

GEM MINI 1

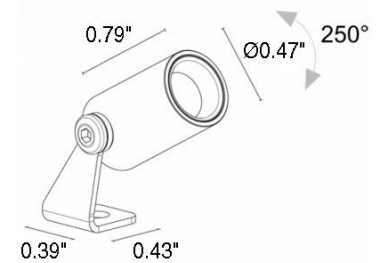
Gem is a series of compact, surface mounted floodlights for indoor installation in residential and commercial environments, particularly shop windows and display cabinets in retail and museums. It is available in 3 different sizes - Gem Mini 1 being the smallest at 0.79" long with a diameter of 0.47" and adjustable 250° - 3 color temperatures and 3 standard finishes.



TECHNICAL DATA

| | |
|---------------------------|--|
| Wattage / Input | 1W (350mA) |
| Power Supply | Remote, not included. See page 2. |
| Construction | Body: Anticorodal Aluminum Bracket: Aluminum Cable Length: 4.92' standard (other lengths available - see page 2) |
| CCT | 2700K, 3000K, 4000K |
| CRI | >90 |
| Delivered Lumens | 51 lm (3000K, 36°) |
| Efficacy | 51 lm/W (3000K, 36°) |
| Optics | 3 Standard (see below) |
| Finishes | 3 Standard, Custom RAL on request (see below) |
| Fixture Dimensions | Ø0.47" x 0.79" h |
| Base Size | 0.39" x 0.43" |
| Fixture Weight | 0.05 lbs |
| LED Source | 1 Power LED |
| Lumen Maintenance | L90, B10 >50,000hrs (Ta 25°C) |
| Color Consistency | 3-Step MacAdam |
| Operating Temp. | 32°F to +113°F |
| IP Rating | IP40 |

Fixture Dimensions



ORDERING INFORMATION

Example: GE01201000F0FP. Power Supplies / Accessories ordered separately.

| | | | |
|------------------|--|-------------------------------|---|
| GE01201000 | | | |
| Model No. | CCT | Optics | Finish |
| GE01201000 | F0 - 2700K 50 - 3000K 90 - 4000K | M - 23° F - 36° L - 48° | N - Black P - Pearl Chrome B - White C - Custom RAL (Consult factory for "C") |

Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES

350mA

| Part Number | Description | Input/Output | # of Fixtures |
|-----------------------------|--|---|---------------|
| PPLT00138 | 0-10V Dimming to 10% | 120-277VAC to 350mA, 4W, Class 2 | 2-3 |
| PPLT00496 | Phase Dim (120V only) | 120VAC to 350mA, 12W, Class 2, DAMP | 3-9 |
| PPLT00480-P | 0-10V Dimming to 1.0% | 120-277VAC to 350mA, 30W, Class 2, DAMP | 1-16 |
| PPLT00263 | Leading / Trailing Edge Dimming to 10% (120V only) | 120-277VAC to 350mA, 32W, Class 2 | 9-13 |
| PPLT00309-P | 0-10V Dimming to 0.1% | 120-277VAC to 350mA, 50W, Class 2, DAMP | 1-16 |
| PPLT00538-P | 0-10V Dimming to 0.1% | 120-277VAC to 350mA, 100W, Class 2 | 1-64 |

Suggested Lutron Compatible

| Part Number | Option | Lutron SKU | Dim Range | Description | Input/Output | # of Fixtures |
|---------------------------|----------------|------------|-----------|---|-----------------------------------|---------------|
| PPLT00252 | LTEA2W | LTEA | 100%-1% | Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only) | 120VAC to 350mA, 7W, Class 2 | 4-5 |
| PPLT00247 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver | 120-277VAC to 350mA, 7W, Class 2 | 4-5 |
| PPLT00516 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver | 120-277VAC to 350mA, 13W, Class 2 | 7-11 |
| PPLT00271 | LTEA2W | LTEA | 100%-1% | Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only) | 120VAC to 350mA, 13W, Class 2 | 7-11 |
| PPLT00179 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver | 120-277VAC to 350mA, 19W, Class 2 | 13-16 |
| PPLT00220 | LTEA2W | LTEA | 100%-1% | Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only) | 120VAC to 350mA, 19W, Class 2 | 13-16 |

For other power supply options consult factory.

ACCESSORIES - Installation

Cables to be ordered with fixture

Your choice of length

WF0600 - Gray - 4.92' (1.5 m) standard

WF4000 - Black - 4.92' (1.5 m) standard

Other lengths are available in 5 meter increments.

Ex: 16.40' (5 m), 32.81' (10 m), 49.21' (15 m), 65.62' (20 m)

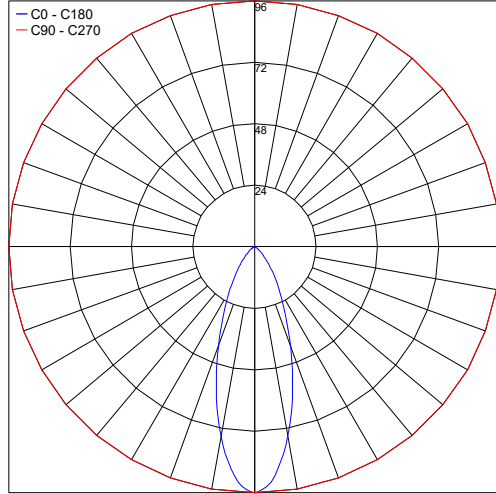
Job Name/Date:

Fixture Type Designation:

PHOTOMETRIC DATA

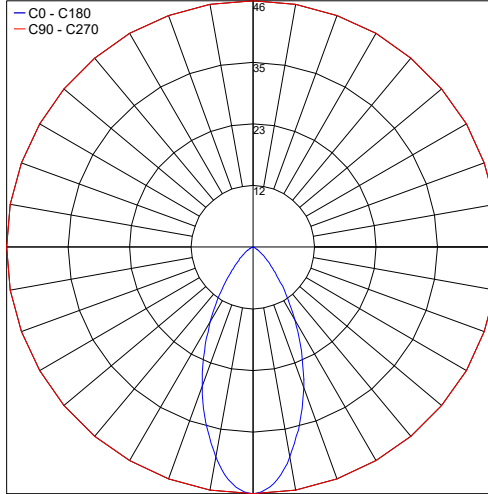
Note all Photometry is 3000K

Maximum Candela = 95.8



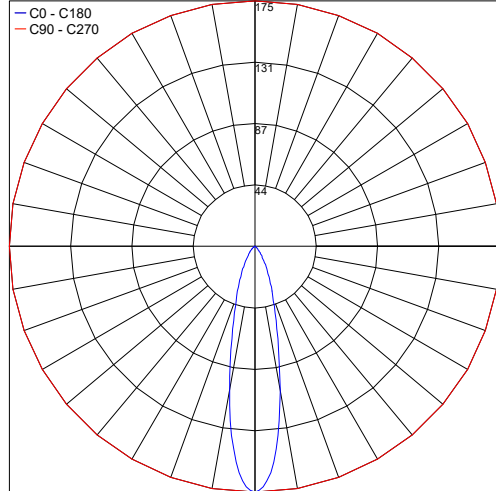
PHOTOMETRIC FILENAME : GEM MINI 1 F 36° [3000K 1W 350MA].IES

Maximum Candela = 46.2



PHOTOMETRIC FILENAME : GEM MINI 1 L 48° [3000K 1W 350MA].IES

Maximum Candela = 174.9



PHOTOMETRIC FILENAME : GEM MINI 1 M 23° [3000K 1W 350MA].IES

Job Name/Date:

Fixture Type Designation: