



ProLine®

CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

## EFP1 Flood

### Switchable Series

- Commercial grade LED flood luminaire for use in outdoor applications such as a commercial building, retail, government and educational facilities.
- Wattages range from 20 watts to 320 Watts
- Low profile housing with knuckle installed and trunnion also included for optional field installment (120W, 200W and 320W only)
- Three housing sizes for scalability in the field

### Construction

Die-case aluminum housing  
Built in visor on all fixture sizes  
Tempered glass lens secured with sealant. Individual components are not field replaceable  
All units have dark bronze matte textured powder coat finish  
Operating Temp -40C to 40C  
Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating.

### Optics

Matte white reflector produces wide 7x7 distribution  
Beam Angle: 115°x108°  
Field Angle: 155°x156°  
Lumen Switchable (3K, 4K, 5K) at 70 CRI

### Installation

EFP1 60W includes knuckle mounting only  
EFP1 120W, 200W and 320W have a slipfitter installed that fits over 2 3/8" tenon. A trunnion mount is included in the box and can be field installed.

### Electrical

All EFP1 fixtures are 120-347V

### Control

Built-in button photocontrol with cover for dusk-to-dawn operation  
Built-in 6kV surge protector

### Certifications

Listed to UL1598 and CSA C22.2#250.0- 24 for wet locations and 40°C ambient temperatures

Wet listed

IP66 rated housing

DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list

### Warranty

5 year warranty

#### KEY DATA

|                      |                    |
|----------------------|--------------------|
| Lumen Range          | 3,049 - 46,759     |
| Wattage Range        | 20-320W            |
| Efficacy Range (LPW) | 125-163            |
| Weights lbs. (kg)    | 2.6-18.4 (1.2-8.3) |



CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

### Ordering Guide

| CATALOG NUMBER | FIXTURE SIZE   | COLOR TEMP | WATTAGE | LUMEN OUTPUT | LUMENS PER WATT | MOUNTING           |
|----------------|----------------|------------|---------|--------------|-----------------|--------------------|
| EFP160WLSCS    | EFP1<br>Size 1 | 3000       | 20      | 3049         | 152             | Knuckle            |
|                |                | 4000       |         | 3485         | 174             |                    |
|                |                | 5000       |         | 3257         | 163             |                    |
|                |                | 3000       | 40      | 5411         | 138             |                    |
|                |                | 4000       |         | 6184         | 157             |                    |
|                |                | 5000       |         | 5779         | 147             |                    |
|                |                | 3000       | 60      | 7187         | 123             |                    |
|                |                | 4000       |         | 8214         | 141             |                    |
|                |                | 5000       |         | 7676         | 132             |                    |
| EFP1120WLSCS   | EFP1<br>Size 2 | 3000       | 80      | 10813        | 135             | Knuckle & Trunnion |
|                |                | 4000       |         | 11677        | 146             |                    |
|                |                | 5000       |         | 11513        | 144             |                    |
|                |                | 3000       | 100     | 13516        | 132             |                    |
|                |                | 4000       |         | 14596        | 143             |                    |
|                |                | 5000       |         | 14391        | 141             |                    |
|                |                | 3000       | 120     | 15268        | 125             |                    |
|                |                | 4000       |         | 16488        | 135             |                    |
|                |                | 5000       |         | 16256        | 133             |                    |
| EFP1200WLSCS   | EFP1<br>Size 3 | 3000       | 130     | 17811        | 137             | Knuckle & Trunnion |
|                |                | 4000       |         | 19404        | 149             |                    |
|                |                | 5000       |         | 16541        | 127             |                    |
|                |                | 3000       | 160     | 20801        | 130             |                    |
|                |                | 4000       |         | 23897        | 149             |                    |
|                |                | 5000       |         | 22401        | 140             |                    |
|                |                | 3000       | 200     | 25808        | 129             |                    |
|                |                | 4000       |         | 30953        | 155             |                    |
|                |                | 5000       |         | 27702        | 139             |                    |
| EFP1320WLSCS   | EFP1<br>Size 3 | 3000       | 200     | 25156        | 126             | Knuckle & Trunnion |
|                |                | 4000       |         | 29225        | 146             |                    |
|                |                | 5000       |         | 27201        | 136             |                    |
|                |                | 3000       | 280     | 35219        | 126             |                    |
|                |                | 4000       |         | 39824        | 142             |                    |
|                |                | 5000       |         | 37103        | 133             |                    |
|                |                | 3000       | 320     | 40250        | 127             |                    |
|                |                | 4000       |         | 46759        | 153             |                    |
|                |                | 5000       |         | 43521        | 135             |                    |

CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

### Electrical Data

| FIXTURE  | INPUT VOLTAGE (VOLTS) | OPER. CURRENT (AMPS) | SYSTEM POWER (WATTS) |
|----------|-----------------------|----------------------|----------------------|
| EFP1-20  | 120                   | 0.17                 | 20                   |
|          | 277                   | 0.07                 |                      |
|          | 347                   | 0.06                 |                      |
| EFP1-40  | 120                   | 0.33                 | 40                   |
|          | 277                   | 0.14                 |                      |
|          | 347                   | 0.12                 |                      |
| EFP1-60  | 120                   | 0.50                 | 60                   |
|          | 277                   | 0.22                 |                      |
|          | 347                   | 0.17                 |                      |
| EFP1-80  | 120                   | 0.67                 | 80                   |
|          | 277                   | 0.29                 |                      |
|          | 347                   | 0.23                 |                      |
| EFP1-100 | 120                   | 0.83                 | 100                  |
|          | 277                   | 0.36                 |                      |
|          | 347                   | 0.29                 |                      |
| EFP1-120 | 120                   | 1.00                 | 120                  |
|          | 277                   | 0.43                 |                      |
|          | 347                   | 0.35                 |                      |
| EFP1-130 | 120                   | 1.08                 | 130                  |
|          | 277                   | 0.47                 |                      |
|          | 347                   | 0.37                 |                      |
| EFP1-160 | 120                   | 1.33                 | 160                  |
|          | 277                   | 0.58                 |                      |
|          | 347                   | 0.46                 |                      |
| EFP1-200 | 120                   | 1.67                 | 200                  |
|          | 277                   | 0.72                 |                      |
|          | 347                   | 0.58                 |                      |
| EFP1-200 | 120                   | 1.67                 | 200                  |
|          | 277                   | 0.72                 |                      |
|          | 347                   | 0.58                 |                      |
| EFP1-280 | 120                   | 2.33                 | 280                  |
|          | 277                   | 1.01                 |                      |
|          | 347                   | 0.81                 |                      |
| EFP1-320 | 120                   | 2.67                 | 320                  |
|          | 277                   | 1.16                 |                      |
|          | 347                   | 0.92                 |                      |

### Luminaire ambient temperature factor (LATF)

| AMBIENT TEMPERATURE |       | LUMEN MULTIPLIER |
|---------------------|-------|------------------|
| 0°C                 | 32°F  | 1.03             |
| 10°C                | 50°F  | 1.01             |
| 20°C                | 68°F  | 1.00             |
| 25°C                | 77°F  | 1.00             |
| 30°C                | 86°F  | 0.99             |
| 40°C                | 104°F | 0.98             |

### Projected Lumen maintenance

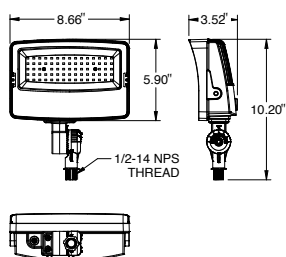
| AMBIENT TEMPERATURE | OPERATING HOURS |        |                        |        |         |                |
|---------------------|-----------------|--------|------------------------|--------|---------|----------------|
|                     | 0               | 25,000 | TM-21-11<br>L90 36,000 | 50,000 | 100,000 | L70<br>(HOURS) |
| 25°C / 77°F         | 1.00            | 0.94   | 0.92                   | 0.88   | 0.78    | 142,000        |
| 40°C / 104°F        | 0.99            | 0.94   | 0.91                   | 0.88   | 0.77    | 133,000        |

### EPA

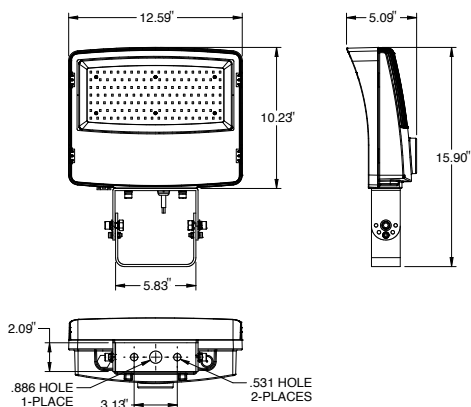
| EPA (FRONT/SIDE) |                 |
|------------------|-----------------|
| EFP1 Size 1      | 0.46ft²/0.16ft² |
| EFP1 Size 2      | 1.25ft²/0.45ft² |
| EFP1 Size 3      | 2.45ft²/0.60ft² |

### Dimensions

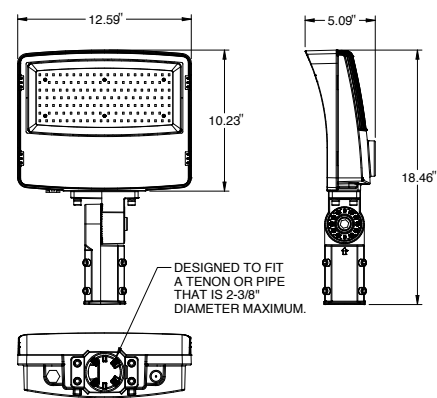
**EFP1 60W Size 1**



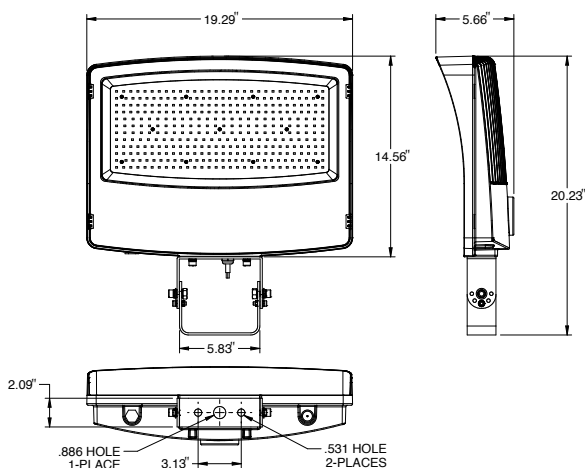
**EFP1 120W Size 2 (trunnion)**



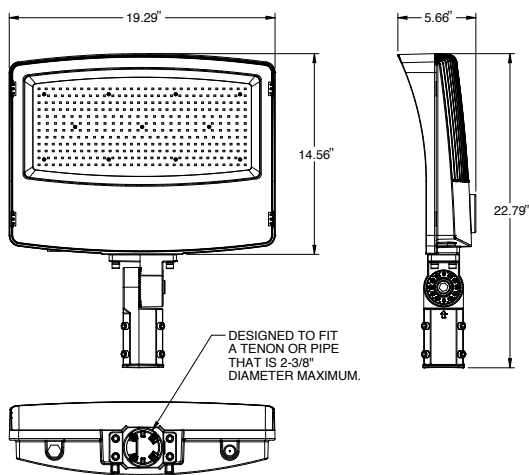
**EFP1 120W- size 2 (knuckle)**



**EFP1 200W & 320W- size 3 (Trunnion)**



**EFP1 200W & 320W- size 3 (Knuckle)**



### Weight and Dimension Chart

| CONFIGURATION         | CARTON SIZE |        |       | PRODUCT WEIGHT (LBS) |
|-----------------------|-------------|--------|-------|----------------------|
|                       | L           | W      | H     | Fixture Only         |
| <b>EFP160 Size 1</b>  | 12.20"      | 10.82" | 5.71" | 3.9 lbs.             |
| <b>EFP1120 Size 2</b> | 21.06"      | 14.76" | 7.09" | 13.6 lbs.            |
| <b>EFP1320 Size 3</b> | 25.00"      | 21.45" | 7.68" | 23.8 lbs.            |

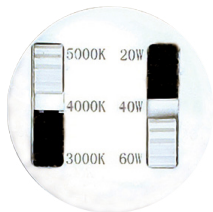
### Photocontrol



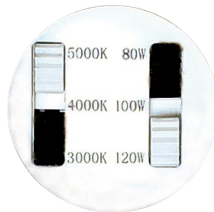
Built-in button photocontrol with cover for dusk-to-dawn operation

### Photometry

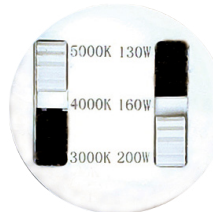
**EFP1- 60W**



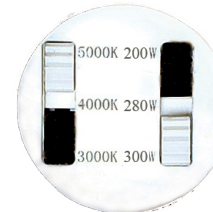
**EFP1- 120W**



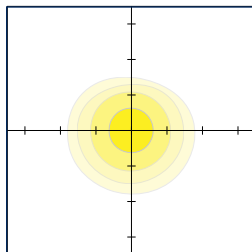
**EFP1-200W**



**EFP1- 320W**

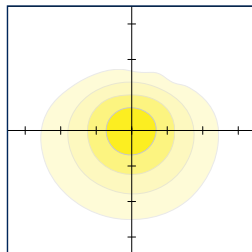


**EFP1-20-4K**



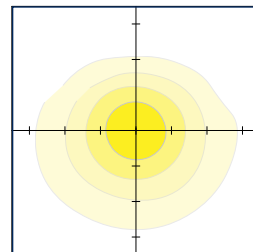
Scale: 20'  
Mounting Height: 15'

**EFP1-80-4K**



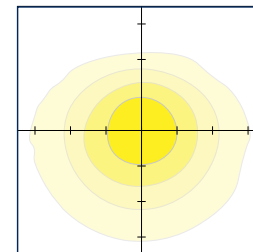
Scale: 20'  
Mounting Height: 15'

**EFP1-200-130-4K**



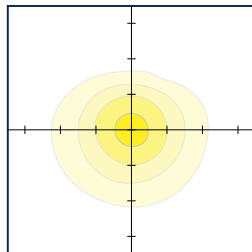
Scale: 20'  
Mounting Height: 15'

**EFP1-320-200-4K**



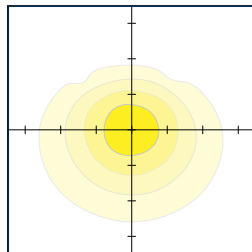
Scale: 20'  
Mounting Height: 15'

**EFP1-40-4K**



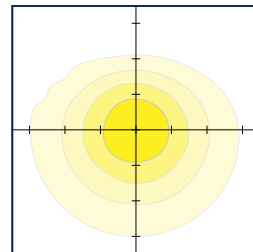
Scale: 20'  
Mounting Height: 15'

**EFP1-100-4K**



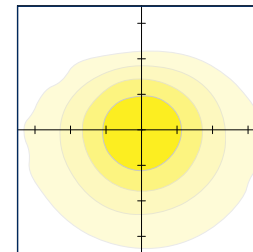
Scale: 20'  
Mounting Height: 15'

**EFP1-200-160-4K**



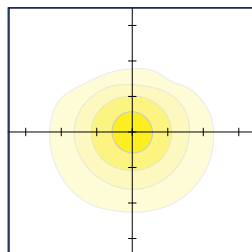
Scale: 20'  
Mounting Height: 15'

**EFP1-320-280-4K**



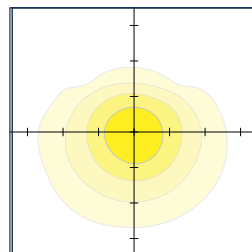
Scale: 20'  
Mounting Height: 15'

**EFP1-60-4K**



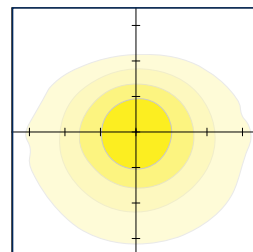
Scale: 20'  
Mounting Height: 15'

**EFP1-120-4K**



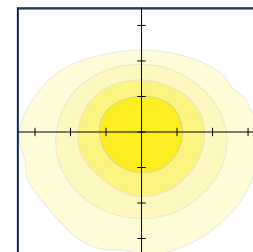
Scale: 20'  
Mounting Height: 15'

**EFP1-200-200-4K**



Scale: 20'  
Mounting Height: 15'

**EFP1-320-320-4K**



Scale: 20'  
Mounting Height: 15'

### Use of Trademarks and Trade Names

All product and company names, logos and product identifies are trademarks™ or registered trademarks® of Current Lighting, Inc. or their respective owners. Use of them does not necessarily imply any affiliation with or endorsement by such respective owners.