



Angled Orientation

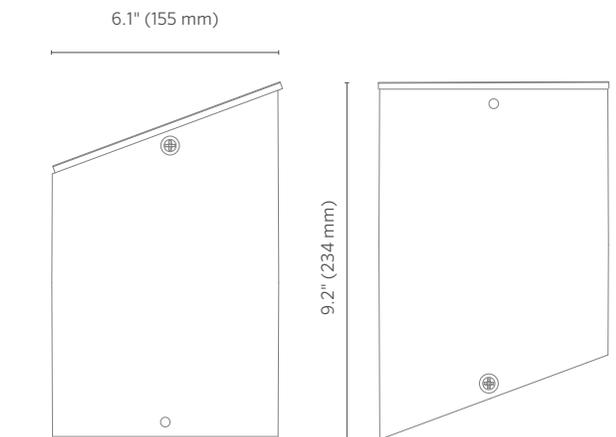
|           |
|-----------|
| PROJECT   |
| CATALOG # |
| TYPE      |
| NOTES     |

## KG Well Light DESIGNER PREMIUM

Reversible angled or flat-top well light in 3, 6, or 9 LED. RGBW capable with **Luxor®** systems.

### Quick Facts

- Die-cast brass or aluminum construction
  - Powder-coat, natural, or antiqued brass finishes
  - Cree® integrated LEDs
  - Reversible design for flat or angled installation
- Tamper-resistant features
  - Compatible with Luxor technology
  - Phase and PWM dimmable
  - Input voltage: 10-15V



# KG Well Light SPECIFICATIONS

| Output                              | 3LED           | 6LED           | 9LED           | ZDC                  |
|-------------------------------------|----------------|----------------|----------------|----------------------|
| <b>Total Lumens<sup>†</sup></b>     | 128            | 265            | 321            | 123                  |
| <b>Input Voltage</b>                | 10 to 15V      | 10 to 15V      | 10 to 15V      | 11 to 15V            |
| <b>Input Power (W)</b>              | 4.2            | 8.2            | 10.0           | 9.1                  |
| <b>VA</b>                           | 4.5            | 9.7            | 10.7           | 11.0                 |
| <b>Efficacy (Lumens/Watt)</b>       | 30             | 32             | 32             | 23                   |
| <b>Color Rendering Index (CRI)</b>  | 80+            | 80+            | 80+            | 80+                  |
| <b>Center Beam Candlepower*</b>     |                |                |                |                      |
| <b>Spot (17-20)</b>                 | 408            | 747            | 901            | 166                  |
| <b>Dimming</b>                      | PWM, Phase**   | PWM, Phase**   | PWM, Phase**   | --                   |
| <b>RGBW Available</b>               | No             | No             | No             | Yes                  |
| <b>Luxor Compatibility</b>          |                |                |                |                      |
| <b>Default</b>                      | Zoning         | Zoning         | Zoning         | --                   |
| <b>ZD Option</b>                    | Zoning/Dimming | Zoning/Dimming | Zoning/Dimming | --                   |
| <b>ZDC Option</b>                   | --             | --             | --             | Zoning/Dimming/Color |
| <b>Minimum Rated Life (L90/B10)</b> | 55,000 Hrs     | 55,000 Hrs     | 55,000 Hrs     | 55,000 Hrs           |

\* Information not available for Flood or Wide Flood.

\*\* For optimal performance, use a trailing-edge, phase-cut dimmer.

† Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

## FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

## Materials

Die-cast C360 brass, A380 aluminum, or composite grid faceplate and aluminum A380 sealed housing with stainless steel hardware. ABS construction sleeve.

## Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

## Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coat for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life in excess of the rated 50,000 hrs. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A.

## Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 30°-32°, or 55-58° distributions ordered pre-assembled to fixture. Color temperature and beam angle lenses field serviceable. Beam angle is calculated using LM-79 method for SSL luminaires.

## Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 5' (1.5 m) length

## Power

Input 10-15 VAC, 50/60 Hz. Remote transformer required (specify separately).

## Housing

Die-cast aluminum housing with capacity for 1LED, 3LED, 6LED, 9LED, or ZDC integrated LEDs.

## Construction Sleeve

Bronze-colored ABS composite construction sleeve with flat (0°) or angled (20°) installation options.

## Faceplate

Die-cast brass or aluminum flat faceplate with window and hemicycle eye drop pattern or composite grid with CB finish.

## Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

## Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

## Hardware

Black oxide stainless steel hardware.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Weight

3.8 lbs. (1.7 kg)

## Control

ZD or ZDC options utilize Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with Luxor.

## Manufacturing

9001:2015 ISO certified facility

## Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

## Installation Requirements

Designed for installation in the upward direction only.

## International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 by selecting the "e" version in parts builder.

## Warranty

10-year limited warranty.

## Listings



# KG Well Light ORDERING INFORMATION

| Fixture | Luxor Option            | Compliance               | Output                    | Finish                  |                         |
|---------|-------------------------|--------------------------|---------------------------|-------------------------|-------------------------|
| KG*     | ■ [default]<br>Zone     | ■ [default]<br>UL Listed | ■ 3LED<br>128 Lumens      | ■ BS<br>Natural Brass   | ■ WG<br>White Gloss     |
|         | ■ ZD<br>Zone/Dim        | ■ e<br>CE Certified      | ■ 6LED<br>265 Lumens      | ■ BZ<br>Bronze Metallic | ■ FW<br>Natural Brass   |
|         |                         |                          | ■ 9LED<br>321 Lumens      | ■ DG<br>Desert Granite  | ■ AL<br>Almond          |
|         | ■ ZDC<br>Zone/Dim/Color |                          | ■ [default]<br>123 Lumens | ■ WI<br>Weathered Iron  | ■ AB<br>Antique Bronze  |
|         |                         |                          |                           | ■ SB<br>Sedona Brown    | ■ AT<br>Antique Tumbled |
|         |                         |                          |                           | ■ FB<br>Black           | ■ NP<br>Nickel Plate    |
|         |                         |                          |                           | ■ CB**<br>Camo Bronze   |                         |

\*\*Composite grid faceplate

EXAMPLE FIXTURE CONFIGURATION: **KG-ZD-6LED-BS**

KG -  -  -  -

\*Includes 6" (152 mm) Reversible (Flat/Angled) Conduit Sleeve (250011630000)

## Accessory: Specify Separately

| Item   | Code   |
|--|--------|
| ■ CLEAR PROTECTIVE INSERT<br>2.5" (64 mm) x 12" (305 mm) | KG-CPI |

# KG Well Light PHOTOMETRICS

*KG 3LED Illuminance at a Distance*

| Feet (Meters) | Center Beam      | Beam Width     |                  |
|---------------|------------------|----------------|------------------|
|               |                  | Vertical 23.9° | Horizontal 23.8° |
| 4.2' (1.3 m)  | 22.8 fc (245 lx) | 1.8' (0.6 m)   | 1.8' (0.6 m)     |
| 8.3' (2.5 m)  | 5.7 fc (61 lx)   | 3.5' (1.1 m)   | 3.5' (1.1 m)     |
| 12.5' (3.8 m) | 2.5 fc (27 lx)   | 5.3' (1.6 m)   | 5.3' (1.6 m)     |
| 16.7' (5.1 m) | 1.5 fc (16 lx)   | 7.0' (2.1 m)   | 7.0' (2.1 m)     |
| 20.8' (6.3 m) | 0.9 fc (10 lx)   | 8.8' (2.7 m)   | 8.8' (2.7 m)     |
| 25.0' (7.6 m) | 0.6 fc (7 lx)    | 10.6' (3.2 m)  | 10.5' (3.2 m)    |

*KG 6LED Illuminance at a Distance*

| Feet (Meters) | Center Beam      | Beam Width     |                  |
|---------------|------------------|----------------|------------------|
|               |                  | Vertical 27.8° | Horizontal 27.9° |
| 4.2' (1.3 m)  | 42.7 fc (460 lx) | 2.1' (0.6 m)   | 2.1' (0.6 m)     |
| 8.3' (2.5 m)  | 10.7 fc (115 lx) | 4.1' (1.3 m)   | 4.1' (1.3 m)     |
| 12.5' (3.8 m) | 4.8 fc (52 lx)   | 6.2' (1.9 m)   | 6.2' (1.9 m)     |
| 16.7' (5.1 m) | 2.7 fc (29 lx)   | 8.3' (2.5 m)   | 8.3' (2.5 m)     |
| 20.8' (6.3 m) | 1.7 fc (18 lx)   | 10.3' (3.1 m)  | 10.3' (3.1 m)    |
| 25.0' (7.6 m) | 1.2 fc (13 lx)   | 12.4' (3.8 m)  | 12.4' (3.8 m)    |

*KG 9LED Illuminance at a Distance*

| Feet (Meters) | Center Beam      | Beam Width     |                  |
|---------------|------------------|----------------|------------------|
|               |                  | Vertical 27.9° | Horizontal 27.0° |
| 4.2' (1.3 m)  | 51.7 fc (557 lx) | 2.1' (0.6 m)   | 2.0' (0.6 lx)    |
| 8.3' (2.5 m)  | 13.0 fc (140 lx) | 4.1' (1.3 m)   | 4.0' (1.2 m)     |
| 12.5' (3.8 m) | 5.8 fc (62 lx)   | 6.2' (1.9 m)   | 6.0' (1.8 m)     |
| 16.7' (5.1 m) | 3.2 fc (35 lx)   | 8.3' (2.5 m)   | 8.0' (2.4 m)     |
| 20.8' (6.3 m) | 2.1 fc (23 lx)   | 10.4' (3.2 m)  | 10.0' (3.1 m)    |
| 25.0' (7.6 m) | 1.4 fc (15 lx)   | 12.4' (3.8 m)  | 12.0' (3.7 m)    |

*KG zDC Illuminance at a Distance*

| Feet (Meters) | Center Beam    | Beam Width     |                  |
|---------------|----------------|----------------|------------------|
|               |                | Vertical 54.4° | Horizontal 38.9° |
| 4.2' (1.3 m)  | 4.4 fc (47 lx) | 4.4' (1.3 m)   | 3.0' (0.9 m)     |
| 8.3' (2.5 m)  | 1.1 fc (12 lx) | 9.0' (2.7 m)   | 6.1' (1.9 m)     |
| 12.5' (3.8 m) | 0.5 fc (5 lx)  | 13.4' (4.1 m)  | 9.2' (2.8 m)     |
| 16.7' (5.1 m) | 0.3 fc (3 lx)  | 17.8' (5.4 m)  | 12.2' (3.7 m)    |
| 20.8' (6.3 m) | 0.2 fc (2 lx)  | 22.3' (6.8 m)  | 15.3' (4.7 m)    |
| 25.0' (7.6 m) | 0.1 fc (1 lx)  | 26.7' (8.1 m)  | 18.3' (5.6 m)    |

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