Lumination® PowerGrid
LED ARCHITECTURAL SPECIALTY
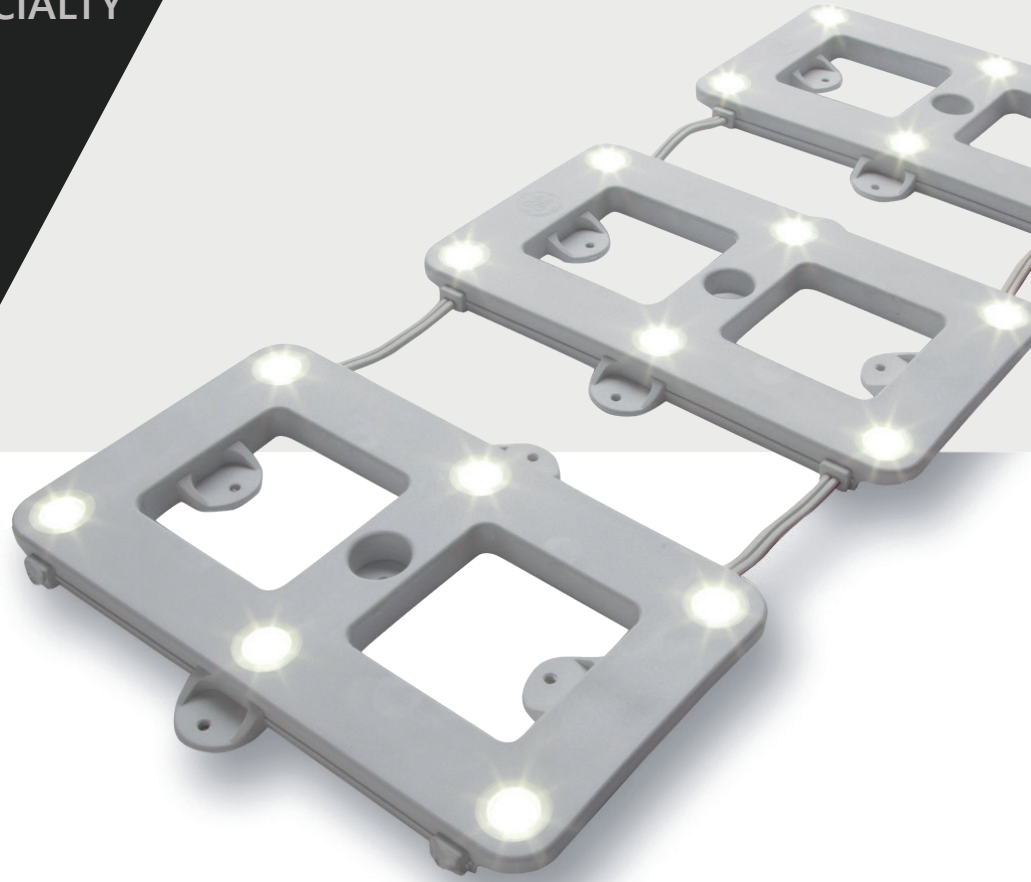
PRODUCT FEATURES

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.
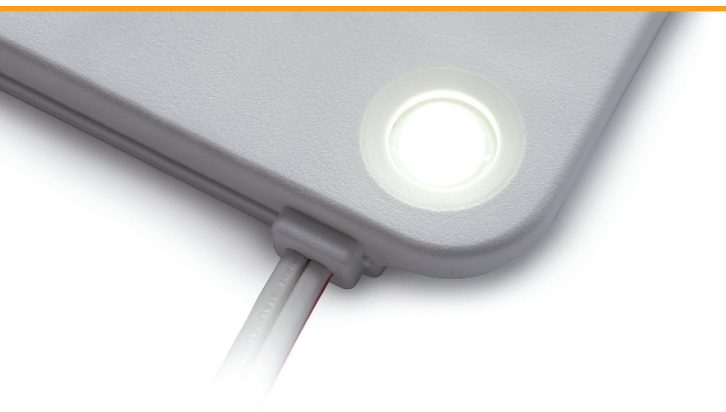
FEATURES & BENEFITS

- 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

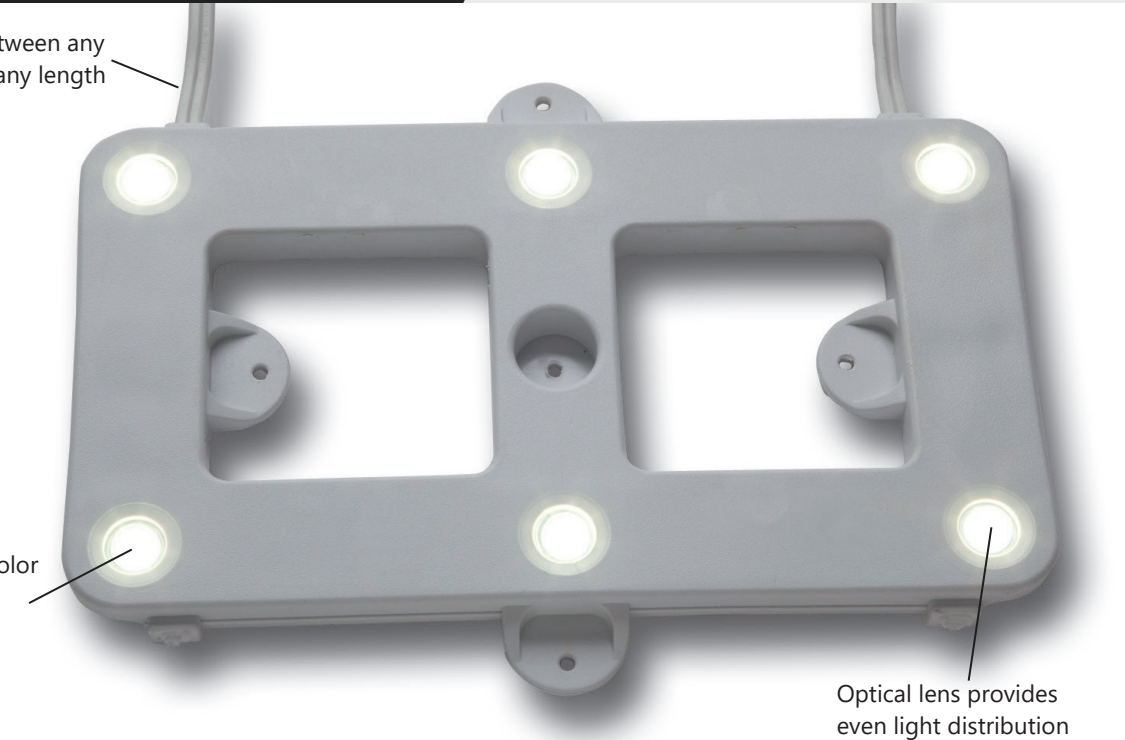## Current

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

102mm (4.0 in.)

70mm (2.8 in.)

102mm (4.0 in.)

46mm (1.8 in.)

237mm (9.3 in.)

32mm (1.3 in.)

134mm (5.3 in.)

3mm (0.1 in.)

14mm (0.6 in.)

Typical dimensions shown in mm (inches)

Current

LED.com

IND020-Lumination-Power-Grid-Series-LED-Architectural-Lighting-Fixtures-Spec-Sheet_R01

Project Name _____

Date _____ Type _____

Notes _____
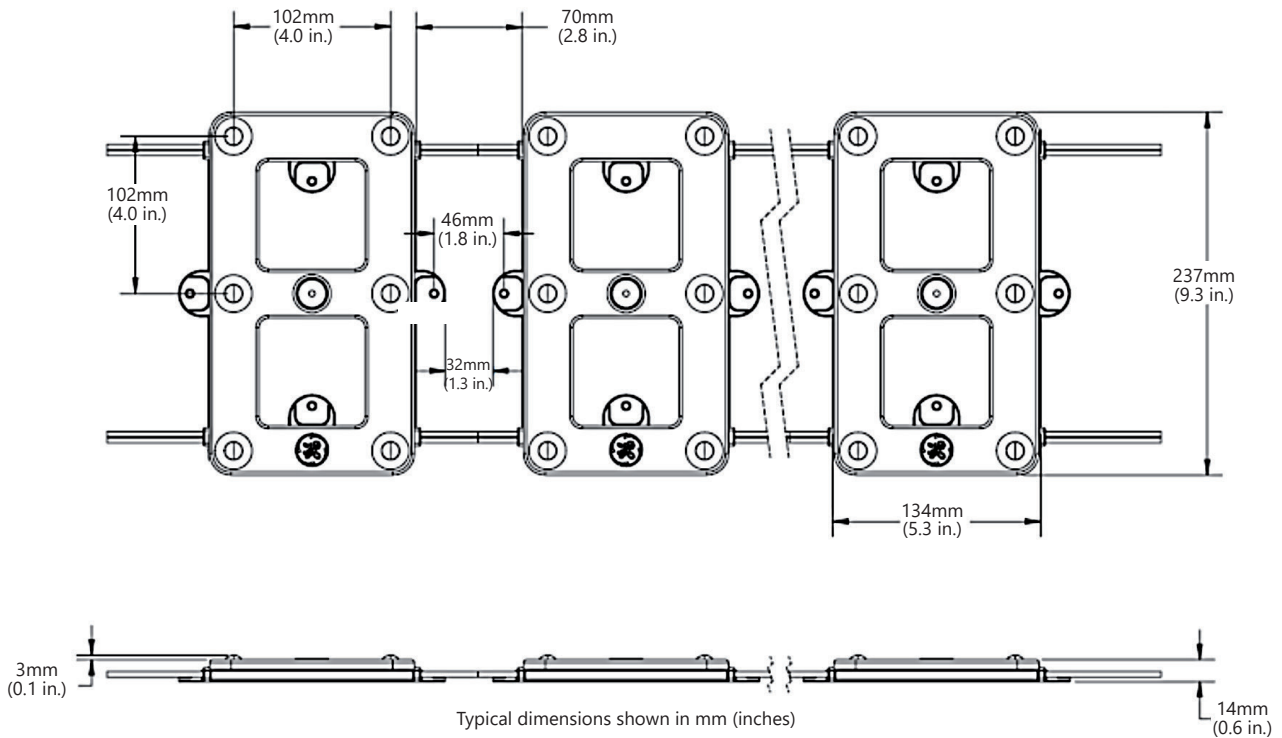
Technical Specifications by SKU

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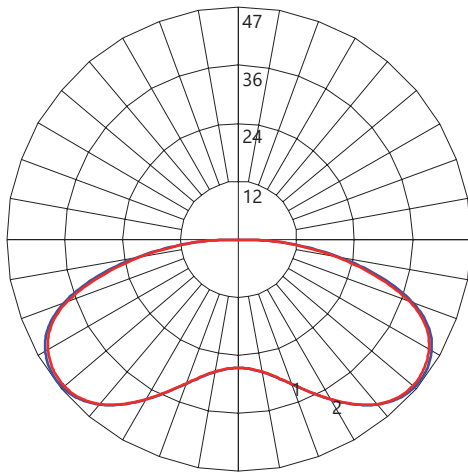
—— Vertical plane through horizontal angle of maximum candlepower at 52°

—— Vertical plane through horizontal angle of 30°

IES files can be downloaded at LED.com

PRODUCT CODE	DESCRIPTION CODE	PRODUCT DESCRIPTION	QUANTITY
75514	9409	18 AWG Supply Wire (0.82 mm²)	500 ft. (152.4 m)/PK
75545	19216004	18-14 AWG In-line Splice Connector (0.82-2.08 mm²)	500/PK
75546	GEPGEC1	18 AWG Wire End Caps (0.33-0.82 mm²)	100/PK
67824	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	00-10V Dimming LED Driver (24VDC/80W); Input Voltage: 90-305VAC; Damp Location Rated	1/PK

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)

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

Max remote mounting distance:

60W and 180W	**20W**
30 ft. (9.14 m)	120 ft. (36.6 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

System Certifications: CE UL CERTIFIED

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