

Lumination® PowerGrid

LED ARCHITECTURAL SPECIALTY

Project Name _____

Date _____ Type _____

Notes _____



PRODUCT FEATURES

Lumination® PowerGrid is a modular LED system 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 & BENEFITS

- Uniform light distribution through specialized optic
- Cut between every module for the right length
- Modular, low-voltage 24VDC system for easy installation
- Dimmable with 0-10V Dimming LED Driver
- IP54, dry or damp location rated

APPLICATION

- Backlighting as shallow as 3 inches

LED TECHNOLOGY

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



Lumination® PowerGrid

LED ARCHITECTURAL SPECIALTY

Dimensional Details

Project Name _____

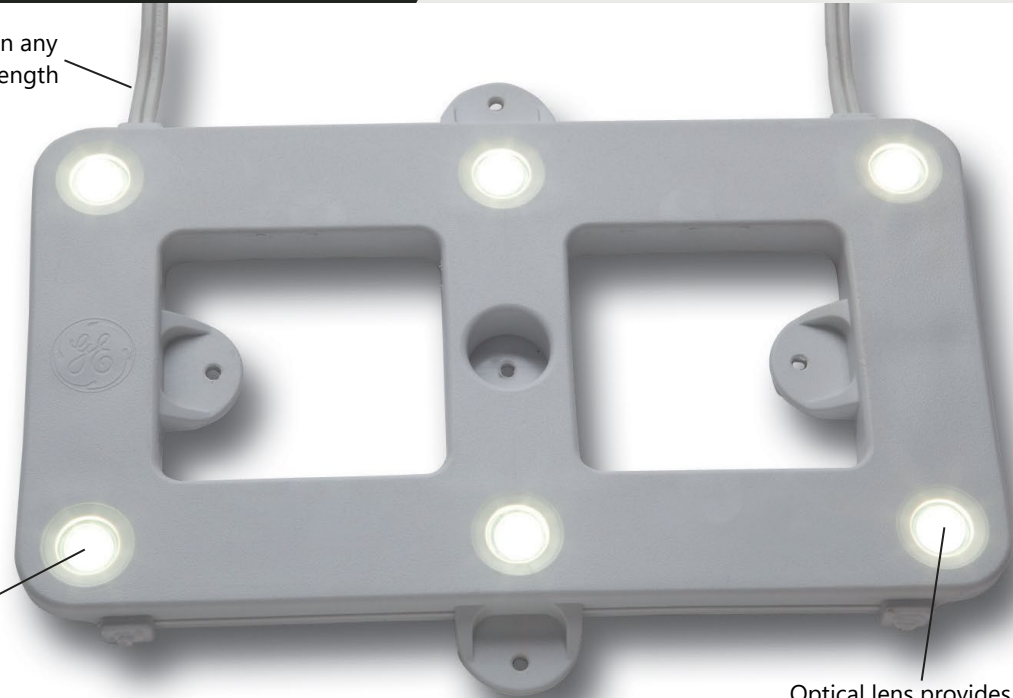
Date _____ Type _____

Notes _____

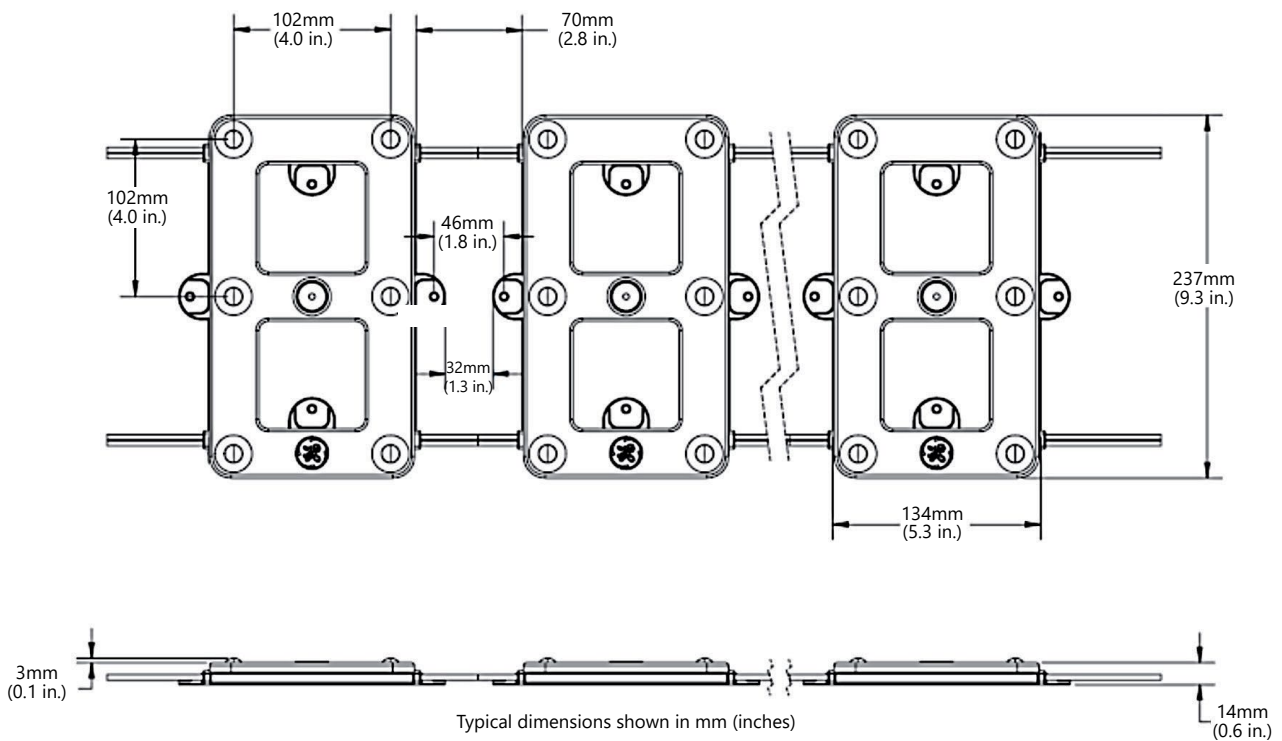
Can be cut between any module to fit any length

High quality color consistency

Optical lens provides even light distribution



DIMENSIONAL DRAWINGS



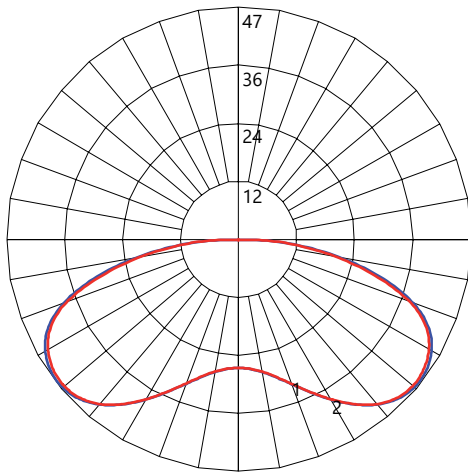
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Specification Details

Technical Specifications by SKU

PRODUCT CODE	DESCRIPTION CODE	CCT+/-	LENS	STRIP W/MODULE	SYSTEM W/MODULE	Lm/MODULE	LPW (SYSTEM)	Modules/Strip
93013528	GEWWPG3P6-27K-A	2700K +90/-40	155°	2.3 W	2.7 W	215	80	21
93013522	GEWWPG3P6-30K-A	3000K +115/-65	155°	2.3 W	2.7 W	220	81	21
93013523	GEWWPG3P6-35K-A	3500K +120 /-120	155°	2.3 W	2.7 W	225	83	21
93013524	GEWWPG3P6-40K-A	4000K +121 /-151	155°	2.3 W	2.7 W	230	85	21

Light Output



— Vertical plane through horizontal angle of maximum candlepower at 52°

— Vertical plane through horizontal angle of 30°

IES files can be downloaded at www.gecurrent.com

Technical Specifications

Operating Voltage: 24VDC System

Environmental Rating: IP54, dry or damp location rated

Driver maximum 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 0-10V Dimming LED Driver or Dimming Module with Current 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)

Wire size: 18AWG (0.82 mm²)

Modules per ft: 2

Ambient Temperature: -40°C to +60°C

CRI: >=80

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

System Certifications:



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