



LED GLOBE PLAIN FITTER



EPA
.98 (ft²)
WEIGHT
6.5 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
1,109 to
2,111

LIFE SPAN
L70
MINIMUM
100,000
HOURS



JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **PT-G18LED-PF-1L40TS-MDLO2-WA-FHD/4214T4-188/BKT**

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Fuse	Option Vinyl Lettering	Arm <small>See Arm Spec Sheets</small>	Pole <small>See Pole Spec Sheets</small>	Finish

Mounting Configuration¹

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

- 1W • 2A • 3A90 • 1AM
- 673PB • PT • 2A90 • 3APT
- 2AM • 1A • 2APT • 4A
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

¹Not offered for down light application.

Fixture

- G14LED • G16LED • G18LED
- G20LED • G22LED

Fitter

- PF (Plain Fitter)

LED

- 1L

CCT - Color Temperature (K)

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

Type

- TS (Symmetric)

Driver

- MDL03 (120V-277V, 300mA)
- MDH03 (347V-480V, 300mA)
- MDL04 (120V-277V, 400mA)
- MDH04 (347V-480V, 400mA)
- MDL05 (120V-277V, 500mA)
- MDH05 (347V-480V, 500mA)
- MDL06 (120V-277V, 625mA)
- MDH06 (347V-480V, 625mA)

Lens

- WA (White Acrylic) • RA (Red Acrylic)
- BA (Blue Acrylic) • FA (Frosted Acrylic)

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

- FHD² Double Fuse and Holder
- VL³ Vinyl Lettering

² Ships loose for installation in base

³ 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 • TASCR

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

See Pole specification sheets.

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

Standard Finishes⁴

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

⁴Smooth finishes are available upon request

Custom Finishes⁵

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

⁵Custom colors require upcharge.

Sternberg Select Finishes

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

Specifications

Fixture

The globe shall be 14"-22" in diameter with a low profile "dish" style plain fitter. It will be made of 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 internal spring lock and release system for ease of globe attachment. A 9" wide fitter is utilized for 16"-22" globes and shall slip fit a 3" OD x 3" tall tenon. A smaller 6" wide fitter is utilized for 14" globes and shall slip fit a 3"

OD x 1-1/2" tall tenon. The end of the fitter shall have four (4) stainless steel allen head screws which secures the connection between the fitter and tenon.

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 equipped with a single, molded silicone omnidirectional optic, mounted atop the COB (Chip On Board) LED assembly. The optic shall be at least 95% efficient while providing excellent thermal, UV and impact resistance for the COB assembly. The optic shall evenly dispense the light around the interior of the globe for a uniform exterior appearance.

Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be remotely mounted in the field, arm, pole or base depending on the selected options. It shall be supplied with a quick-disconnect electrical connector on the power supply, *See next page*

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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.

Warranty

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

Finish

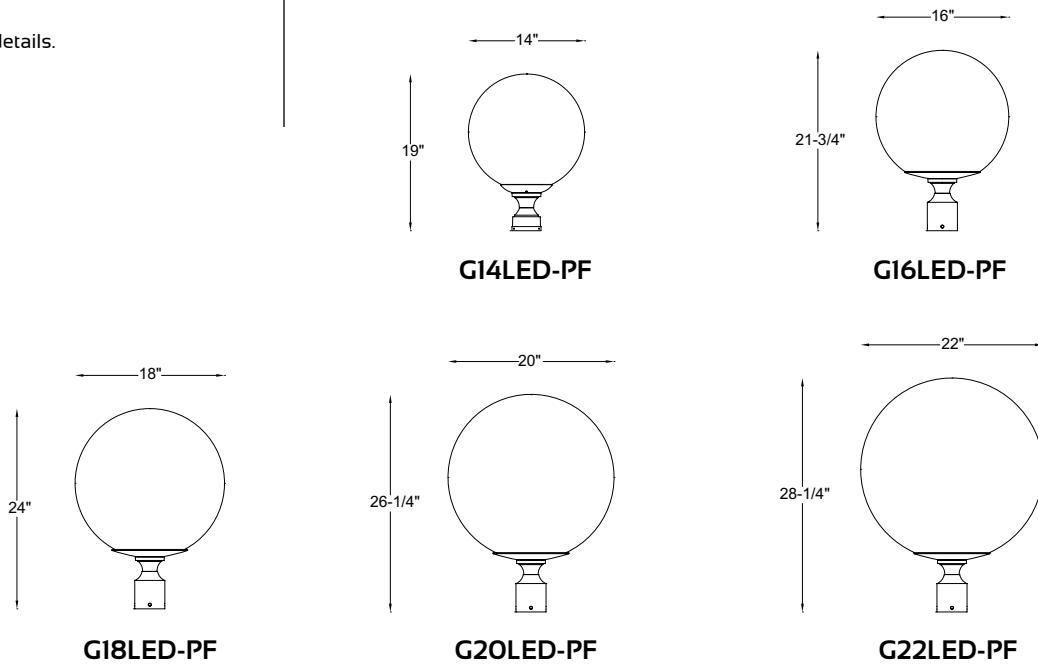
Refer to website for details.

Performance

(Based on G18WHA)

LIGHT SOURCE	TS LUMENS	EFFICACY (LPW)	WATTAGE
1L40TS-MDL06	2111	81.5	26
1L40TS-MDL05	1729	85.2	20
1L40TS-MDL04	1434	89.1	16
1L40TS-MDL03	1109	92.4	12

Fixtures



Options



VL
Optional Vinyl Lettering
4" tall letters
shown on 18" globe