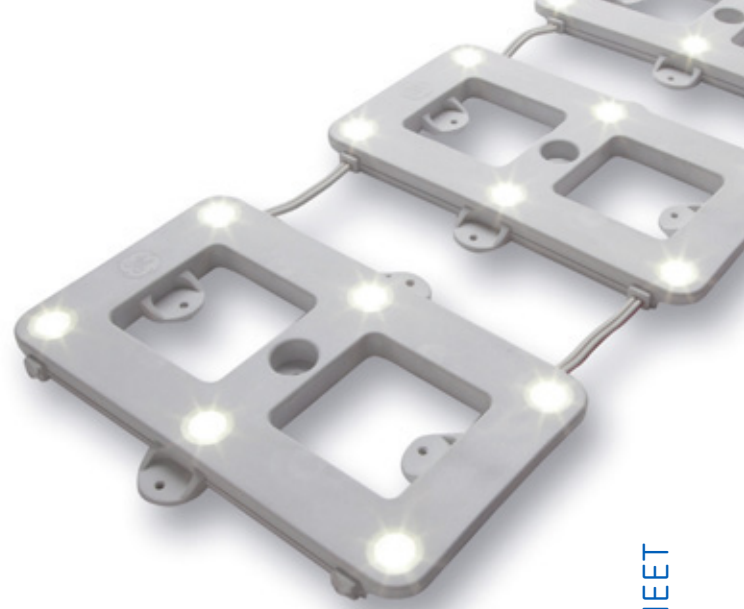


Tetra® PowerGrid Gen3 LED Lighting System



Product information

Tetra® PowerGrid is a modular LED system that replaces fluorescent in backlighting applications that require broad, uniform lighting. This unique LED system provides long life, energy efficiency and brilliant, uniform light across a variety of backlit applications.

Features and benefits

- Uniform light distribution through specialized optic
- Consistent color with 3 step MacAdam ellipse binning
- Cut between every module for the right length
- Modular, Low-voltage 24VDC system for easy installation
- Dimmable with GE 0-10V Dimming LED Driver or GE Dimming Module with GE LED Driver and compatible dimming controller
- IP54, dry or damp location rated

Application

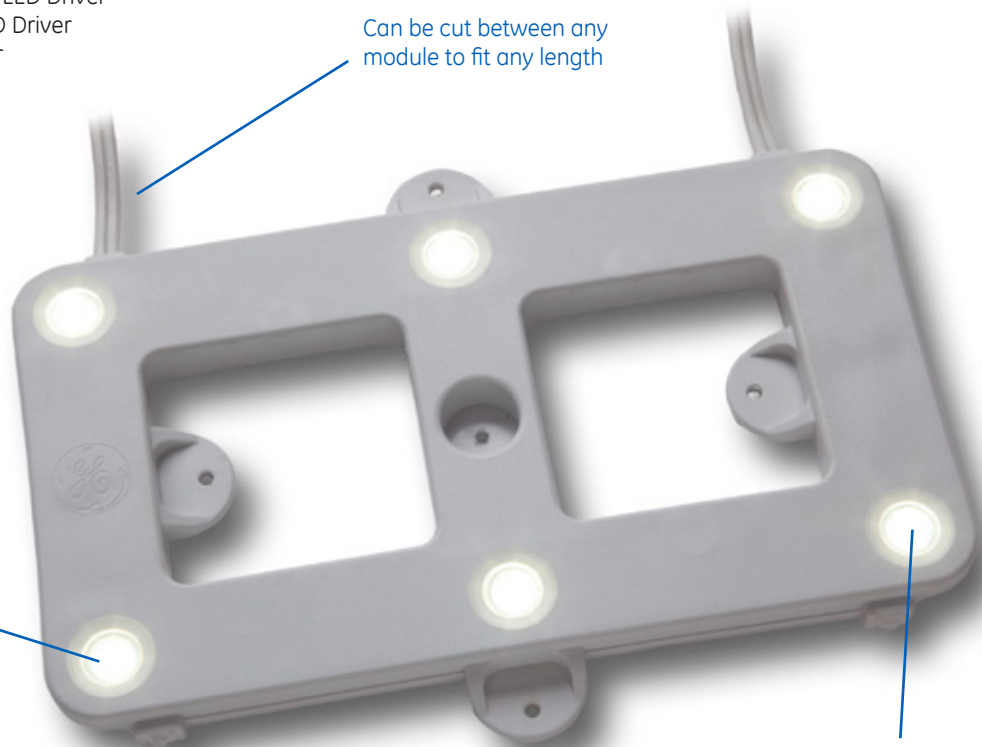
- Backlighting as shallow as 7.6cm

LED Technology

- Long rated life: 50,000 hours
- Energy Efficient
- 5 year limited warranty
- No UV emissions

3 step MacAdam ellipse provides high quality color consistency

Can be cut between any module to fit any length



Optical lens provides even light distribution



GE imagination at work

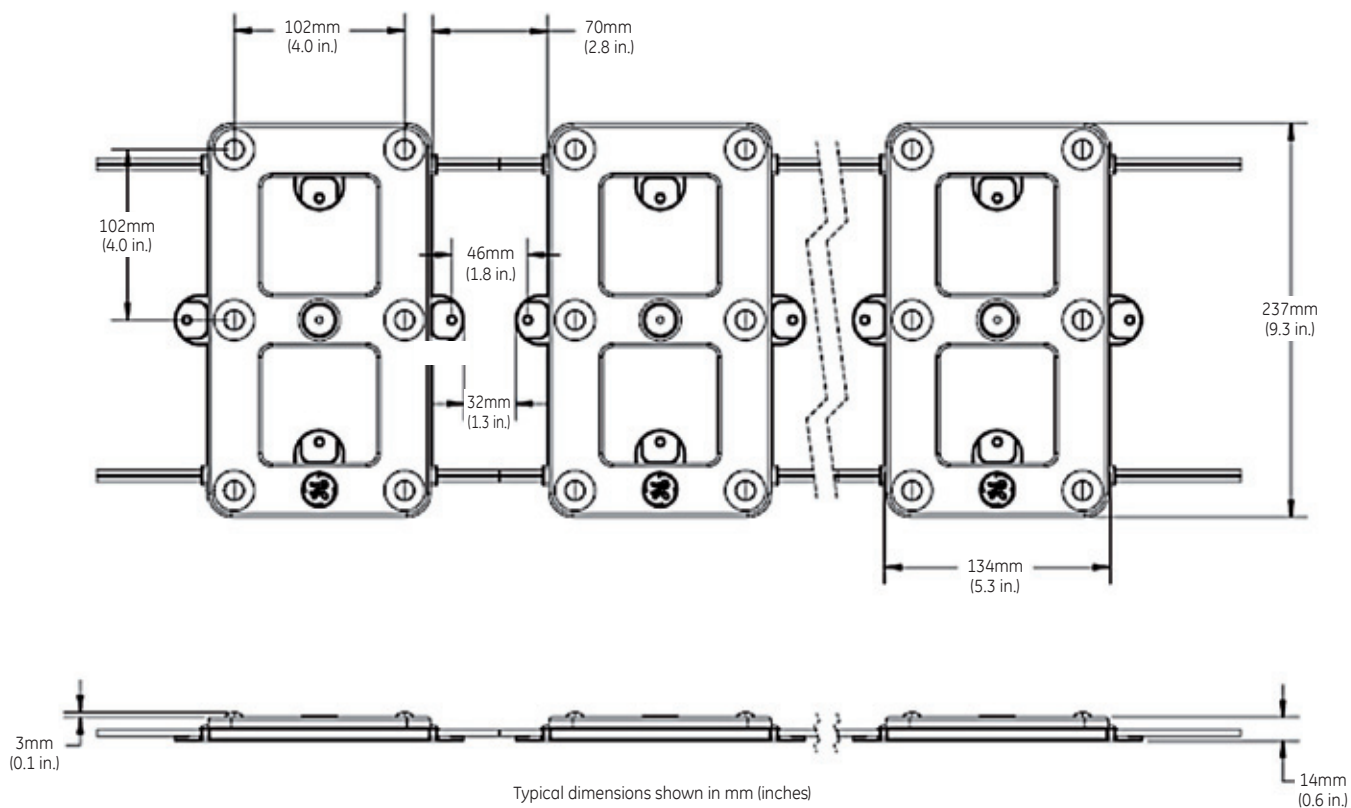
Specifications

Product Code	Description Code	CCT [K]	CCT +/-	Lens	Strip W/Module	System W/Module	Lm/Module	LPW (System)	Modules / Strip
93013528	GEWWPG3P6-27K-A	2700	+90 /-40	155°	2.3 W	2.7 W	215	80	21
93013522	GEWWPG3P6-30K-A	3000	+115 /-65	155°	2.3 W	2.7 W	220	81	21
93013523	GEWWPG3P6-35K-A	3500	+120 /-120	155°	2.3 W	2.7 W	225	83	21
93013524	GEWWPG3P6-40K-A	4000	+121 /-151	155°	2.3 W	2.7 W	230	85	21

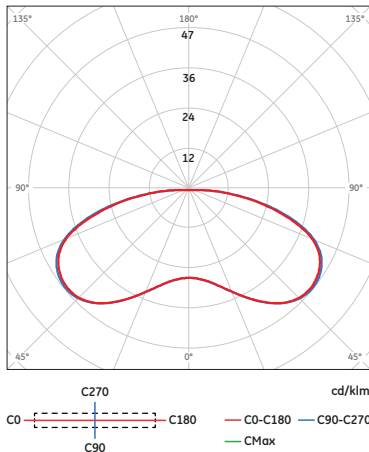
Accessories

Product Code	Description Code	Product Description	Quantity
75514	9409	18 AWG Supply Wire (0.82 mm ²)	500 ft. (152.4 m)/PK
75545	192160004	18-14 AWG In-line Splice Connector (0.82-2.08 mm ²)	500/PK
75546	GEPGEC1	18 AWG Wire End Caps (0.33-0.82 mm ²)	100/PK
67825	GEPS24-100UGL-IP	LED Driver (24VDC/100W); Input Voltage: 108-305VAC; Damp Location Rated	1/PK
62189	GE180/MV/V24T1-C	LED Driver (24VDC/180W); Input Voltage: 90-305VAC; Damp Location Rated	1/PK
79045	GE080/MV/D24T1-A	0-10V Dimming LED Driver (24VDC/80W); Input Voltage: 90-305VAC; Damp Location Rated	1/PK

Dimensional Drawings [mm]



Typical photometrical features



Technical specifications

Operating Voltage: 24VDC system

Environmental Rating: IP54, dry or damp, location rated

Driver max loading:

79045 (GE080/MV/D24T1-A , 0-10V dimming) - 30 modules

67825 (GEPS24-100UGL-IP) - 36 modules

62189 (GE180/MV/V24T1-C) - 33 modules per

bank/66 modules per LED Driver

Dimming: Dimmable with GE 0-10V Dimming LED Driver or GE Dimming Module with GE LED Driver and compatible dimming controller

Module Weight: 0.85lb (0.39kg)

Max remote mounting distance:

60W and 180W

30 ft. (9.14 m)

50 ft. (15.24 m)

80 ft. (24.38 m)

120 ft. (36.58 m)

20W

120 ft. (36.6 m)

Supply Wire Gauge

18 AWG (0.82 mm²) supply wire

16 AWG (1.31 mm²) supply wire

14 AWG (2.08 mm²) supply wire

12 AWG (3.31 mm²) supply wire

Wire size: 18AWG (0.82 mm²)

Ambient Temperature: -40°C to +60°C

CRI: >=80

System Certifications:



This product is intended solely for the use of non-residential architecture lighting and is not intended for any other applications.

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GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law.

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