

# 79893B-60LED-3CCT

## COMPACT 60W GENERAL-PURPOSE LED FLOOD LIGHT



Compact 60W, 120-277V Input

### PRODUCT FEATURES

- Uniform, wide flood design (NEMA 7h × 7w distribution pattern)
- Heavy-duty, die cast aluminum housing featuring built-in glare visor and tempered glass lens
- Powered by 0–10V dimming LED drivers
- CCT Selection: Adjustable CCT (3000K, 4000K, or 5000K)
- Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
- Heavy-duty 1/2" knuckle mount with 90° adjustment and yoke mount options included
- Ambient operating temperature: –30°C/–22°F to 45°C/113°F
- UL listed for wet locations, IP65
- 0–10V dimming, 10% min
- Power Factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temp
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
- 18" input cable, pre-stripped
- Fixture impact rating IK07



### ELECTRICAL SPECIFICATIONS

| Catalog Number    | Wattage | Lumens  | Dimming | CCT*  | Efficacy | CRI | Housing Color | Mounting                              | Input Voltage | Rated Life | Legacy Equivalent |
|-------------------|---------|---------|---------|-------|----------|-----|---------------|---------------------------------------|---------------|------------|-------------------|
| 79893B-60LED-3CCT | 60W     | 7320 lm | 0–10V   | 3000K | 122 lm/W | >80 | Bronze        | Universal:<br>1/2" Knuckle<br>or yoke | 120–277V      | 50,000 hrs | 250W MH           |
|                   |         | 8580 lm |         | 4000K | 143 lm/W |     |               |                                       |               |            |                   |
|                   |         | 8040 lm |         | 5000K | 134 lm/W |     |               |                                       |               |            |                   |

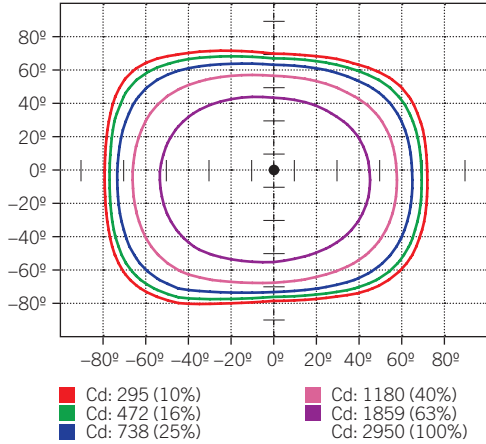
\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

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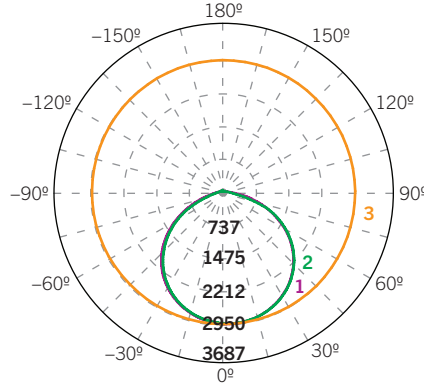
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### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



#### LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **114.9°**

1 Violet C0 – C180

2 Green C90 – C270

3 Orange G2

Unit: cd

#### FLUX DISTRIBUTION

| Zone                 | Lumens   | % Luminaire |
|----------------------|----------|-------------|
| <b>Forward Light</b> | 4,171 lm | 50.8%       |
| 0°–30°               | 1,159 lm | 14.1%       |
| 30°–60°              | 2,300 lm | 28.0%       |
| 60°–80°              | 699 lm   | 8.5%        |
| 80°–90°              | 14 lm    | 0.2%        |
| <b>Back Light</b>    | 3,981 lm | 48.4%       |
| 0°–30°               | 1,146 lm | 13.9%       |
| 30°–60°              | 2,200 lm | 26.8%       |
| 60°–80°              | 624 lm   | 7.6%        |
| 80°–90°              | 11 lm    | 0.1%        |
| <b>Up Light</b>      | 65 lm    | 0.8%        |
| 90°–100°             | 3 lm     | 0.0%        |
| 100°–180°            | 61 lm    | 0.7%        |

#### BUG\* Rating

#### Asymmetrical Luminaire Types

Type I, II, III, IV B3 U2 G2

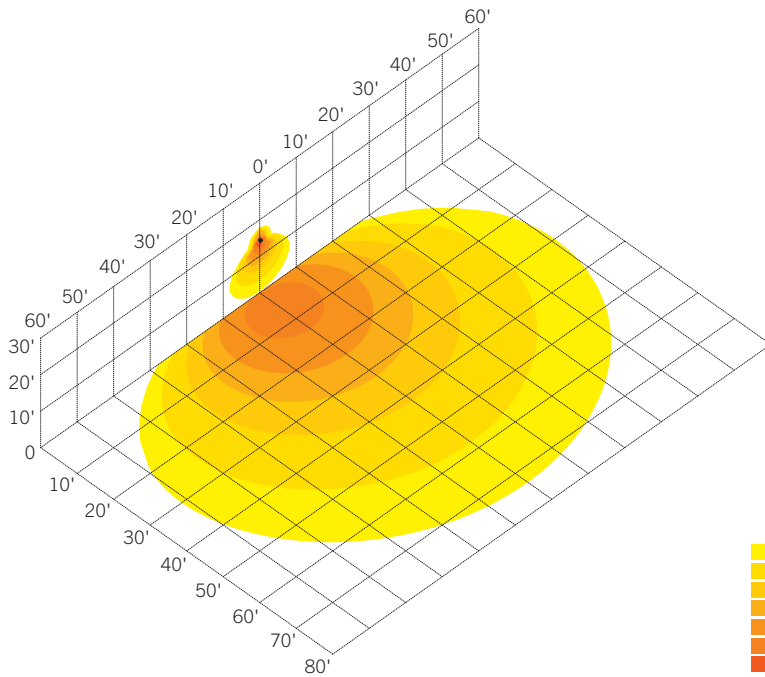
#### Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B3 U2 G1

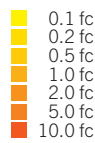
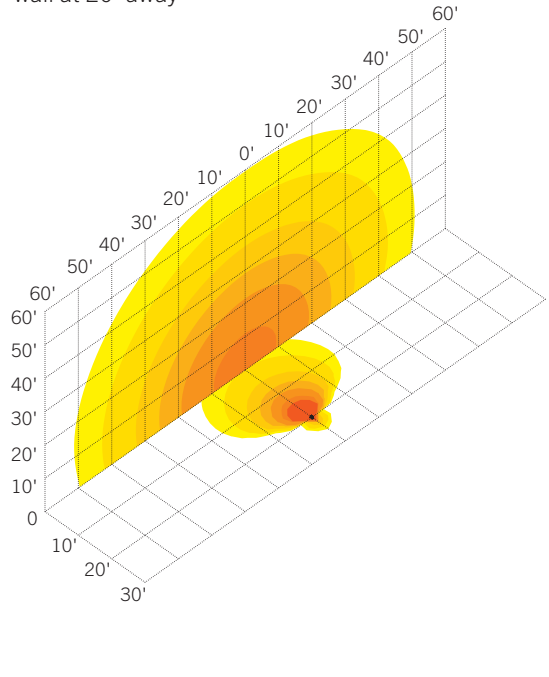
\* Backlight, Uplight, Glare

#### LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at 15',  
30° below horizontal



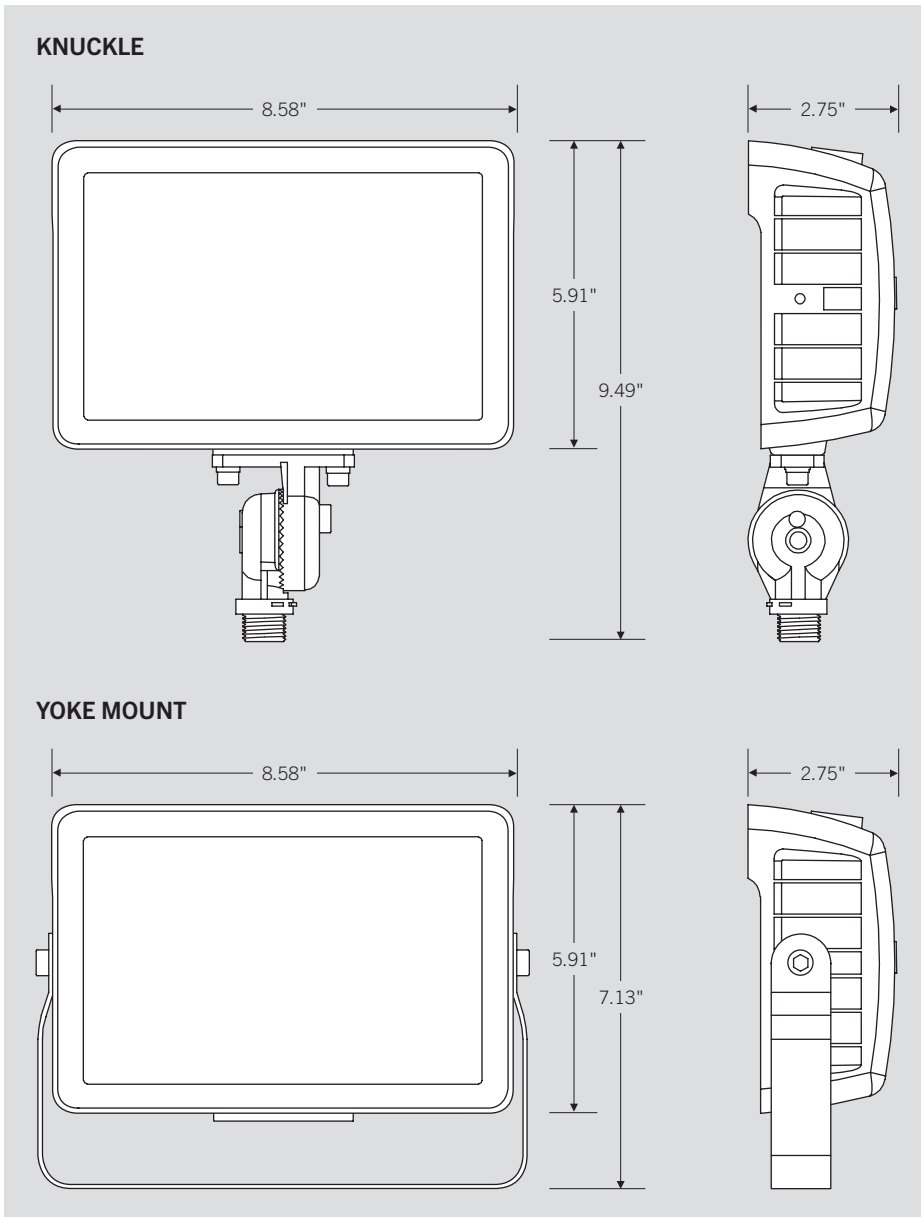
Ground mounted at 6" above ground,  
10° above horizontal, shining towards building exterior  
wall at 20' away



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### PHYSICAL SPECIFICATIONS

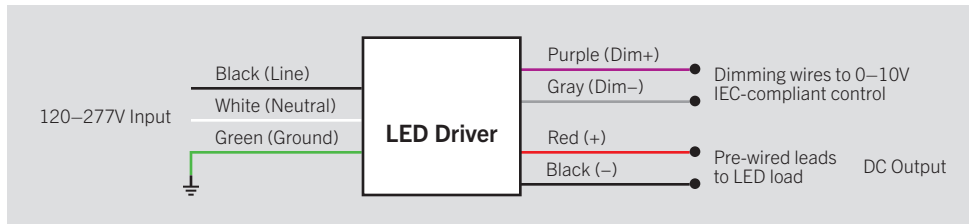


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## COMPACT 60W GENERAL-PURPOSE LED FLOOD LIGHT

### GENERAL SETUP INSTRUCTIONS

#### GENERAL WIRING DIAGRAM



**Caution:** Before installing, make certain that AC power to the fixture is off.

**Caution:** The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

#### PHOTOCELL ENABLE/DISABLE

This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes preset with photocell enabled unless otherwise noted.

#### (CCT) ADJUSTMENT

This fixture is equipped with CCT Selection. There is an adjustable dip switch behind the translucent knock-out (KO) cover to change CCT between 5000K, 4000K, and 3000K (see illustrations to the right). Fixture comes preset at 5000K unless otherwise noted.

