



# F430-XRLED FLORENCE SERIES

LED

EPA  
1.65 (ft<sup>2</sup>)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY

LUMEN  
RANGE  
1,440 to  
5,910

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

JOB NAME

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FIXTURE TYPE

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MEMO

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## BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-F430-XRLED-9L45T5-MDLO7-A-FHD/478PM/3810FP4/FCC/BKT**

Mounting Config.	Fixture	LED	CCT	Type	Driver	Lens	Option Control	Option Fuse	Option Chimney	Option House Side Shield	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

### Mounting Configuration

(Click here to view mounting configuration sheet)

- 1W    • 2A    • 3A90    • 1AM    • SH28<sup>1</sup>
- PT    • 2A90    • 3APT    • 2AM
- 1A    • 2APT    • 4A    • 28PB
- 1APT    • 3A    • 4APT    • CH28<sup>1</sup>

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

<sup>1</sup> Need Stem/Chain length in inches after designation (IECH44-36").

### Fixture

- F430

### LED

- XRLED-9L    • XRLED-12L

### CCT - Color Temperature (K)

- 27(00)    • 35(00)    • 45(00)

### Type

- T2    • T3    • T4    • T5

### Driver

- MDLO7 (120v-277v, 700Ma)<sup>2</sup>
- MDL14 (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup> For use with 9L system only.

### Lens

- A (Acrylic)    • FA (Frosted Acrylic)

### Options (Click here to view accessories sheet)

- PEC Electronic Button Photocontrol (120v-277v)
- PEC4 Electronic Button Photocontrol (480v)
- FHD<sup>3</sup> Double Fuse and Holder
- FMC Frosted Mission Chimney
- HSS House Side Shield

<sup>3</sup> Ships loose for installation in base.

### Arm (Click here to view arm website page)

See Arms & Wall Brackets specification sheets.

- 478    • 480    • 1080    • 1082    • 1085    • 1087

### Pole (Click here to view pole website page)

See Pole specification sheets.

### Finish (Click here to view paint finish sheet)

#### Standard Finishes<sup>4</sup>

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

<sup>4</sup> Smooth finishes are available upon request.

#### Custom Finishes<sup>5</sup>

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

<sup>5</sup> Custom colors require upcharge.

#### Sternberg Select Finishes

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

## Specifications

### Fixture

The fixture shall be 18-1/2" diameter and 35-3/8" tall. It shall be made of heavy wall cast aluminum. The F430 is the large scale fixture in the Florence series. The Luminaire shall be UL listed in US and Canada.

### LEDs

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 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 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. 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, 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 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, 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.

**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.

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

See next page

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LED

## Photocontrols

**Button Style:** 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.

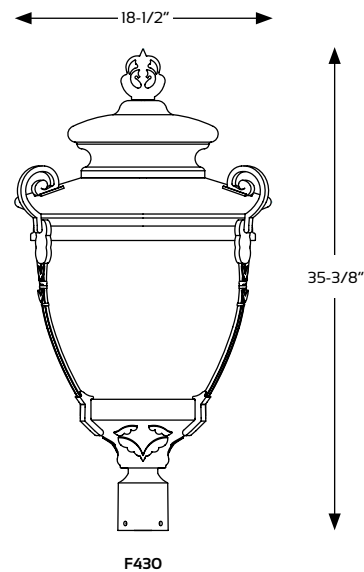
## Warranty

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

## Finish

Refer to website for details.

## Fixtures



## 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_-MDL14	4495	74.9	4200	70.0	4210	70.1	4670	77.8	60
12L35T_-MDL14	5295	88.2	4940	82.4	4955	82.6	5500	91.6	60
12L45T_-MDL14	5690	94.9	5315	88.6	5325	88.8	5910	98.5	60
09L27T_-MDL14	3010	62.7	2970	62.0	2645	55.1	3155	65.7	48
09L35T_-MDL14	3540	73.8	3500	72.9	3110	64.8	3715	77.3	48
09L45T_-MDL14	3810	79.4	3765	78.4	3345	69.7	3990	83.2	48
09L27T_-MDL07	1670	75.9	1630	74.2	1440	65.4	1730	78.7	22
09L35T_-MDL07	1970	89.4	1920	87.4	1695	77.0	2040	92.6	22
09L45T_-MDL07	2115	96.1	2065	94.0	1820	82.8	2190	99.6	22