



# LED GLOBE DECORATIVE FITTER

LED

EPA  
.98 (ft<sup>2</sup>)  
WEIGHT  
6.5 LBS

7 YEAR  
WARRANTY

LUMEN  
RANGE  
2,797 to  
7,859

LIFE SPAN  
L70  
MINIMUM  
100,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **PT-G18LED-5P-VC0B-4L40TS-MDLO3-WA-PEC-FHD/4214FP4-188/BKT**

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Hangstraight	Option GFI	Option Terminal Block	Option Vinyl Lettering	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

### Mounting Configuration

[\(Click here to link to mounting configuration specification page\)](#)

- 1W • 2A • 3A90 • 1AM • CH44<sup>1,2</sup>
- PT • 2A90 • 3APT • 2AM • CAT<sup>2</sup>
- 1A • 2APT • 4A • 450PB
- 1APT • 3A • 4APT • SH44<sup>1,2</sup>

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base SH = Stem Hung CH = Chain Hung CAT = Catenary

<sup>1</sup> Include overall drop length in inches after designation for Stem/Chain application (IE: CH44-48").

<sup>2</sup> Only with 5P fitter.

### Fixture

- G16LED • G18LED • G20LED • G22LED
- G24LED • G16LEDH • G18LEDH • G20LEDH
- G22LEDH • G24LEDH

(H) = Hanging version

### Fitter

- 5P<sup>3</sup> • 99<sup>3</sup> • 995<sup>3</sup> • OL3
- 73 • 992<sup>3</sup> • BD4 • OL4
- 74 • 993<sup>3</sup> • BD5 • 588
- 990<sup>3</sup> • 994<sup>3</sup> • BD7 • C2097<sup>3,4</sup>

<sup>3</sup> Add "T" after fitter designation for optional "Twist-lock" fitter.

<sup>4</sup> Consult factory for use on concrete poles.

### LED

- VCOB-4L

### CCT - Color Temperature (K)

- 27(00) • 30(00) • 35(00) • 40(00) • 50(00)

### Type

- TS (Symmetric)

### Driver

- MDLO16 (120V-277V, 160mA)
- MDHO16 (347V-480V, 160mA)
- MDLO2 (120V-277V, 250mA)
- MDHO2 (347V-480V, 250mA)
- MDLO3 (120V-277V, 350mA)
- MDHO3 (347V-480V, 350mA)
- MDLO5 (120V-277V, 500mA)
- MDHO5 (347V-480V, 500mA)

### Lens

- WA (White Acrylic) • RA (Red Acrylic)

- BA (Blue Acrylic) • FA (Frosted Acrylic)

### Options [\(Click here to view accessories sheet\)](#)

- R7<sup>5</sup> 7-Pin control receptacle only
- PE<sup>6</sup> Twist-Lock Photocontrol (120V-277V)
- PE4<sup>6</sup> Twist-Lock Photocontrol (347V-480V)
- SC<sup>6</sup> Shorting Cap
- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480V)
- HSHS<sup>7</sup> Standard Horizontal Hangstraight, Spike Finial
- HSHN<sup>7</sup> Standard Horizontal Hangstraight, No Finial
- HSHB<sup>7</sup> Standard Horizontal Hangstraight, Ball Finial
- EZ<sup>7</sup> Vertical Hangstraight, Large, "EZ" Mount
- GFI<sup>5</sup> 15A Duplex GFI for Utility Fitter
- TB<sup>5</sup> Terminal Block
- VL<sup>8</sup> Vinyl Lettering

<sup>5</sup> For '900' series utility fitter, or 'HSH\_' hangstraight

<sup>6</sup> Requires control receptacle

<sup>7</sup> For use with hanging (H) units only

<sup>8</sup> Specify exact wording in MEMO section

### Arm [\(Click here to link to arm specification page\)](#)

See Arms & Wall Brackets specification sheets.

- 50 • 70 • 480 • 6236 • TA • BA
- 478 • 80 • 55 • 579 • TASC

### Pole [\(Click here to link to pole specification page\)](#)

See Pole specification sheets.

### Finish [\(Click here to view paint finish sheet\)](#)

#### Standard Finishes<sup>9</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>9</sup> Smooth finishes are available upon request

#### Custom Finishes<sup>10</sup>

- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>10</sup> Custom colors require upcharge.

### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

### Fixture

The globe shall be 16"-24" in diameter with an 8" aluminum neck. It will be made dent resistant acrylic. Globes shall be available in the following colors: frosted, white, red or blue. The Luminaire shall be UL listed in US and Canada.

### Fitter - Standard

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an 8-1/2" inside diameter opening to attach to the 8" neck of the acorn globe. When ordered with a Sternberg aluminum pole, the fitter shall be welded to the pole top or tenon for safety and to ensure the fixture will be plumb, secure and level over the life of the installation. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly.

### 900 Series Utility Fitter Option

The fitter shall be heavy wall cast aluminum, 360 die cast alloy for high tensile strength. It shall have a 9-1/4" inside diameter opening to attach to the 8" neck of the acorn globe. It shall have a hinged, tool-less entry door that provides open access to all of the components. The 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 finger latches. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly. When supplied with GFCI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.

See next page

# LED GLOBE DECORATIVE FITTER



## LED's

The luminaire shall use high output, high brightness LED's, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame mounted to vertical heat sinks. The LED's and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (2700K, 3000K, 3500K or 5000K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

## Optics

The luminaire shall be provided with individual, molded silicone refractor type optics applied

to each COB (Chip On Board) LED assembly. The optic shall be at least 92% efficient while providing superior thermal, UV and impact resistance for the COB assembly. The optic helps efficiently shape and distribute the light while minimizing up-light. The luminaire shall provide Symmetric and Asymmetric light distribution. Testing shall be done in accordance with IESNA LM-79.

## Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.

## Photocontrols

**Button Style:** The photocontrol shall be

mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years. See pole spec sheet for pole mounted version.

**Twist-Lock Style:** The photocontrol shall be mounted in the utility fitter or on the hang-straight and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

## Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

## Performance

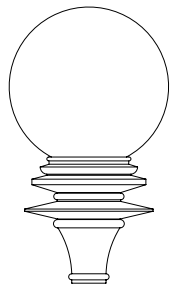
(Based on G20WHA)

LIGHT SOURCE	TS LUMENS	EFFICACY (LPW)	WATTAGE
4L40TS-MDL05	7859	94.5	83
4L40TS-MDL03	5537	103.7	53
4L40TS-MDL02	3885	106.4	36
4L40TS-MDL016	2797	105.6	26

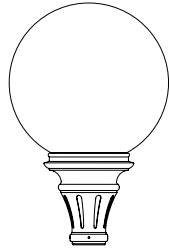
# LED GLOBE DECORATIVE FITTER

LED

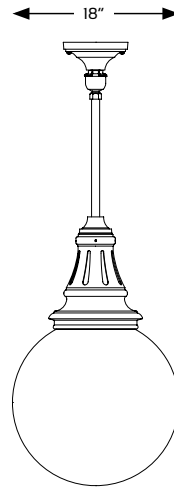
## Fixtures



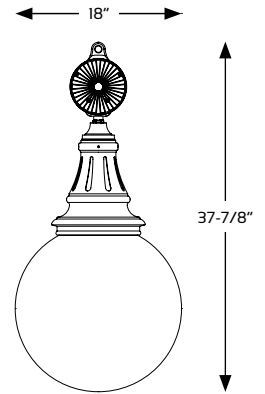
G18LED-588



G18LED-5P



SH44-48"-G18LEDH-5P



CAT-G18LEDH-5P

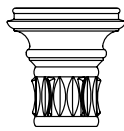
## Fitters

10-1/8" W  
10-3/8" H



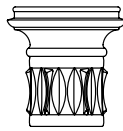
5P or 5T\*  
Fits 3" OD  
x 3" tall  
tenon/pole

10-1/8" W  
10-1/8" H



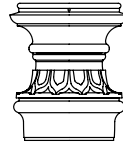
BD4  
Fits 4" OD  
x 5" tall  
tenon/pole

10-1/8" W  
10-1/4" H



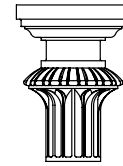
BD5  
Fits 5" OD  
x 6" tall  
tenon/pole

10-1/8" W  
11-3/4" H



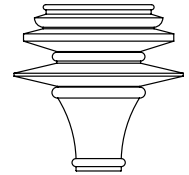
BD7  
Fits 7" OD  
x 1" tall  
tenon/pole

9-3/4" W  
13-1/4" H



73  
Fits 3" OD  
x 4" tall  
tenon/pole  
74  
Fits 4" OD  
x 4" tall  
tenon/pole

14-1/2" W  
14-1/4" H



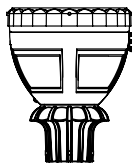
588  
(Art Deco I)  
Fits 3" OD  
x 3" tall  
tenon/pole

10-1/2" W  
15-3/4" H



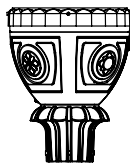
990  
Fits 3" OD  
x 3" tall  
tenon/pole  
994  
Fits 4" OD  
x 3" tall  
tenon/pole

10-1/2" W  
13-1/8" H



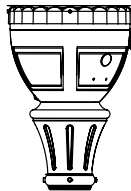
991  
Fits 3" OD  
x 3" tall  
tenon/pole

10-1/2" W  
13-1/8" H



992  
Fits 3" OD  
x 3" tall  
tenon/pole

10-1/2" W  
15-3/4" H



993  
Fits 3" OD  
x 3" tall  
tenon/pole  
995  
Fits 4" OD  
x 3" tall  
tenon/pole

10-1/2" W  
11-3/8" H



OL3  
Fits 3" OD  
x 3" tall  
tenon/pole  
OL4  
Fits 4" OD  
x 3" tall  
tenon/pole

10" W  
3-1/4" H



C2097  
Fits 7" OD  
x 1" tall  
tenon/pole