



6130-XRLED HERITAGE SERIES

LED

CLICK FOR FAQ'S

EPA 2.42 (ft²)
WEIGHT 40 LBS

5 YEAR WARRANTY

MAXIMUM WATTAGE 91W

UL LISTED

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-6130A-XRLED-12L45T5-MDL14-SV1-PEC-FHD/480PM/5412FP5/BKT**

| Mounting Config. | Fixture | LED | CCT | Type | Driver | Lens | Option Photocontrol | Option Fuse | Arm <small>See Arm Spec Sheets</small> | Pole <small>See Pole Spec Sheets</small> | Finish |
|------------------|---------|-----|-----|------|--------|------|---------------------|-------------|---|---|--------|
| | | | | | | | | | | | |

Mounting Configuration

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

- IW • 2A90 • 4APT • SH44
- PT • 3A • 1AM
- 1A • 3APT • 2AM
- 1APT • 3A90 • 450PB
- 2A • 4A • CH44

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

Fixture

- 6130A • 6130C

LED

- XRLED-9L • XRLED-12L

CCT - Color Temperature

- 45(00) • 35(00) • 27(00)

Type

- T2 • T3 • T4 • T5

Driver

- MDL07 (120v-277v, 700mA)¹
- MDL14 (120v-277v, 1400mA)
- MDL21 (120v-277v, 2100mA)²
- MDH07 (347v-480v, 700mA)¹
- MDH14 (347v-480v, 1400mA)

¹For use with 9L system only.
²For use with 12L system only.

Lens [\(Click here to link to lens option specification page\)](#)

- SV1 • SV2 • CSA • CTA
- FA • PA • WA

Options

- PEC Electronic Photocontrol 120-277 Volt
- PEC4 Electronic Photocontrol 480 Volt
- FHD Dual Fuse & Holder - 208, 240, 480 Volt

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

See Arms & Wall Brackets specification sheets.

- 478 • 55 • 579 • BA • TASC
- 480 • 6236 • 779 • TA

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

- CM Custom Match
- 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 fixture shall be 21" wide and 43" tall. It shall be made of heavy wall cast aluminum, 356 alloy and lenses will be made of vandal resistant acrylic.

Post Fitter

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to attach to a 3" pole or tenon. When ordered with a Sternberg pole, the fitter shall be set screwed to the pole top or tenon.

Driver Housing

The driver housing shall be heavy wall cast aluminum, 356 alloy for high tensile strength. The housing shall be mounted to the cast fitter with one screw.

The ballast shall be attached against the ballast housing by 4 studs to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life.

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 downward facing to minimize up-light. The LED's and printed circuit boards shall be environmentally friendly and 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. They shall operate in a -40°C (-40°F) to +50°C (122°F) ambient air temperature range. The High Performance white LED's will have a life expectancy of approximately 50,000 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 CRI of 70. 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, 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.

See next page

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LED

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.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection which reduces output to less than half rating if the case temperature reaches 85°C.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

Photocontrols

Button Style: On single post top fixtures the photocontrol shall be mounted in the fitter and pre-wired to ballast. On multiple head fixture assembly's photocontrol shall be mounted in the pole shaft on an access plate and are not pre-wired as ballast housing assemblies and fitters are packaged separately for ease of wiring to source. 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.

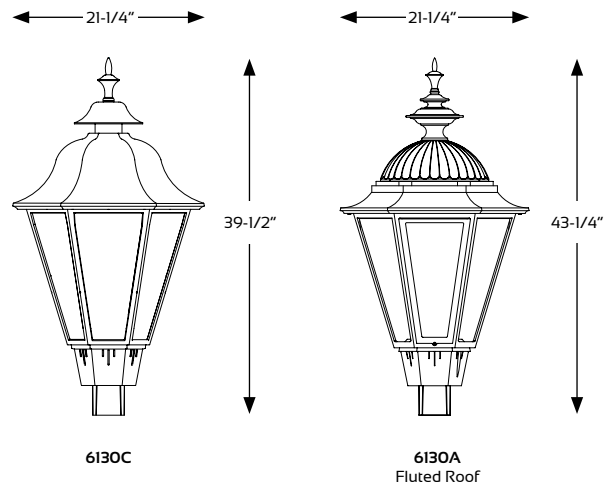
Warranty

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

Finish

Refer to website for details.

Fixture



Performance

| LIGHT SOURCE | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------|
| 12L27T_-MDL21 | 3925 | 43.1 | 4185 | 46.0 | 3995 | 43.9 | 4470 | 49.1 | 91 |
| 12L35T_-MDL21 | 4715 | 51.8 | 5025 | 55.2 | 4795 | 52.7 | 5365 | 59.0 | 91 |
| 12L45T_-MDL21 | 5105 | 56.1 | 5445 | 59.8 | 5195 | 57.1 | 5815 | 63.9 | 91 |
| 12L27T_-MDL14 | 3255 | 56.1 | 3315 | 57.2 | 3080 | 53.1 | 3625 | 62.5 | 58 |
| 12L35T_-MDL14 | 3910 | 67.4 | 3980 | 68.6 | 3700 | 63.8 | 4355 | 75.1 | 58 |
| 12L45T_-MDL14 | 4235 | 73.0 | 4315 | 74.4 | 4005 | 69.1 | 4715 | 81.3 | 58 |
| 09L27T_-MDL14 | 2590 | 57.6 | 2495 | 55.4 | 2520 | 56.0 | 2870 | 63.8 | 45 |
| 09L35T_-MDL14 | 3105 | 69.0 | 2995 | 66.6 | 3025 | 67.2 | 3445 | 76.6 | 45 |
| 09L45T_-MDL14 | 3365 | 74.8 | 3245 | 72.1 | 3280 | 72.9 | 3735 | 83.0 | 45 |
| 09L27T_-MDL07 | 1490 | 71.0 | 1375 | 65.5 | 1400 | 66.7 | 1650 | 78.6 | 21 |
| 09L35T_-MDL07 | 1790 | 85.2 | 1655 | 78.8 | 1680 | 80.0 | 1980 | 94.3 | 21 |
| 09L45T_-MDL07 | 1935 | 92.1 | 1790 | 85.2 | 1825 | 86.9 | 2150 | 102.4 | 21 |