



0620LED/0630LED/0640LED/0680LED/0690LED PRAIRIE II SERIES

LED

EPA
1.88(ft²)
WEIGHT
25 LBS

7 YEAR
WARRANTY

Lumen
Range
2,375 to
1,260

Life Span
L70
MINIMUM
100,000
HOURS

UL
LISTED

CLICK
FOR FAQ'S

JOB NAME

FIXTURE TYPE

MEMO

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-0630LED-1RND45T5-MDLO3-CSA-PEC-FHD/HCF2/5SQ15/BKT**

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Photocontrol	Option Fuse	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

Mounting Configuration

(Click here to link to mounting configuration specification page)

- IW • 2A90 • 3APT • P2PB
- PT • 2APT • 4A • CH44¹
- 1A • 3A • 4APT • SH44¹
- 1APT • 3A90 • 1AM
- 2A • 3A120 • 2AM

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

¹Include stem/chain hung in inches after designation. (IE: CH44-36")

Fixture

- 0620LED Tinley II • 0680LED Artisan II
- 0630LED Prairie II • 0690LED Homestead II
- 0640LED Paragon II

Fitter²

- R3 • R4 • R5 • S4 • S5

²For "PT" mounting only.

LED

- 1RND

CCT

- 27(00) • 35(00) • 45(00)

Type

- T2 • T3 • T3R • T4 • T5

Driver

- MDL03 (120v-277v, 350mA)
- MDL05 (120v-277v, 525mA)
- MDH03 (347v-480v, 350mA)
- MDH05 (347v-480v, 525mA)

Lens (Click here to link to lens option specification page)

- CTA • CSA • PA • AGB • SV1 • SV2

Options (Click here to view accessories sheet)

- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHD Dual Fuse & Holder

Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- HMA2 • HCF2

Pole (Click here to link to pole specification page)

See Pole specification sheets.

Finish (Click here to view paint finish sheet)

Standard Finishes³

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

³Smooth finishes are available upon request

Custom Finishes⁴

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

⁴Custom colors require upcharge.

Sternberg Select Finishes

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

Specifications

Fixture

The 0630LED shall be 16" wide and the overall height shall be 25". The lenses will be made of vandal resistant acrylic. The entire fixture shall be made of cast aluminum, 319 alloy. The Luminaire shall be UL listed in US and Canada.

Fitter

The fixture shall be provided with a heavy wall cast aluminum fitter that can accept a 3" OD (R3), 4" OD (R4), 5" OD (R5), 4" square (S4) or 5" square (S5) pole or 3" 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. They shall be mounted in arrays, on printed circuit boards designed

to maximize heat transfer to the heat sink surface. The arrays shall be roof mounted to minimize up-light. The LED's and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. 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 4500K (3500K or 2700K option) color temperature with a minimum 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, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

Electronic Driver

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 as well as 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 dimmable using a 0-10v signal. The driver shall have a minimum efficiency of 88%.

See next page

O620LED/O630LED/O640LED/O680LED/O690LED PRAIRIE II SERIES

LED

Photocontrols

Button Style: On a single assembly the photocontrol shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted in the pole shaft on an access plate. 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.

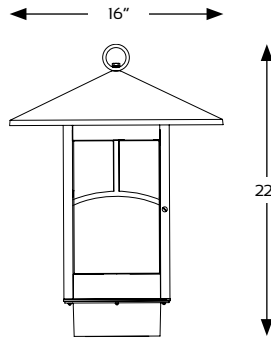
Warranty

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

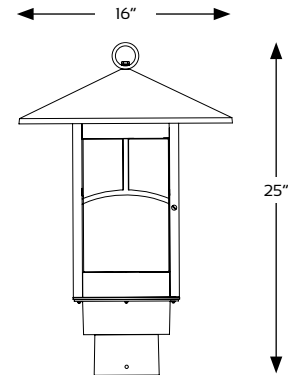
Finish

Refer to website for details.

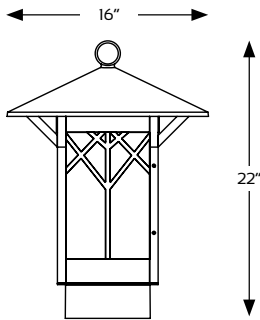
Fixtures



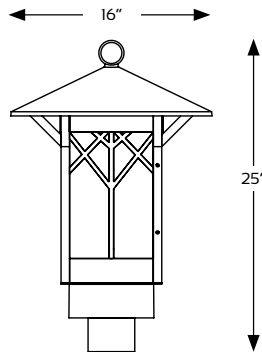
O620LED Tinley



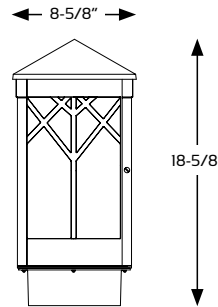
O620LED Tinley II
Post Top
with Fitter



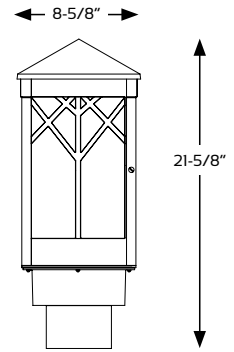
O630LED Prairie II



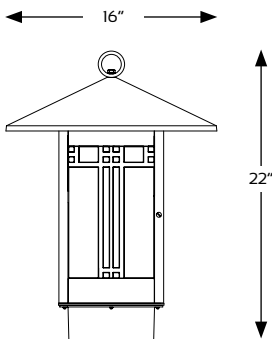
O630LED Prairie II
Post Top
with Fitter



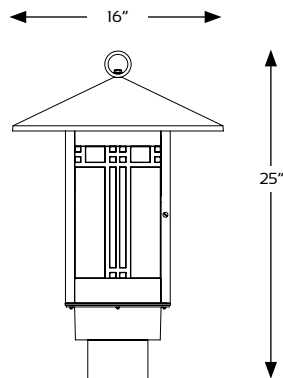
O640LED Paragon II



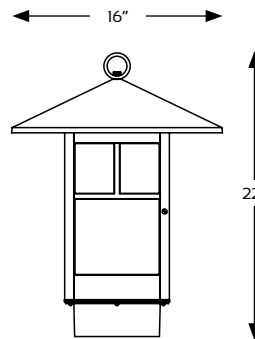
O640LED Paragon II
Post Top
with Fitter



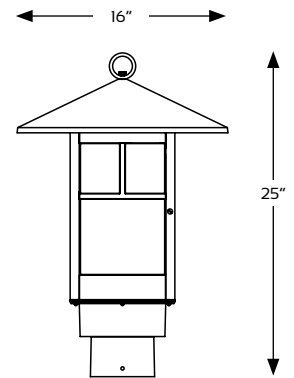
O680LED Artisan II



O680LED Artisan II
Post Top
with Fitter

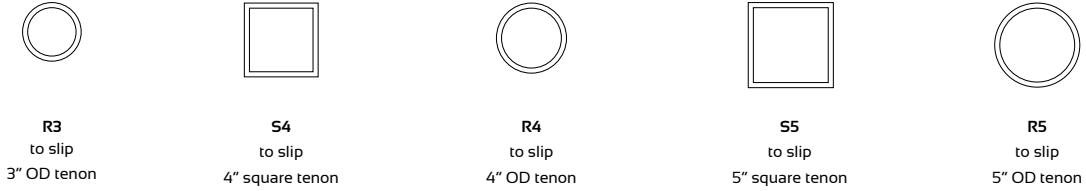


O690LED Homestead II



O690LED Homestead II
Post Top
with Fitter

Fitters



Performance (Based on O630LED with "CSA" Lens)

LIGHT SOURCE	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
1RND27T_MDL05	1855	39.5	1725	36.7	1775	37.8	1810	38.5	1740	37.0	47
1RND35T_MDL05	2115	45.0	1970	41.9	2025	43.1	2065	43.9	1985	42.2	47
1RND45T_MDL05	2375	50.5	2215	47.1	2275	48.4	2320	49.4	2230	47.4	47
1RND27T_MDL03	1370	42.8	1260	39.4	1330	41.6	1325	41.4	1290	40.3	32
1RND35T_MDL03	1565	48.9	1440	45.0	1515	47.3	1515	47.3	1470	45.9	32
1RND45T_MDL03	1760	55.0	1615	50.5	1705	53.3	1700	53.1	1655	51.7	32