

# Tetra® PowerGrid

LED ARCHITECTURAL SERIES



Tetra PowerGrid is a modular, long-life and energy efficient LED system replacing fluorescent for applications that require broad and uniform lighting. With several modules assembled on a robust strip, this GE solution allows high-performance and steady illumination to emphasize various backlit areas.

## Applications

Ideal for backlighting walls, ceilings and under cabinets

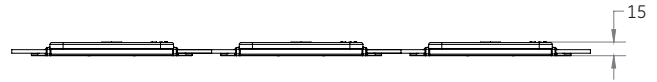
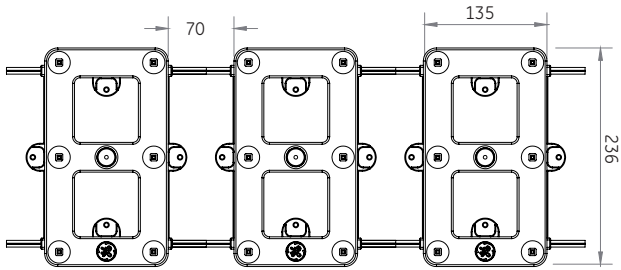
## Features & Benefits

- Up to 64% more energy efficient than fluorescent
- 6 LEDs per module
- Wide range of steady colour temperatures (warm & white)
- High light levels
- Large viewing angle: 120°
- Impact resistant: robust & overmolded design
- Easy to install & easy to handle
- Low voltage 24VDC system
- Contains no lead, mercury or glass - RoHS compliant
- Long rated life of 50,000 hours

a product of  
**ecomagination**™



GE imagination at work



Typical Dimensions shown are in mm

## Performance Data

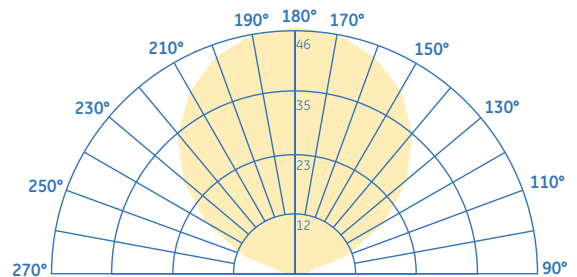
Product Code	Description Code	Colour	Wavelength/ Colour Temp	Viewing Angle	LEDs per module	Modules per metre	Lumens per module	Watts/module (Strip)	Watts/module (System)
75547	GEWWPGP6-27K-A	White	2700K	120	6	~5	94	3.6	4.2
75548	GEWWPGP6-30K-A	White	3000K	120	6	~5	102	3.6	4.2
75549	GEWWPGP6-35K-A	White	3500K	120	6	~5	110	3.6	4.2
75550	GEWWPGP6-40K-A	White	4000K	120	6	~5	115	3.6	4.2
75551	GEWHPGP6-50K-A	White	5000K	120	6	~5	136	3.6	4.2
75552	GEWHPGP6-65K-A	White	6500K	120	6	~5	126	3.6	4.2

Lumen values are typical. Allow +/- 15% for binning tolerance.

## Accessories

Product Code	Description Code	Product Description	Quantity
75514	9409	18 AWG Supply Wire (0.82 mm <sup>2</sup> )	152.4 m/PK
75545	192160004	18-14 AWG In-line Splice Connector (0.82-2.08 mm <sup>2</sup> )	152.4 m/PK
75546	GEPGEC1	18 AWG Wire End Caps (0.82 mm <sup>2</sup> )	30 m/PK

## Light Output



Candela (Cd) measurements taken at 6500K

IES and LDT files can be downloaded at [www.gelighting.com/eu/led](http://www.gelighting.com/eu/led)

## Technical Specifications

Module Dimensions	15 mm x 236 mm x 135 mm
Packaging Quantity	1 strip of 21 modules / 4.27 m
GE LED Drivers	<b>74917</b> (GE020/G/V24T1-B), <b>74915</b> (GE080/G/V24T1-A) & <b>74916</b> (GE100/MV/V24T1-A)
Operating Voltage	24 VDC
Minimum Loading	<b>74917</b> , <b>74915</b> & <b>74916</b> : 1 module
Maximum Loading	<b>74917</b> : 5 modules <b>74915</b> : 4.27 m/21 modules <b>74916</b> : 24 modules
Ambient Temperature	-40°C to +60°C
Limited Warranty	Up to 4 years
IP Rating	IP52: Dry or damp location rated

System Certifications



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