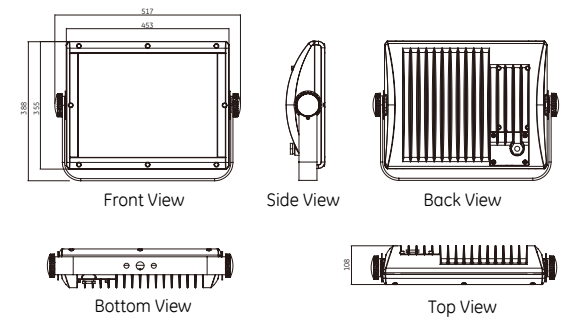
- Architectural, building security and spotlighting
- Parking lots, site, residential areas and pedestrian walkway lighting
- Sign lighting, recreational, facade (ground, structure or wall mounted) lighting

Photometric Data

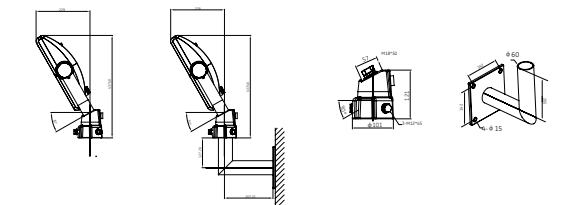


Dimensions

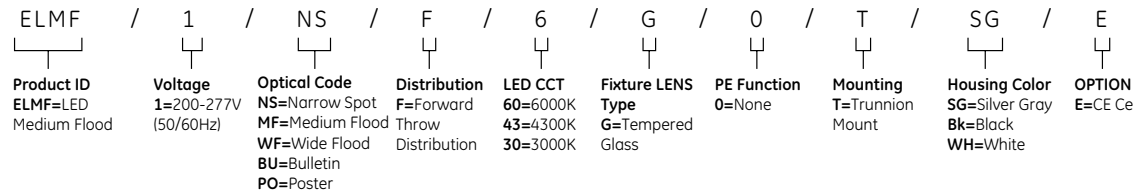
Unit: mm



Mounting Accessory



Ordering Number Logic



Ordering Description

| SKU | SKU Description | Input Voltage (V) | Optical Code | CCT | Color | Weight (kg) |
|-------|------------------|-------------------|--------------|-------|-------------|-------------|
| 61649 | ELMF1NSF60G0TSGC | 200-277 | Narrow Spot | 6000K | Silver Grey | 12.8 |
| 61650 | ELMF1NSF60G0TWHC | 200-277 | Narrow Spot | 6000K | Silver Grey | 12.8 |
| 61651 | ELMF1NSF60G0TBLC | 200-277 | Narrow Spot | 6000K | Black | 12.8 |
| 61652 | ELMF1NSF43G0TSGC | 200-277 | Narrow Spot | 4300K | Silver Grey | 12.8 |
| 61653 | ELMF1NSF43G0TWHC | 200-277 | Narrow Spot | 4300K | Silver Grey | 12.8 |
| 61654 | ELMF1NSF43G0TBLC | 200-277 | Narrow Spot | 4300K | Black | 12.8 |
| 61655 | ELMF1NSF30G0TSGC | 200-277 | Narrow Spot | 3000K | Silver Grey | 12.8 |
| 61656 | ELMF1NSF30G0TWHC | 200-277 | Narrow Spot | 3000K | Silver Grey | 12.8 |
| 61657 | ELMF1NSF30G0TBLC | 200-277 | Narrow Spot | 3000K | Black | 12.8 |
| 61658 | ELMF1MFF60G0TSGC | 200-277 | Medium Flood | 6000K | Silver Grey | 12.8 |
| 61659 | ELMF1MFF60G0TWHC | 200-277 | Medium Flood | 6000K | Silver Grey | 12.8 |
| 61660 | ELMF1MFF60G0TBLC | 200-277 | Medium Flood | 6000K | Black | 12.8 |
| 61661 | ELMF1MFF43G0TSGC | 200-277 | Medium Flood | 4300K | Silver Grey | 12.8 |
| 61662 | ELMF1MFF43G0TWHC | 200-277 | Medium Flood | 4300K | Silver Grey | 12.8 |
| 61663 | ELMF1MFF43G0TBLC | 200-277 | Medium Flood | 4300K | Black | 12.8 |
| 61889 | ELMF1MFF30G0TSGC | 200-277 | Medium Flood | 3000K | Silver Grey | 12.8 |
| 61665 | ELMF1MFF30G0TWHC | 200-277 | Medium Flood | 3000K | Silver Grey | 12.8 |
| 61666 | ELMF1MFF30G0TBLC | 200-277 | Medium Flood | 3000K | Black | 12.8 |
| 61667 | ELMF1WFF60G0TSGC | 200-277 | Wide Flood | 6000K | Silver Grey | 12.8 |
| 61668 | ELMF1WFF60G0TWHC | 200-277 | Wide Flood | 6000K | Silver Grey | 12.8 |
| 61669 | ELMF1WFF60G0TBLC | 200-277 | Wide Flood | 6000K | Black | 12.8 |
| 61670 | ELMF1WFF43G0TSGC | 200-277 | Wide Flood | 4300K | Silver Grey | 12.8 |
| 61671 | ELMF1WFF43G0TWHC | 200-277 | Wide Flood | 4300K | Silver Grey | 12.8 |
| 61672 | ELMF1WFF43G0TBLC | 200-277 | Wide Flood | 4300K | Black | 12.8 |
| 61673 | ELMF1WFF30G0TSGC | 200-277 | Wide Flood | 3000K | Silver Grey | 12.8 |
| 61674 | ELMF1WFF30G0TWHC | 200-277 | Wide Flood | 3000K | Silver Grey | 12.8 |
| 61675 | ELMF1WFF30G0TBLC | 200-277 | Wide Flood | 3000K | Black | 12.8 |
| 61676 | ELMF1BUF60G0TSGC | 200-277 | Bulletin | 6000K | Silver Grey | 12.8 |
| 61677 | ELMF1BUF60G0TWHC | 200-277 | Bulletin | 6000K | Silver Grey | 12.8 |
| 61678 | ELMF1BUF60G0TBLC | 200-277 | Bulletin | 6000K | Black | 12.8 |
| 61679 | ELMF1BUF43G0TSGC | 200-277 | Bulletin | 4300K | Silver Grey | 12.8 |
| 61680 | ELMF1BUF43G0TWHC | 200-277 | Bulletin | 4300K | Silver Grey | 12.8 |
| 61681 | ELMF1BUF43G0TBLC | 200-277 | Bulletin | 4300K | Black | 12.8 |
| 61682 | ELMF1BUF30G0TSGC | 200-277 | Bulletin | 3000K | Silver Grey | 12.8 |

Ordering Description

| SKU | SKU Description | Input Voltage (V) | Optical Code | CCT | Color | Weight (kg) |
|-------|------------------|-------------------|--------------|-------|-------------|-------------|
| 61682 | ELMF1BUF30G0TSGC | 200-277 | Bulletin | 3000K | Silver Grey | 12.8 |
| 61683 | ELMF1BUF30G0TWHC | 200-277 | Bulletin | 3000K | White | 12.8 |
| 61684 | ELMF1BUF30G0TBLC | 200-277 | Bulletin | 3000K | Black | 12.8 |
| 61685 | ELMF1POF60G0TSGC | 200-277 | Poster | 6000K | Silver Grey | 12.8 |
| 61686 | ELMF1POF60G0TWHC | 200-277 | Poster | 6000K | White | 12.8 |
| 61687 | ELMF1POF60G0TBLC | 200-277 | Poster | 6000K | Black | 12.8 |
| 61688 | ELMF1POF43G0TSGC | 200-277 | Poster | 4300K | Silver Grey | 12.8 |
| 61689 | ELMF1POF43G0TWHC | 200-277 | Poster | 4300K | White | 12.8 |
| 61690 | ELMF1POF43G0TBLC | 200-277 | Poster | 4300K | Black | 12.8 |
| 61691 | ELMF1POF30G0TSGC | 200-277 | Poster | 3000K | Silver Grey | 12.8 |
| 61692 | ELMF1POF30G0TWHC | 200-277 | Poster | 3000K | White | 12.8 |
| 61693 | ELMF1POF30G0TBLC | 200-277 | Poster | 3000K | Black | 12.8 |
| 61740 | ELMFS-SG | - | Poster | - | Silver Grey | 0.64 |
| 61741 | ELMFW-SG | - | Poster | - | Silver Grey | 4.58 |
| 62464 | ELMFS-BL | - | Poster | - | Black | 0.64 |
| 62465 | ELMFW-BL | - | Poster | - | Black | 4.58 |
| 62466 | ELMFS-WH | - | Poster | - | White | 0.64 |
| 62467 | ELMFW-WH | - | Poster | - | White | 4.58 |

LED Signage

LED Signage Catalogue

| | |
|--|---|
|  Tetra miniMAX..... 96 |  Tetra MAX..... 98 |
|  Tetra PowerMAX..... 100 |  Tetra miniStrip..... 101 |
|  Tetra EdgeStrip..... 103 |  Tetra PowerStrip..... 105 |
|  Tetra Contour..... 107 |  Tetra Contour LS..... 107 |

Signage Applications

Signs

- Logo letter lighting

Commercial Building Decoration

- Cove lighting
- Accent lighting
- Border lighting

For Different Dimensions Of Sign,
GE Provides Three Solutions:



Tetra miniMAX
Miniature channel letter LED



Tetra MAX
Medium channel letter LED



Tetra PowerMAX
Large channel letter LED



LED Signage

Tetra miniMAX

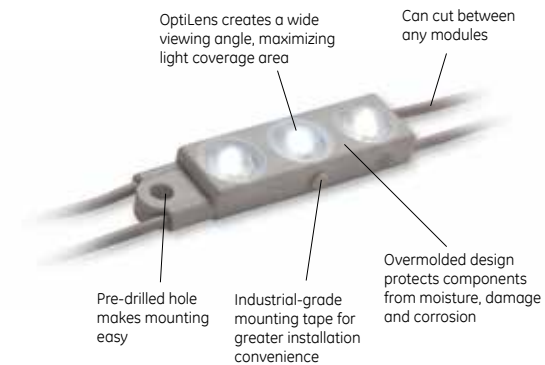
Tetra miniMAX is the LED solution that is perfect for the smallest channel letters. Tetra miniMAX features OptiLens, a patented GE technology that maximizes LED performance by capturing otherwise wasted light and redirecting it towards the illuminated surface. The Tetra miniMAX LED lighting system delivers a bright, uniform light across a large surface area, allowing sign builders to light their signs with less LEDs, reducing overall system costs.

Specification Features

- OptiLens maximizes the area of light coverage to produce
- outstanding uniformity
- Mounting tape and pre-drilled holes make mounting easy
- Overmolded design protects components from moisture
- Full range of color offering, including white, warm white, red, blue and green

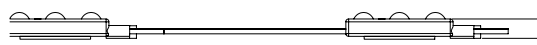
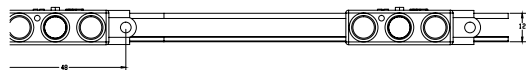
Applications

- Logo letter series:
 - miniature channel letter lighting
- Commercial building decoration including:
- Cove lighting
 - Accent lighting
 - Border lighting, etc

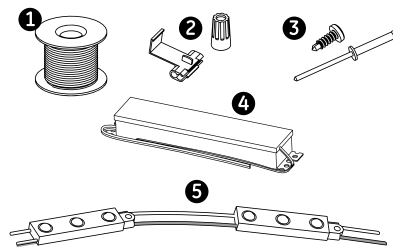


Dimensions

Unit: mm



Component Parts



- 1 UL approved 18 AWG supply wire (0.82 mm²)
- 2 UL approved 22-14 AWG twist-on wire connectors (0.33 - 2.08mm²) or 18-14 AWG In-line/IDC connectors (0.82 - 2.08 mm²)
- 3 #6 or #8 (M3 or M4) screws, 1/8 inch (3.2 mm) rivets, or electronic grade silicone or equivalent
- 4 Tetra 12 Volt Power Supply
- 5 Tetra MAX LED Modules

Technical Specifications

| SKU | Description | Package Quantity |
|-----------|--|------------------------------|
| GEMM71-1 | Tetra miniMAX 7100K | 30.48 m/box (250 modules) |
| GEMM50-1 | Tetra miniMAX 5000K | 30.48 m/box (250 modules) |
| GEMM41-1 | Tetra miniMAX 4100K | 30.48 m/box (250 modules) |
| GEMM32-1 | Tetra miniMAX 3200K | 30.48 m/box (250 modules) |
| GEMMRD-1 | Tetra miniMAX Red | (30.48 m)/box (250 modules) |
| GEMMBL-1 | Tetra miniMAX Blue | 30.48 m/box (250 modules) |
| GEMMGL-1 | Tetra miniMAX Green | 3(30.48 m)/box (250 modules) |
| GEMMPO-1 | Tetra miniMAX Orange | (30.48 m)/box (250 modules) |
| 9409 | 18 AWG Supply Wire (0.82 mm ²) | 500 ft./spool (152.4 m) |
| 191600041 | 22-14 AWG Twist-On Wire Connectors (0.33 - 2.08 mm ²) | 500/PK |
| 192160004 | 18-14 AWG In-line Connectors (IDCI) (0.82 - 2.08 mm ²) | 500/PK |

Ordering Description

| Color | Wavelength Color Temp. | Typical Brightness (lumens/ft.) | Energy Consumption (Strip/Module) | Energy) Consumption (System/Module) | Power Supply Loading 60W | Viewing (°) |
|--------------------------|------------------------|---------------------------------|-----------------------------------|-------------------------------------|--------------------------|-------------|
| Tetra miniMAX White | 7100K, 5000K | 33 | 0.38 | 0.46 | 150modules | 150° |
| Tetra miniMAX Warm White | 4100K, 3200K | 23 | 0.38 | 0.46 | 150modules | 150° |
| Tetra miniMAX Red | 625nm | 11 | 0.39 | 0.47 | 150modules | 150° |
| Tetra miniMAX Blue | 467nm | 8 | 0.39 | 0.47 | 150modules | 150° |
| Tetra miniMAX Green | 530nm | 24 | 0.39 | 0.47 | 150modules | 150° |
| Tetra miniMAX Orange | 606nm | 19 | 0.48 | 0.59 | 150modules | 150° |

LED Signage



Tetra MAX

Our new and improved Tetra MAX LED systems for medium-sized channel letters features OptiLens, a patented GE technology that maximizes LED performance by capturing otherwise wasted light and redirecting it towards the illuminated surface. The Tetra MAX LED lighting system delivers a bright, uniform light across a large surface area, allowing sign builders to light their signs with less LEDs, reducing overall system costs.

Specification Features

- OptiLens maximizes the area of light coverage to produce outstanding uniformity
- Mounting tape and pre-drilled hole make mounting easy
- Overmolded design protects components from moisture
- Full range of color offering including white, warm white, red, blue, green, amber and red-orange

Applications

Logo letter series:

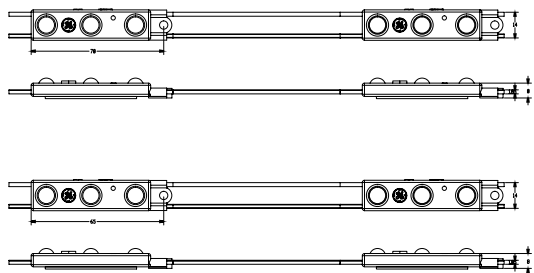
- Medium channel letter lighting

Commercial building decoration including:

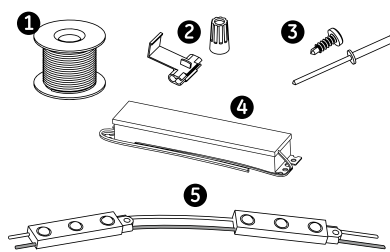
- Cove lighting
- Accent lighting
- Border lighting, etc

Dimensions

Unit: mm



Component Parts



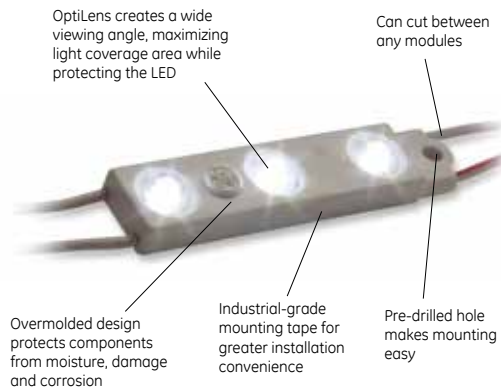
- 1 UL approved 18 AWG supply wire (0.82 mm²)
- 2 UL approved 22-14 AWG twist-on wire connectors (0.33 - 2.08mm²) or 18-14 AWG In-line/IDC connectors (0.82 - 2.08 mm²)
- 3 #6 or #8 (M3 or M4) screws, 1/8 inch (3.2 mm) rivets, or electronic grade silicone or equivalent
- 4 Tetra 12 Volt Power Supply
- 5 Tetra MAX LED Modules

Components

| SKU | Description | Package Quantity |
|-----------|---|---------------------------|
| GEMX71-1 | Tetra MAX 7100K | 30.48 m/box (200 modules) |
| GEMX50-1 | Tetra MAX 5000K | 30.48 m/box (200 modules) |
| GEMX41-1 | Tetra MAX 4100K | 30.48 m/box (200 modules) |
| GEMX32-1 | Tetra MAX 3200K | 30.48 m/box (200 modules) |
| GEMXH71-1 | Tetra MAX High Output 7100K | 30.48 m/box (200 modules) |
| GEMXH50-1 | Tetra MAX High Output 5000K | 30.48 m/box (200 modules) |
| GEMXH41-1 | Tetra MAX High Output 4100K | 30.48 m/box (200 modules) |
| GEMXH32-1 | Tetra MAX High Output 3200K | 30.48 m/box (200 modules) |
| GEMXRD-1 | Tetra MAX Red | 30.48 m/box (200 modules) |
| GEMXBL-1 | Tetra MAX Blue | 30.48 m/box (200 modules) |
| GEMXGL-1 | Tetra MAX Green | 30.48 m/box (200 modules) |
| GEMXPO-1 | Tetra MAX Orange | 30.48 m/box (200 modules) |
| GEMXRC-1 | Tetra MAX Red-Orange | 30.48 m/box (200 modules) |
| GEMXYG-1 | Tetra MAX Amber | 30.48 m/box (200 modules) |
| GEMXHRD-1 | Tetra MAX High Output Red | 30.48 m/box (200 modules) |
| 9409 | 18 AWG Supply Wire (0.82 mm ²) | 500 ft./spool (152.4 m) |
| 191600041 | 22-14 AWG Twist-On Wire Connectors (0.33 - 2.08 mm ²) | 500/PK |
| 192160004 | 18-14 AWG In-line Connectors (IDC) (0.82 - 2.08 mm ²) | 500/PK |

Technical Specifications

| Color | Wavelength Color Temp. | Typical Brightness (lumens module) | Energy Consumption (System/Module) | Energy Consumption (Strip/Module) | Power Supply Loading 60W | Viewing (°) |
|----------------------------------|------------------------|------------------------------------|------------------------------------|-----------------------------------|--------------------------|-------------|
| Tetra MAX White | 7100K, 5000K | 41 | 0.48 | 0.58 | 120modules) | 150° |
| Tetra MAX Warm White | 4100K, 3200K | 29 | 0.48 | 0.58 | 120modules) | 150° |
| Tetra MAX High Output White | 7100K, 5000K | 64 | 0.72 | 0.86 | 80modules) | 150° |
| Tetra MAX High Output Warm White | 4100K, 3200K | 51 | 0.72 | 0.86 | 80modules) | 150° |
| Tetra MAX Red | 625nm | 14 | 0.48 | 0.59 | 120modules) | 150° |
| Tetra MAX Blue | 467nm | 10 | 0.48 | 0.59 | 120modules) | 150° |
| Tetra MAX Green | 530nm | 30 | 0.48 | 0.59 | 120modules) | 150° |
| Tetra MAX Orange | 606nm | 13 | 0.36 | 0.44 | 160modules) | 150° |
| Tetra MAX Red-Orange | 618nm | 12 | 0.29 | 0.35 | 200modules) | 150° |
| Tetra MAX Amber | 589nm | 11 | 0.54 | 0.66 | 106modules) | 150° |
| Tetra MAX High Output Red | 625nm | 16 | 0.41 | 0.49 | 142modules) | 150° |



LED Signage

Tetra PowerMAX

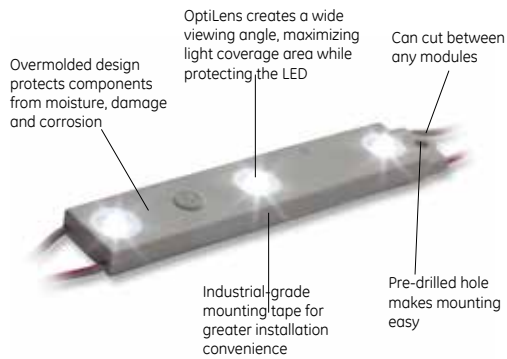
Created specifically for large channel letters, the Tetra PowerMAX LED lighting system combines bright white light output and unparalleled uniformity across sign faces.

Specification Features

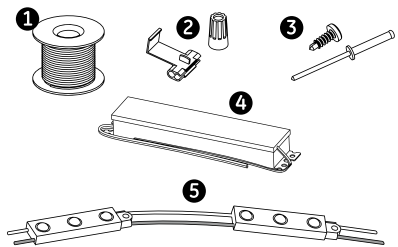
- OptiLens maximizes the area of light coverage to produce outstanding uniformity
- Mounting tape and pre-drilled hole make mounting easy
- Overmolded design protects components from moisture

Applications

- Cove lighting
- Accent lighting
- Border lighting, etc



Component Parts



Components

| SKU | Description | Package Quantity |
|-----------|---|---------------------------|
| GPEM71-1 | Tetra MAX 7100K | 30.48 m/box (150 modules) |
| GEMX50-1 | Tetra MAX 5000K | 30.48 m/box (150 modules) |
| GEMX41-1 | Tetra MAX 4100K | 30.48 m/box (150 modules) |
| GEMX32-1 | Tetra MAX 3200K | 30.48 m/box (150 modules) |
| 9409 | 18 AWG Supply Wire (0.82 mm ²) | 500 ft./spool (152.4 m) |
| 191600041 | 22-14 AWG Twist-On Wire Connectors (0.33 - 2.08 mm ²) | 500/PK |
| 192160004 | 18-14 AWG In-line Connectors (IDC) (0.82 - 2.08 mm ²) | 500/PK |

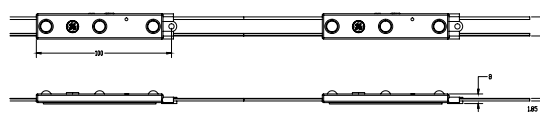
Technical Specifications

| Color | Wavelength Color Temp. | Typical (lumens/module) | Energy (Strip/Module) | Energy (System/Module) | Power Supply Loading 60W | Viewing (°) |
|----------------------|------------------------|-------------------------|-----------------------|------------------------|--------------------------|-------------|
| Tetra PowerMAX White | 7100K, 5000K | 130 | 1.56 | 1.87 | 38modules | 150° |
| Tetra PowerMAX White | 4100K, 3200K | 102 | 1.56 | 1.87 | 38modules | 150° |



Dimensions

Unit: mm



- 1 UL approved 18 AWG supply wire (0.82 mm²)
- 2 UL approved 22-14 AWG twist-on wire connectors (0.33 - 2.08 mm²) or 18-14 AWG In-line/IDC connectors (0.82 - 2.08 mm²)
- 3 #6 or #8 (M3 or M4) screws, 1/8 inch (3.2 mm) rivets, or electronic grade silicone or equivalent
- 4 Tetra 12 Volt Power Supply
- 5 Tetra PowerMAX LED Modules

Tetra miniStrip Tetra miniStrip DS

Tetra miniStrip produces moneysaving advantages over T8 fluorescent tubes while delivering outstanding visual performance that protects end-user brand image. Transform your shallow cabinet signs into better looking, better performing images for your business with new Tetra miniStrip and miniStrip DS.

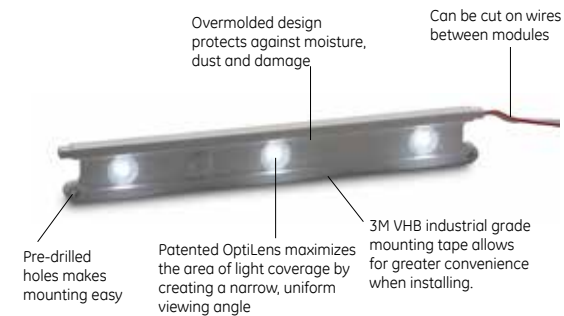
Specification Features

- Up to 90% energy savings vs.T8 fluorescent tubes
- Patented OptiLens technology creates an impressive even light coverage of the sign face
- Overmolded design protects component from damage
- Continuous wire and IDC connectors for maximum strain relief
- Easy to install rail system
- Mounting tape and pre-drilled hole make mounting easy

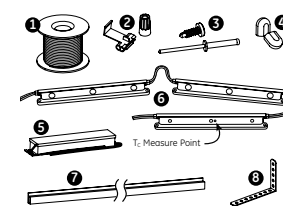
Applications

Backlighting solutions for:

- Signs
- Retail stores
- Commercial building decoration including cove lighting, etc

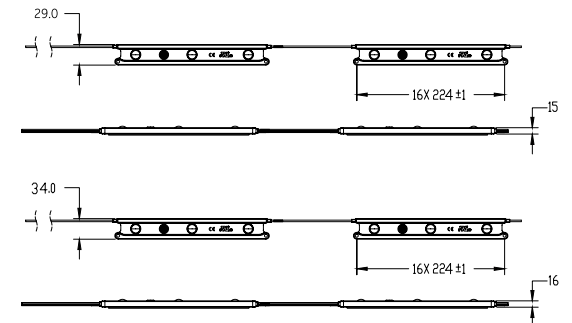


Component Parts



Dimensions

Unit: mm



- 1 UL approved 18 AWG (0.82 mm²) supply wire
- 2 UL approved 22-14 AWG (0.33-2.08 mm²) wire connectors or 18-14 AWG (0.82-2.08 mm²) in-line/IDC connectors
- 3 #6 or #8 (M3 or M4) screws, 1/8 inch (3.2 mm) rivets, or electronic grade silicone
- 4 End caps
- 5 Tetra Power Supply
- 6 Tetra MiniStrip or Tetra MiniStrip DS LED modules
- 7 Tetra Mounting Rail
- 8 Tetra Mounting Rail Bracket

LED Signage

Components

| SKU | Description | Package Quantity |
|--------------|--|-------------------------|
| GEWHBSP3 | Tetra miniStrip, 7100K | 48 modules |
| GEWWBSP3-50K | Tetra miniStrip, 5000K | 48 modules |
| GEWWBSP3-41K | Tetra miniStrip, 4100K | 48 modules |
| GEWWBSP3 | Tetra miniStrip, 3200K | 48 modules |
| GEWHBDP6 | Tetra miniStrip DS, 7100K | 48 modules |
| GEWWBDP6-50K | Tetra miniStrip DS, 5000K | 48 modules |
| GEWWBDP6-41K | Tetra miniStrip DS, 4100K | 32 modules |
| GEWWBDP6 | Tetra miniStrip DS, 3200K | 32 modules |
| GEDSRL08 | Tetra Mounting Rail (96 in/2.44 m) | 8 rails/pack |
| GEDSLB1 | Tetra Mounting Rail Assembly Bracket | 20/pack |
| 9409 | 18 AWG Supply Wire (0.82 mm ²) | 500 ft (152.40 m)/spool |
| 191600041 | 22-14 AWG Twist-on Wire Connector (0.33-2.08 mm ²) | 500/bag |
| 192160004 | 18-14 AWG In-Line connectors (IDC) (0.82-2.08mm ²) | 500/bag |

Technical Specifications

| Specification Item | Tetra miniStrip | Tetra miniStrip DS |
|------------------------------------|---|--|
| Typical Brightness (lumens/module) | 7100K & 5000K: 96 4100K & 3200K: 72 | 7100K & 5000K: 192 4100K & 3200K: 144 |
| Color Temperature | 7100K, 5000K, 4100K, 3200K | 7100K, 5000K, 4100K, 3200K |
| LED/ft. (meters) | ~10 LEDs/m | ~20 LEDs/m |
| LEDS/Module | 3 | 6 |
| Modules/Foot | 7100K & 5000K: 87 4100K & 3200K: 65 | 7100K & 5000K: 87 4100K & 3200K: 65 |
| Viewing Angle | 140 Degrees | 140 Degrees |
| Cutting Resolution | Cut between any 2 modules | Cut between any 2 modules |
| Module Dimensions | 13x200x28mm | 15x200x28mm |
| Power Supply | GEPS12-20 Input: 90-264VAC; Output: 12VDC GEPS12-60 Input: 90-264VAC; Output: 12VDC GEPS12-60U Input: 108-305VAC; Output: 12VDC GEPS12D-60U Input: 90-305VAC; Output: 12VDC GEPS12-180U Input: 90-305VAC; Output: 12VDC | GEPS24-20 Input: 90-264VAC; Output: 24VDC GEPS24-80 Input: 108-264VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24W-80 Input: 90-264VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC |
| Maximum Loading per Power Supply | 20W Power Supply: 5.18 m (17 modules) 60W Power Supply: 16.16 m (53 modules) 180W Power Supply: 53 ft./16.16 m (53 modules) per output bank, 159 ft./48.48 m (159 modules) per power supply | 20W Power Supply: 2.44 m (8 modules) 80W Power Supply: 9.45 m (31 modules) 100W Power Supply: 11.89 m (39 modules) 180W Power Supply: 35 ft./10.67 m (35 modules) per output bank, 70 ft./21.34 m (70 modules) per power supply |
| Maximum Supply Wire Limits | 60W, 80W, 100W, 180W 6.1 m 7.6 m 10.6 m 12.1 m | 20W 36.6 m Supply Wire Gauge 18AWG/0.82mm ² supply wire - 9409 16AWG/1.31mm ² supply wire 14AWG/2.08mm ² supply wire 12AWG/3.31mm ² supply wire |
| Energy Consumption | Strip: 1.10 W/module, System: 1.32 W/module | Strip: 2.20 W/module, System: 2.64 W/module |
| Operating Environment | -40 ° C to +60 ° C | -40 ° C to +60 ° C |
| Sign Dimensions | For best results minimum can depth is 3 inches | For best results minimum can depth is 6 inches |
| System Certifications | UL Recognized #E219167, UL Classified #E229508, CSA Approved #216319, CE, C-tick, RoHS, IP66 rated: separate enclosure required, damp location rated | |

Tetra EdgeStrip

New Tetra EdgeStrip is engineered to install easily around the edge of signs with a 3 to 6 inch can depth. Tetra EdgeStrip delivers money-saving advantages over T8 fluorescent tubes while producing outstanding visual performance that protects end-user brand image. Discover the new LED alternative that can handle shallow cabinet signs: Tetra EdgeStrip.

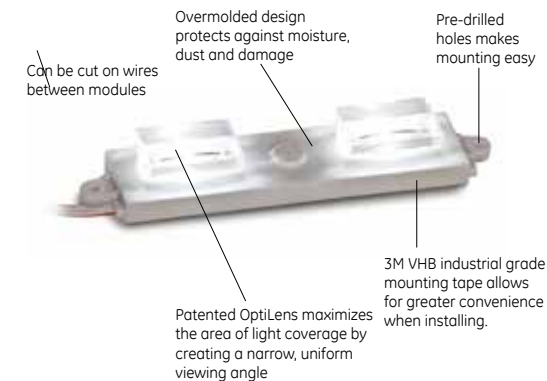
Specification Features

- Up to 78% energy savings vs.T8 fluorescent tubes
- Patented OptiLens technology creates an impressive even light coverage of the sign face
- Overmolded design protects component from damage
- Mounting tape and pre-drilled hde make mounting easy



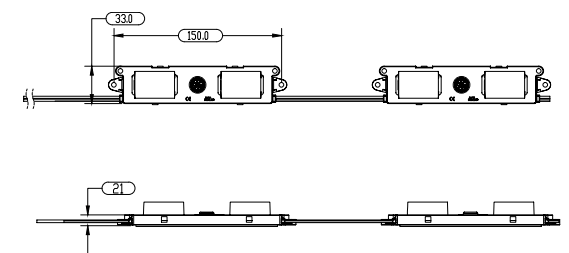
Applications

- Cabinet signs

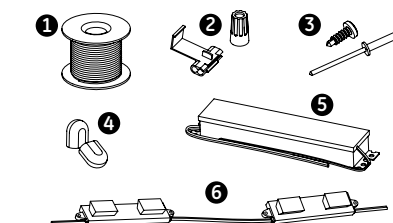


Dimensions

Unit: mm



Component Parts



- 1 UL approved 18 AWG (0.82 mm²) supply wire
- 2 UL approved 22-14 AWG (0.33-2.08 mm²) wire connectors or 22-18 AWG (0.33-0.82 mm²) in-line/IDC connectors
- 3 #6 or #8 (M3 or M4) screws, 1/8 inch (3.2 mm) rivets or electrical grade silicone
- 4 End caps
- 5 Tetra 24 Volt Power Supply
- 6 Tetra EdgeStrip LED modules

LED Signage

Components

| SKU | Description | Package Quantity |
|--------------|--|-------------------------|
| GEWHBIP2 | Tetra EdgeStrip, 7100K | 32 modules |
| GEWWBIP2-50K | Tetra EdgeStrip, 5000K | 32 modules |
| GEWWBIP2-41K | Tetra EdgeStrip, 4100K | 32 modules |
| GEWWBIP2 | Tetra EdgeStrip, 3200K | 32 modules |
| 9409 | 18 AWG Supply Wire (0.82 mm ²) | 500 ft (152.40 m)/spool |
| 191600041 | 22-14 AWG Twist-on Wire Connector (0.33-2.08 mm ²) | 500/bag |
| 192160004 | 18-14 AWG In-Line connectors (IDC) (0.82-2.08mm ²) | 500/bag |

Technical Specifications

| Specification Item | Tetra EdgeStrip | | |
|------------------------------------|---|---------------|--|
| Typical Brightness (lumens/module) | 7100K & 5000K: 200 4100K & 3200K: 150 | | |
| Color Temperature | 7100K, 5000K, 4100K, 3200K | | |
| LED/ft. (meters) | ~7 LEDs/m | | |
| LEDS/Module | 2 | | |
| Lumens/Watt | 7100K & 5000K: 83 4100K & 3200K: 63 | | |
| Viewing Angle | 10 x 80 Degrees | | |
| Cutting Resolution | Cut between any 2 modules | | |
| Module dimensions | 21x150x33mm | | |
| Power Supply | GEPS24-20 Input: 90-264VAC; Output: 24VDC GEPS24-80 Input: 108-264VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24W-80 Input: 90-264VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC | | |
| Maximum Loading per Power Supply | 20W LEDPower Supply: 2.13 m (7 modules) 80W LEDPower Supply: 9.15 m (30 modules) 100W Power Supply: 11.28 m (37 modules) 180W Power Supply: 33 ft./10.06 m (33 modules) per output bank, 66 ft./20.12 m (66 modules) per power supply | | |
| Maximum Supply Wire Limits | 80W, 100W, 180W 6.1 m 7.6 m 10.6 m 12.1 m | 20W 36.6 m | Supply Wire Gauge 18AWG/0.82mm ² supply wire - 9409 16AWG/1.31mm ² supply wire 14AWG/2.08mm ² supply wire 12AWG/3.31mm ² supply wire |
| Energy Consumption | Strip: 2.40 W/module, System: 2.88 W/module | | |
| Operating Environment | -40 ° C to +60 ° C | | |
| Sign Dimensions | For best results minimum can depth is 3 inches | | |
| System Certifications | UL Recognized #E219167, UL Classified #E229508, CSA Approved #216319, CE, C-tick, RoHS, IP66 rated: separate enclosure required, damp location rated | | |

Tetra PowerStrip Tetra PowerStrip DS

Tetra PowerStrip is engineered to install easily around the edge of signs with a 3 to 6 inch can depth. Tetra PowerStrip delivers money-saving advantages over T8 fluorescent tubes while producing outstanding visual performance that protects end-user brand image. Discover the new LED alternative that can handle shallow cabinet signs: Tetra PowerStrip.



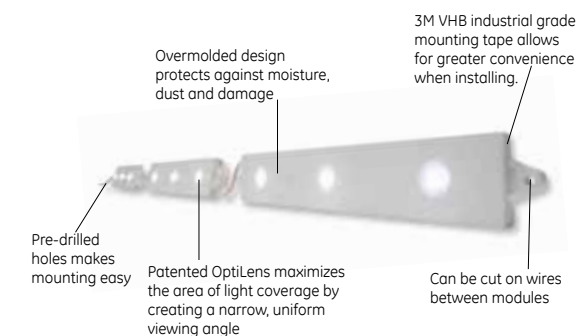
Specification Features

- Up to 90% energy savings vs.T8 fluorescent tubes
- Patented OptiLens technology creates an impressive even light coverage of the sign face
- Overmolded design protects component from damage
- Continuous wire and IDC connectors for maximum strain relief
- Easy to inatall rail system
- Mounting tape and pre-drilled hole make mounting easy

Applications

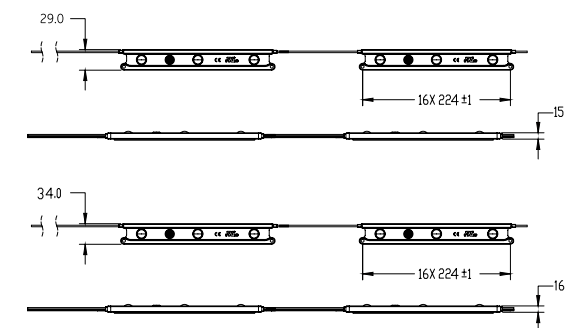
Backlighting solutions for:

- Signs
- Retail stores
- Commercial building decoration including cove lighting, etc



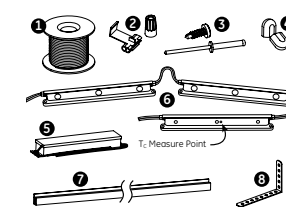
Dimensions

Unit: mm



- 1 UL approved 18 AWG (0.82 mm²) supply wire
- 2 UL approved 22-14 AWG (0.33-2.08 mm²) wire connectors or 18-14 AWG (0.82-2.08 mm²) in-line/IDC connectors
- 3 #6 or #8 (M3 or M4) screws, 1/8 inch (3.2 mm) rivets, or electronic grade silicone
- 4 End caps
- 5 Tetra Power Supply
- 6 Tetra MiniStrip or Tetra MiniStrip DS LED modules
- 7 Tetra Mounting Rail
- 8 Tetra Mounting Rail Bracket

Component Parts



LED Signage

Components

| SKU | Description | Package Quantity |
|---------------|--|-------------------------|
| GEWHSSPS3 | Tetra PowerStrip, 7100K | 48 modules |
| GEWHSSPS3-50K | Tetra PowerStrip, 5000K | 48 modules |
| GEWHSSPS3-41K | Tetra PowerStrip, 4100K | 48 modules |
| GEWWSSPS3 | Tetra PowerStrip, 3200K | 48 modules |
| GEWHDSPS6 | Tetra PowerStrip DS, 7100K | 32 modules |
| GEWHDSPS6-50K | Tetra PowerStrip DS, 5000K | 32 modules |
| GEWHDSPS6-41K | Tetra PowerStrip DS, 4100K | 32 modules |
| GEWWDSPS6 | Tetra PowerStrip DS, 3200K | 32 modules |
| 9409 | 18 AWG Supply Wire (0.82 mm ²) | 500 ft./spool (152.4 m) |
| 191600041 | 22-14 AWG Twist-on Wire Connector (0.33-2.08 mm ²) | 500/PK |
| 192160004 | 18-14 AWG In-Line connectors (IDC) (0.82-2.08mm ²) | 500/PK |
| GETMEC1 | 18 AWG Wire End Caps (0.82 mm ²) | 100/PK |
| GEDSRL08 | Tetra Mounting Rail | 8 Rails |
| GEDSLB1 | Tetra Mounting Rail Assembly Bracket | 20/PK |

Technical Specifications

| Specification Item | Tetra PowerStrip | Tetra PowerStrip DS |
|------------------------------------|---|--|
| Typical Brightness (lumens/module) | 7100K & 5000K: 267 4100K & 3200K: 200 | 7100K & 5000K: 534 4100K & 3200K: 400 |
| Color Temperatures | 7100K, 5000K, 4100K, 3200K | 7100K, 5000K, 4100K, 3200K |
| LED/ft. (meters) | ~10 LEDs/m | ~20 LEDs/m |
| LEDS/Module | 3 | 6 |
| Lumens/Watt | 7100K & 5000K: 87 4100K & 3200K: 65 | 7100K & 5000K: 87 4100K & 3200K: 65 |
| Viewing Angle | 140 Degrees | 140 Degrees |
| Length of Wire Between Modules | 95mm | 196mm |
| Cutting Resolution | Cut on wire between every module | Cut on wire between every module |
| Module dimensions | 15x224x29mm | 16x224x34mm |
| Power Supply | GEPS12-20 Input: 90-264VAC; Output: 12VDC GEPS12-60 Input: 90-264VAC; Output: 12VDC GEPS12-60U Input: 108-305VAC; Output: 12VDC GEPS12D-60U Input: 90-305VAC; Output: 12VDC GEPS12-180U Input: 90-305VAC; Output: 12VDC | GEPS24-20 Input: 90-264VAC; Output: 24VDC GEPS24-80 Input: 108-264VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24W-80 Input: 90-264VAC; Output: 24VDC GEPS24-180U Input: 90-305VAC; Output: 24VDC |
| Loading per Power Supply | 20W Power Supply: 5 Modules 60W Power Supply: 16 Modules 180W Power Supply: 16 Modules per output bank; 48 Modules per Power Supply | 20W Power Supply: 3 Modules 80W Power Supply: 12 Modules 100W Power Supply: 16 Modules 180W Power Supply: 14 Modules per output bank; 28 Modules per Power Supply |
| Maximum Supply Wire Limits | 60W, 80W, 100W, 180W 6.1 m 7.6 m 10.6 m 12.1 m | 20W 36.6 m Supply Wire Gauge 18 AWG (0.82 mm ²) (9409) 16 AWG (1.31 mm ²) 14 AWG (2.08 mm ²) 12 AWG (3.31 mm ²) |
| Energy Consumption | Strip: 3.13 w/ module, System: 3.58 w/ module | Strip: 6.24 w/ module, System: 7.14 w/ module |
| Operating Environment | -40 ° C to +60 ° C | -40 ° C to +60 ° C |
| Sign Dimensions | For best results, recommended sign depth is 5 inches (127mm) or greater | For best results, recommended sign depth is 10 inches (254mm) or greater |
| System Certifications | UL Recognized #E219167, UL Classified #E229508, CSA Approved #216319, CE, C-tick, RoHS, IP66 rated: separate enclosure required, damp location rated | |

Tetra Contour Tetra Contour LS

Enjoy unbridled freedom in enhancing your architectural designs with this revolutionary product from GE Lumination. You can create bold designs and attractive accent lighting without the typical worries of working with fragile neon glass.

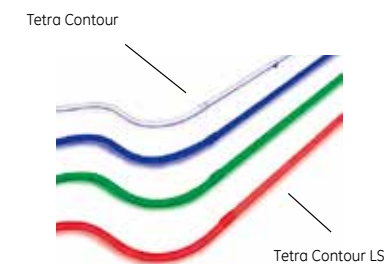
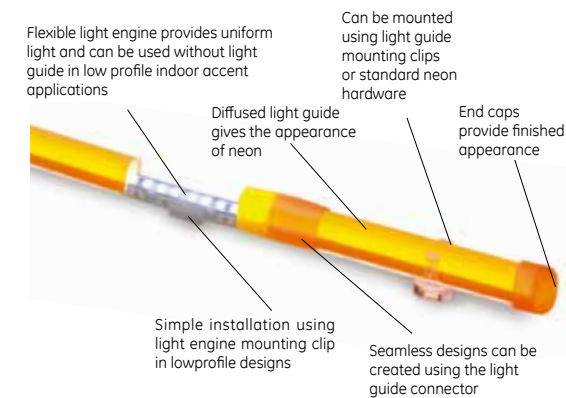
Specification Features

- Full range of color offering including red, red-orange, amber, green, blue, white, warm white
- Offering two solutions by applications (Light Engine of Tetra Contour is flexible)
- Viewing angle is up to 330 degree with the light guide which create the bright and uniform light effect

Applications

Commercial building decoration including:

- Accent lighting
- Border lighting, etc



Dimensions

Unit: mm



LED Signage

Technical Specifications (Tetra Contour)

| | | |
|---|---|------|
| Dimension (w/o Light Guide) (W x L x D, mm) | 10 x 2438 x 11 | |
| Dimension (w/ Light Guide) (W x L x D, mm) | 25 x 2438 x 28 | |
| Viewing Angle w/o Guide | 110° | |
| Viewing Angle w/ Guide | 330° | |
| Cutting Solutions | Red | 68mm |
| | Red-orange | 68mm |
| | Amber | 68mm |
| | Green | 51mm |
| | Blue | 51mm |
| | White | 51mm |
| | Warm White | 51mm |
| Power Supplies | GEPS24-20, GEPS24-80 & GEPS24-100U | |
| Output Voltage (V DC) | 24 | |
| Operating Temp.Range (°C) | -40 ~ 55 | |
| Storage Temp.Range (°C) | -40 ~ 75 | |
| System IP Rating | Assembled light engine and light guide: IP66; outdoor rated Power Supply: IP66; separate enclosure required, damp location rated | |

Technical Specifications (Tetra Contour LS)

| | | |
|---------------------------|---|--------------------------------------|
| Dimension (W x L x D, mm) | 25 x 2438 x 28 | |
| Viewing Angle w/ Guide | 330° | |
| Cutting Solutions | Color | Contour LS Contour LS Extension |
| | Red | 203mm 68mm |
| | Green | 203mm 51mm |
| | Blue | 203mm 51mm |
| | White | 203mm 51mm |
| Power Supplies | GEPS24-20, GEPS24-80 & GEPS24-100U | |
| Output Voltage (V DC) | 24 | |
| Operating Temp.Range (°C) | -40 ~ 55 | |
| Storage Temp.Range (°C) | -40 ~ 75 | |
| System IP rating | Assembled light engine and light guide: IP66; outdoor rated Power Supply: IP66; separate enclosure required, damp location rated | |

Performance Data (Tetra Contour)

| Color | Light Engine (SKU) | Light Guide (SKU) | Light Strip Watt/m | System Watt/m | Lm/m | CRI | Wavelength/CCT |
|-----------------------------|--------------------------------|-------------------|--------------------|---------------|-------|-------|----------------|
| GERDXNLE1 | Without guide | Red | 10.63 | 12.50 | 194 | - | 625nm |
| | With white guide (GEXNGL15) | | 10.63 | 12.50 | 131 | - | 625nm |
| | With red guide (GERDXNGL15) | | 10.63 | 12.50 | 154 | - | 625nm |
| GERCXNLE1 | Without guide | Red-Orange | 10.63 | 12.50 | 167 | - | 618nm |
| | With white guide (GEXNGL15) | | 10.63 | 12.50 | 105 | - | 618nm |
| | With orange guide (GEPOXNGL15) | | 10.63 | 12.50 | 161 | - | 618nm |
| GEYAXNLE1 | Without guide | Amber | 10.63 | 12.50 | 161 | - | 589nm |
| | With white guide (GEXNGL15) | | 10.63 | 12.50 | 98 | - | 589nm |
| | With yellow guide (GEYAXNGL15) | | 10.63 | 12.50 | 102 | - | 589nm |
| GEGLXNLE1 | Without guide | Green | 10.63 | 12.50 | 331 | - | 532nm |
| | With white guide (GEXNGL15) | | 10.63 | 12.50 | 262 | - | 532nm |
| | With green guide (GEGLXNGL15) | | 10.63 | 12.50 | 180 | - | 532nm |
| GEBLXNLE1 | Without guide | Blue | 9.45 | 11.12 | 75 | - | 467nm |
| | With white guide (GEXNGL15) | | 9.45 | 11.12 | 66 | - | 467nm |
| | With blue guide (GEBLXNGL15) | | 9.45 | 11.12 | 62 | - | 467nm |
| GEWHXNLE1 | Without guide | White | 9.45 | 11.12 | 341 | 71 | 6500K |
| | With white guide (GEXNGL15) | | 9.45 | 11.12 | 243 | - | 6500K |
| | Without guide | | Warm White | 9.45 | 11.12 | 259 | 69 |
| With white guide (GEXNGL15) | 9.45 | 11.12 | | 207 | - | 3200K | |

Performance Data (Tetra Contour LS)

| SKU | Color | Light Strip Watt/m | System Watt/m | Lm/m | Wavelength/CCT |
|--------------|-------|--------------------|---------------|------|----------------|
| GERDXNLA2-RD | Red | 10.63 | 12.50 | 154 | 625nm |
| GEGLXNLA2-GL | Green | 9.45 | 11.12 | 180 | 532nm |
| GEBLXNLA2-BL | Blue | 9.45 | 11.12 | 62 | 467nm |
| GEWHXNLA2-WH | White | 9.45 | 11.12 | 243 | 6500K |

Ordering Description

| SKU | SKU Description | Color | Pack Qty |
|-----------------------------------|--|--------------------|-----------------------|
| Tetra Contour Light Engine | | | |
| GERDXNLE1 | Light Engine | Red | 29.26m/box (12 units) |
| GERCXNLE1 | Light Engine | Red-Orange | 14.63m/box (6 units) |
| GEYAXNLE1 | Light Engine | Amber | 14.63m/box (6 units) |
| GEGLXNLE1 | Light Engine | Green | 14.63m/box (6 units) |
| GEBLXNLE1 | Light Engine | Blue | 14.63m/box (6 units) |
| GEWHXNLE1 | Light Engine | White (6500K) | 14.63m/box (6 units) |
| GEWWXNLE1 | Light Engine | Warm White (3200K) | 14.63m/box (6 units) |
| Tetra Contour Light Guide | | | |
| GERDXNGL15 | Light Guide | Red | 29.26m/box (12 units) |
| GEPOXNGL15 | Light Guide | Orange | 29.26m/box (12 units) |
| GEYAXNGL15 | Light Guide | Yellow | 29.26m/box (12 units) |
| GELGXNGL15 | Light Guide | Lime Green | 29.26m/box (12 units) |
| GEGLXNGL15 | Light Guide | Green | 29.26m/box (12 units) |
| GEBLXNGL15 | Light Guide | Blue | 29.26m/box (12 units) |
| GEXNGL15 | Light Guide | White | 29.26m/box (12 units) |
| Tetra Contour LS | | | |
| GERDXNLA2-RD | Tetra Contour LS | Red | 14.63m/box (6 units) |
| GERDXNAA2-RD | Tetra Contour LS Extension | Red | 406mm/bag (1 unit) |
| GEGLXNLA2-GL | Tetra Contour LS | Green | 14.63m/box (6 units) |
| GEGLXNAA2-GL | Tetra Contour LS Extension | Green | 406mm/bag (1 unit) |
| GEBLXNLA2-BL | Tetra Contour LS | Blue | 14.63m/box (6 units) |
| GEBLXNAA2-BL | Tetra Contour LS Extension | Blue | 406mm/bag (1 unit) |
| GEWHXNLA2-WH | Tetra Contour LS | White (6500K) | 14.63m/box (6 units) |
| GEWHXNAA2-WH | Tetra Contour LS Extension | White (6500K) | 406mm/bag (1 unit) |
| GEWWXNLA2-WH | Tetra Contour LS | Warm White (3200K) | 14.63m/box (6 units) |
| GEWWXNAA2-WH | Tetra Contour LS Extension | Warm White (3200K) | 406mm/bag (1 unit) |
| Accessories | | | |
| GEPS24-20 | Power Supply (24V DC/20W) | | 10 units/box |
| GEPS24-80 | Power Supply (24V DC/80W) | | 10 units/box |
| GEPS24-100U | Power Supply (24V DC/100W) | | 10 units/box |
| 9409 | 18 AWG Supply Wire (0.82mm ²) | | 152.40m/spool |
| 191600041 | 22-14 AWG Twist-On Wire Connectors (0.33-2.08mm ²) | | 500/box |
| GEXNWB2 | Weather Box | | 20/bag |
| GEXNBA | Tetra Contour Silicone Bend-Aid (Reusable) | | 12/bag |
| GEXNMC15 | Tetra Contour Light Guide Mounting Clip | | 50/bag |
| GEXNMAC | Tetra Contour Light Engine Mounting Clip | | 20/bag |

Light Guide End Caps



Light Guide Connectors



Light Guide Corners



LED Signage

Ordering Description

| SKU | SKU Description | Color | Pack Qty |
|-------------------------|--|------------|----------|
| Other Components | | | |
| GERDXNLGEC15 | Tetra Contour Light Guide End Cap | Red | 20/bag |
| GERDXNLGC15 | Tetra Contour Light Guide Connector | Red | 20/bag |
| GERDXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Red | 20/bag |
| GERDXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Red | 20/bag |
| GERDXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Red | 20/bag |
| GEPOXNLGC15 | Tetra Contour Light Guide Connector | Orange | 20/bag |
| GEPOXNLGEC15 | Tetra Contour Light Guide End Cap | Orange | 20/bag |
| GEPOXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Orange | 20/bag |
| GEPOXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Orange | 20/bag |
| GEPOXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Orange | 20/bag |
| GEYAXNLGC15 | Tetra Contour Light Guide Connector | Yellow | 20/bag |
| GEYAXNLGEC15 | Tetra Contour Light Guide End Cap | Yellow | 20/bag |
| GEYAXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Yellow | 20/bag |
| GEYAXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Yellow | 20/bag |
| GEYAXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Yellow | 20/bag |
| GELGXNLGC15 | Tetra Contour Light Guide Connector | Lime Green | 20/bag |
| GELGXNLGEC15 | Tetra Contour Light Guide End Cap | Lime Green | 20/bag |
| GELGXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Lime Green | 20/bag |
| GELGXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Lime Green | 20/bag |
| GELGXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Lime Green | 20/bag |
| GEGLXNLGEC15 | Tetra Contour Light Guide End Cap | Green | 20/bag |
| GECLXNLGC15 | Tetra Contour Light Guide Connector | Green | 20/bag |
| GEGLXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Green | 20/bag |
| GEGLXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Green | 20/bag |
| GEGLXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Green | 20/bag |
| GEBLXNLGEC15 | Tetra Contour Light Guide End Cap | Blue | 20/bag |
| GEBLXNLGC15 | Tetra Contour Light Guide Connector | Blue | 20/bag |
| GEBLXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | Blue | 20/bag |
| GEBLXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | Blue | 20/bag |
| GEBLXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | Blue | 20/bag |
| GEXNLGEC15 | Tetra Contour Light Guide End Cap | White | 20/bag |
| GEXNLGC15 | Tetra Contour Light Guide Connector | White | 20/bag |
| GEXNLGI15 | Tetra Contour Light Guide 90° Inside Corner | White | 20/bag |
| GEXNLGO15 | Tetra Contour Light Guide 90° Outside Corner | White | 20/bag |
| GEXNLGP15 | Tetra Contour Light Guide 90° Planar Corner | White | 20/bag |

Power Supply



Supply Wire



Weather Box



Light Guide Bend-Aid



Mounting Clips



Twist-on Wire Connectors



Power Supplies

Tetra miniMax/Tetra Max/Tetra PowerMax Power Supply

Power Supply Specifications (GEPS12-20)

Support Product: Tetra miniMAX/Tetra MAX/Tetra PowerMAX



| | minimum | Typical | Maximum |
|--|---------|---------|---------|
| Input Voltage (V AC) 120/240 | 90 | 100-240 | 264 |
| Input Frequency (Hz) | - | 50/60 | - |
| Input Current (A) | - | - | 0.32 |
| Output Voltage (V DC) | 11.7 | 12.0 | 12.3 |
| Output Current (A DC) | - | - | 1.7 |
| Output Power (W) | - | - | 20 |
| Environment Operating Temperature Range (°C) | -40°C | +25°C | +60°C |
| Environment Humidity (condensing) (%) | - | - | 95% |
| Environment Storage Temperature Range (°C) | -40°C | - | +85°C |

| Enclosure Specification | Dimensions (L × W × H, mm) |
|-------------------------|----------------------------|
| Damp Location Rated | 150 × 37 × 32 |

| Support Products | SKU | Maximum Load |
|------------------|--|--------------|
| Tetra miniMAX | GEMM71-1, GEMM50-1, GEMM41-1, GEMM32-1 | 50modules |
| | GEMMRD-1, GEMMBL-1, GEMMGL-1 | 40 modules |
| | GEMMPO-1 | |
| Tetra MAX | GEMX71-1, GEMX50-1, GEMX41-1, GEMX32-1 | 40modules |
| | GEMXRD-1, GEMXBL-1, GEMXGL-1 | 53modules |
| | GEMXPO-1 | |
| | GEMXRC-1 | 66modules |
| | GEMXYG-1 | 35modules |
| | GEMXH71-1, GEMXH50-1 GEMXH41-1, GEMXH32-1 | 26modules |
| Tetra PowerMAX | GEMXHRD | 47modules |
| | GEMP71-1, GEMP50-1 GEMP41-1, GEMP32-1 | 12modules |

Note: minimum wire size for remote mounting is 18AWG (0.82 mm²)

Power Supplies

Power Supply Specifications (GEPS12-60-GL)

Support Product: Tetra miniMAX / Tetra MAX / Tetra PowerMAX



| | minimum | Typical | Maximum |
|--|---------|---------|---------|
| Input Voltage (V AC) 120/240 | 90 | 100-240 | 264 |
| Input Frequency (Hz) | - | 50/60 | - |
| Input Current (A) | - | - | 0.32 |
| Output Voltage (V DC) | 11.4 | 12.0 | 12.3 |
| Output Current (A DC) | 0.8 | - | 1.7 |
| Output Power (W) | - | - | 20 |
| Environment Operating Temperature Range (°C) | -40 | +25°C | +60°C |
| Environment Humidity (condensing) (%) | 0 | - | 95% |
| Environment Storage Temperature Range (°C) | -40 | - | +85°C |

| Enclosure Specification | Dimensions (L × W × H, mm) |
|-------------------------|----------------------------|
| Damp Location Rated | 240 × 43 × 30 |

| Support Products | SKU | Maximum Load |
|------------------|--|--------------|
| Tetra miniMAX | GEMM71-1, GEMM50-1, GEMM41-1, GEMM32-1 | 150modules |
| | GEMMRD-1, GEMMBL-1, GEMMGL-1 | |
| | GEMMPO-1 | 120 modules |
| Tetra MAX | GEMX71-1, GEMX50-1, GEMX41-1, GEMX32-1 | 120modules |
| | GEMXRD-1, GEMXBL-1, GEMXGL-1 | |
| | GEMXPO-1 | 160modules |
| | GEMXRC-1 | 200modules |
| | GEMXYG-1 | 106modules |
| | GEMXH71-1, GEMXH50-1 GEMXH41-1, GEMXH32-1 | 80modules |
| Tetra PowerMAX | GEMXHRD | 142modules |
| | GEPM71-1, GEPM50-1 GEPM41-1, GEPM32-1 | 38modules |

Note: maximum remote mounting distance is 9.1m (wire size is 18AWG(0.82mm²)),15.2m(wire size is 16AWG(1.31mm²)),24.4m(wire size is 14AWG(2.08mm²)),36.6m(wire size is 12AWG(3.31mm²))

Power Supply Specifications (GEPS12D-60U) —Dimmable

Support Product: Tetra miniMAX/Tetra MAX/Tetra PowerMAX



| | minimum | Typical | Maximum |
|--|---------|---------|---------|
| Input Voltage (V AC) 120/240 | 90 | 100-277 | 305 |
| Input Frequency (Hz) | - | 50/60 | - |
| Input Current (A) | - | - | 0.85 |
| Output Voltage (V DC) | 11.4 | - | 12.6 |
| Output Current (A DC) | 0.5 | - | 5.0 |
| Output Power (W) | - | 60 | - |
| Environment Operating Temperature Range (°C) | -40°C | - | +60°C |
| Environment Humidity (condensing) (%) | 10% | - | 90% |
| Environment Storage Temperature Range (°C) | -40°C | - | +85°C |

| Enclosure Specification | Dimensions (L × W × H, mm) |
|-------------------------|----------------------------|
| Damp Location Rated | 240 × 43 × 30 |

| Support Products | SKU | Maximum Load |
|------------------|--|--------------|
| Tetra miniMAX | GEMM71-1, GEMM50-1, GEMM41-1, GEMM32-1 | 150modules |
| | GEMMRD-1, GEMMBL-1, GEMMGL-1 | |
| | GEMMPO-1 | 120 modules |
| Tetra MAX | GEMX71-1, GEMX50-1, GEMX41-1, GEMX32-1 | 120modules |
| | GEMXRD-1, GEMXBL-1, GEMXGL-1 | |
| | GEMXPO-1 | 160modules |
| | GEMXRC-1 | 200modules |
| | GEMXYG-1 | 106modules |
| | GEMXH71-1, GEMXH50-1 GEMXH41-1, GEMXH32-1 | 80modules |
| Tetra PowerMAX | GEMXHRD | 142modules |
| | GEPM71-1, GEPM50-1 GEPM41-1, GEPM32-1 | 38modules |

Note: maximum remote mounting distance is 9.1m (wire size is 18AWG(0.82mm²)),15.2m(wire size is 16AWG(1.31mm²)),24.4m(wire size is 14AWG(2.08mm²)),36.6m(wire size is 12AWG(3.31mm²))

Power Supplies

Power Supply Specifications (GEPS12W-60)

Support Product: Tetra miniMAX/Tetra MAX/Tetra PowerMAX



| | minimum | Typical | Maximum |
|--|---------|---------|---------|
| Input Voltage (V AC) 120/240 | 90 | 100-277 | 264 |
| Input Frequency (Hz) | - | 50/60 | - |
| Input Current (A) | - | - | 0.85 |
| Output Voltage (V DC) | 11.4 | 12.0 | 12.6 |
| Output Current (A DC) | 0.8 | - | 5.0 |
| Output Power (W) | - | - | 60 |
| Environment Operating Temperature Range (°C) | -40°C | +25°C | +60°C |
| Environment Humidity (condensing) (%) | 0% | - | 95% |
| Environment Storage Temperature Range (°C) | -40°C | - | +85°C |

| Enclosure Specification | Dimensions (L × W × H, mm) |
|-------------------------|----------------------------|
| Damp Location Rated | 307 × 52 × 32 |

| Support Products | SKU | Maximum Load |
|------------------|--|--------------|
| Tetra miniMAX | GEMM71-1, GEMM50-1, GEMM41-1, GEMM32-1 | 150modules |
| | GEMMRD-1, GEMMBL-1, GEMMGL-1 | 120 modules |
| | GEMMPO-1 | 120 modules |
| Tetra MAX | GEMX71-1, GEMX50-1, GEMX41-1, GEMX32-1 | 120modules |
| | GEMXRD-1, GEMXBL-1, GEMXGL-1 | 160modules |
| | GEMXPO-1 | 200modules |
| | GEMXRC-1 | 106modules |
| | GEMX71-1, GEMXH50-1 | 80modules |
| | GEMXH41-1, GEMXH32-1 | 142modules |
| | GEMXHRD | 38modules |
| Tetra PowerMAX | GEPM71-1, GEPM50-1 GEPM41-1, GEPM32-1 | 38modules |

Note: maximum remote mounting distance is 9.1m (wire size is 18AWG(0.82mm²)),15.2m(wire size is 16AWG(1.31mm²)),24.4m(wire size is 14AWG(2.08mm²)),36.6m(wire size is 12AWG(3.31mm²))

Power Supply Specifications (GEPS12-180U)

Support Product: Tetra miniMAX/Tetra MAX/Tetra PowerMAX



| | minimum | Typical | Maximum |
|--|---------|---------|---------|
| Input Voltage (V AC) 120/240 | 90 | 100-240 | 305 |
| Input Frequency (Hz) | - | 50/60 | - |
| Input Current (A) | 0.70 | - | 2.50 |
| Output Voltage (V DC) | 11.64 | 12.0 | 12.32 |
| Output Current (A DC) | - | - | 5.0 |
| Output Power (W) | - | - | 180 |
| Environment Operating Temperature Range (°C) | -40°C | +25°C | +60°C |
| Environment Humidity (condensing) (%) | 10% | - | 90% |
| Environment Storage Temperature Range (°C) | -40°C | - | +85°C |

| Enclosure Specification | Dimensions (L × W × H, mm) |
|-------------------------|----------------------------|
| Damp Location Rated | 305 × 68 × 40 |

| Support Products | SKU | Maximum Load |
|------------------|--|--------------|
| Tetra miniMAX | GEMM71-1, GEMM50-1, GEMM41-1, GEMM32-1 | 450modules |
| | GEMMRD-1, GEMMBL-1, GEMMGL-1 | 360 modules |
| | GEMMPO-1 | 360 modules |
| Tetra MAX | GEMX71-1, GEMX50-1, GEMX41-1, GEMX32-1 | 360modules |
| | GEMXRD-1, GEMXBL-1, GEMXGL-1 | 480modules |
| | GEMXPO-1 | 600modules |
| | GEMXRC-1 | 318modules |
| | GEMX71-1, GEMXH50-1 | 240modules |
| | GEMXH41-1, GEMXH32-1 | 426modules |
| | GEMXHRD | 114modules |
| Tetra PowerMAX | GEPM71-1, GEPM50-1 GEPM41-1, GEPM32-1 | 114modules |

Note: maximum remote mounting distance is 9.1m (wire size is 18AWG(0.82mm²)),15.2m(wire size is 16AWG(1.31mm²)),24.4m(wire size is 14AWG(2.08mm²)),36.6m(wire size is 12AWG(3.31mm²))

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