

Project \_\_\_\_\_  
 Schedule \_\_\_\_\_ Date \_\_\_\_\_  
 Notes \_\_\_\_\_

**DESCRIPTION**

naturalLED® floodlights provide a range of sizes and wattages to fit your needs. Our compact flood lights are water resistant rated at IP65 and come with 1/2" NPT knuckle mount. Creating bright, security and spot lighting for a variety of applications such as perimeter, entryway, facades, landscapes, retail and residential complexes and architectural lighting.



**FEATURES**

- DLC Premium
- IP65 rated
- Long Life LED chips
- Uniform and consistent color
- Excellent thermal design
- Corrosion resistant powder coating
- Die-cast aluminum housing and polycarbonate lens
- Knuckle can be adjusted +/- 90°
- 1/2" NPT (15W-50W)
- Voltage: 120-277V
- Input current: 0.12A
- Surge protect level:
  - 15W: 2.5KV
  - 30/50W: 1.5KV
- Power Factor >0.9
- CRI: 80
- Operating temperature: -4°F ~ 113°F
- Rated 50,000 hours average life

**APPLICATIONS**

- Security Lighting
- Architectural Lighting
- Perimeter Lighting
- Entryway
- Pathway

**WARRANTY**

- 5 Year Warranty

**COLOR**



Bronze

| Ordering Information |                           | EXAMPLE: LED-FXFDL15/77/40K/BZ-KNC |                   |                           |                         |                    |                          |
|----------------------|---------------------------|------------------------------------|-------------------|---------------------------|-------------------------|--------------------|--------------------------|
| LED                  | FX                        | FDL                                | 15                | 77                        | 40K                     | BZ                 | KNC                      |
| LED                  | Category<br>FX<br>Fixture | Series<br>FDL<br>Floodlight        | Wattage<br>15 15W | Beam Angle<br>77 NEMA 7X7 | Color Temp<br>40K 4000K | Color<br>BZ Bronze | Accessory<br>KNC Knuckle |

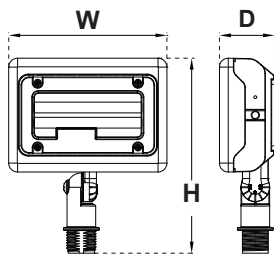
ORDERING

\*P= Premium DLC / \*S = Standard DLC

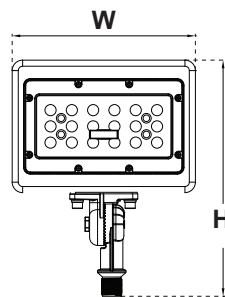
| Watts (W) | Ordering Code | Description               | Color Temp (K) | Lumens (lm) | Equiv. Wattage (W) | Voltage  | Knuckle | Rated Hrs | IP65 Rated | DLC (S/P) |
|-----------|---------------|---------------------------|----------------|-------------|--------------------|----------|---------|-----------|------------|-----------|
| 15        | 9313          | LED-FXFDL15/77/40K/BZ-KNC | 4000K          | 1,603       | 100                | 120-277V | 1/2"    | 50,000    | •          | P         |
| 15        | 9314          | LED-FXFDL15/77/50K/BZ-KNC | 5000K          | 1,624       | 100                | 120-277V | 1/2"    | 50,000    | •          | P         |
| 30        | 9315          | LED-FXFDL30/77/40K/BZ-KNC | 4000K          | 3,427       | 175                | 120-277V | 1/2"    | 50,000    | •          | P         |
| 30        | 9316          | LED-FXFDL30/77/50K/BZ-KNC | 5000K          | 3,432       | 175                | 120-277V | 1/2"    | 50,000    | •          | P         |
| 50        | 9317          | LED-FXFDL50/77/40K/BZ-KNC | 4000K          | 5,778       | 250                | 120-277V | 1/2"    | 50,000    | •          | P         |
| 50        | 9318          | LED-FXFDL50/77/50K/BZ-KNC | 5000K          | 5,793       | 250                | 120-277V | 1/2"    | 50,000    | •          | P         |

SPECIFICATIONS

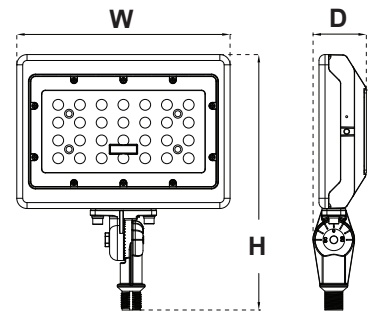
15 Watt



30 Watt



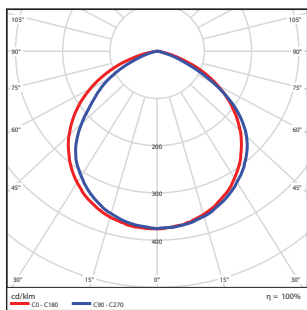
50 Watt



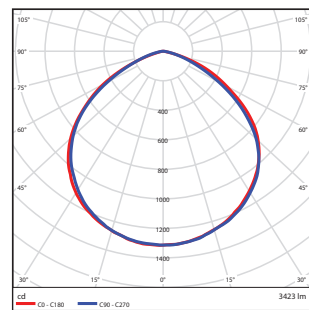
| Wattage | Height(H)     | Width (W)     | Depth (D)    | Weight   |
|---------|---------------|---------------|--------------|----------|
| 15W     | 5.35" (136mm) | 4.33" (110mm) | 1.5" (38mm)  | 0.88 lbs |
| 30W     | 9.18" (233mm) | 7.12" (181mm) | 1.93" (49mm) | 2.51 lbs |
| 50W     | 10.2" (258mm) | 8.50" (216mm) | 2.12" (54mm) | 3.62 lbs |

PHOTOMETRICS CHART

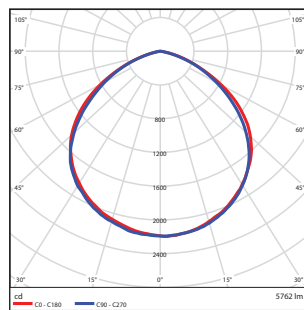
FXFDL (15 Watt)  
DLC Premium



FXFDL (30 Watt)  
DLC Premium



FXFDL (50 Watt)  
DLC Premium



**Illuminance at a Distance**

| Center Beam fc | Beam Width      |
|----------------|-----------------|
| 2.5R 95.8 fc   | 7.4 ft 6.6 ft   |
| 5.0R 23.9 fc   | 14.9 ft 13.3 ft |
| 7.5R 10.6 fc   | 22.3 ft 19.9 ft |
| 10.0R 5.99 fc  | 29.7 ft 26.5 ft |
| 12.5R 3.83 fc  | 37.2 ft 33.2 ft |
| 15.0R 2.66 fc  | 44.6 ft 39.8 ft |

Vert. Spread: 112.1°  
Horiz. Spread: 106.0°

**Illuminance at a Distance**

| Center Beam fc | Beam Width      |
|----------------|-----------------|
| 2.5R 210 fc    | 7.1 ft 6.9 ft   |
| 5.0R 52.5 fc   | 14.3 ft 13.7 ft |
| 7.5R 23.4 fc   | 21.4 ft 20.6 ft |
| 10.0R 13.1 fc  | 28.6 ft 27.4 ft |
| 12.5R 8.41 fc  | 35.7 ft 34.3 ft |
| 15.0R 5.84 fc  | 42.8 ft 41.1 ft |

Vert. Spread: 110.0°  
Horiz. Spread: 107.8°

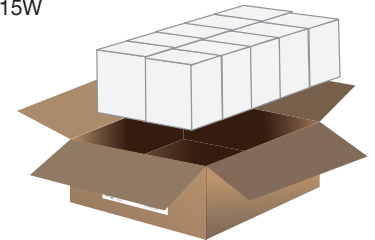
**Illuminance at a Distance**

| Center Beam fc | Beam Width      |
|----------------|-----------------|
| 2.5R 350 fc    | 7.3 ft 6.7 ft   |
| 5.0R 87.6 fc   | 14.5 ft 13.5 ft |
| 7.5R 38.9 fc   | 21.8 ft 20.2 ft |
| 10.0R 21.9 fc  | 29.0 ft 27.0 ft |
| 12.5R 14.0 fc  | 36.3 ft 33.7 ft |
| 15.0R 9.73 fc  | 43.5 ft 40.5 ft |

Vert. Spread: 110.9°  
Horiz. Spread: 106.9°

PACKAGE

Master: 10pcs  
for 15W



Master: 5pc  
for 30W and 50W

