

NP LED Up Light **DESIGNER PLUS**



PROJECT

CATALOG #

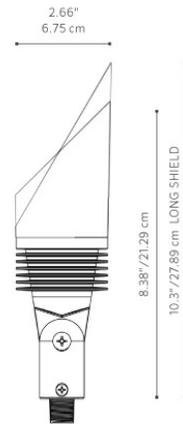
TYPE

NOTES

The NP is our most versatile LED Up Light, and is engineered to accommodate all aspects of your up-lighting needs.

Quick Facts

- Die-cast aluminum
- Lumileds® Integrated LEDs
- Beam angle lenses
- Phase dimmable
- Two-layer marine-grade anodization and powder coat finish
- ProAim™ adjustability
- Compatible with Luxor® technology
- Input voltage: 10-15V



NP LED Up Light SPECIFICATIONS

| Output | 3LED | 6LED | 9LED | ZDC |
|-------------------------------|------------------------------------|----------------|----------------|----------------------|
| Total Lumens [†] | 289 | 512 | 751 | 110 |
| Input Voltage | 10 to 15V | 10 to 15V | 10 to 15V | 11 to 15V |
| Input Power | 4.0 W | 7.7 W | 11.1 W | 9.1 W |
| Power Consumption (VA) | 4.4 W | 9.3 W | 12.2 W | 11.0 W |
| Efficacy (Lumens/Watt) | 74 | 66 | 68 | 21 |
| Color Rendering Index (CRI) | 83 | 83 | 83 | 80+ |
| Center Beam Candlepower* | | | | |
| Flood (35) | 464 | 1,094 | 1446 | 172 |
| Dimming | | | | |
| Primary Dimming (Transformer) | Consult transformer specifications | | | |
| Secondary Dimming (Fixture) | Phase-cut** | Phase-cut** | Phase-cut** | Luxor |
| RGBW Available | No | No | No | Yes |
| Luxor Compatibility | | | | |
| Default | Zoning | Zoning | Zoning | -- |
| ZD Option | Zoning/Dimming | Zoning/Dimming | Zoning/Dimming | -- |
| ZDC Option | -- | -- | -- | Zoning/Dimming/Color |
| Minimum Rated Life L70 (Hrs) | 72,000 | 72,000 | 72,000 | 55,000 |

* Information for Spot or Wide Flood available in IES files

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

† Measured using the 2,700K CCT option.

NP LED Up Light SPECIFICATIONS

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 aluminum A380 housing and shroud with stainless steel hardware. Die-cast zinc/aluminum alloy knuckle.

Knuckle

Die-cast zinc/aluminum alloy knuckle with 1/2"-14 (13 mm) NPSM threads. Compress and lock features prevent slip after installation. 9° increments adjustability over 220° of vertical adjustment.

Lamp

Integrated LED module with Lumileds LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 72,000 hrs. Maximum drive current: 1 A.

Optics

Color temperature defined by part number. Beam angle lenses included with fixture: 35° (pre-installed) and 60°. For additional color filters, spread lenses, hex baffles, etc., use MR-16 sized accessories (MR16: 1.95" (49.5 mm) dia. x 1.1 mm thickness). Beam angle is calculated using LM-79 method for SSL luminaires.

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

Stainless steel angle lock screw. Includes 10" (254 mm) ABS slotted installation spike.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length, pre-stripped.

Sockets

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

Power

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

Shroud

Die-cast aluminum shroud with 45° cutoff (standard) or 60° long shroud option.

Weight

1.9 lbs. (0.9 kg)

Housing

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

Lens

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

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 when used with International Spike Kit ("EKITSPIKE") or alternate mount greater than or equal to IP65, or by selecting the "e" version.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

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.

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.

Warranty

10-year limited warranty.

Listings



NP LED Up Light ORDERING INFORMATION

[field_compliance]

| Fixture | Luxor Option | Lamp | Shroud | Finish |
|-----------|------------------------------|--|---|--|
| NP | [default] Zone | 3 LED 4.2W/4.5VA | [default] 45° Angled Shroud | BZ Bronze Metallic  |
| | ZD Zone/Dim | 6 LED 8.2W/9.7VA | LS 60° Angled Long Shroud | DG Desert Granite  |
| | ZDC Zone/Dim/Color | 9 LED 10.0W/10.7VA | | WI Weathered Iron  |
| | | [default ZDC option] 9.1W/11.0VA | | SB Sedona Brown  |
| | | | | FB Black  |
| | | | | FW Flat White  |
| | | | SV Silver  | |



EXAMPLE FIXTURE CONFIGURATION: **NP-ZD-6LED-BZ**
 * Ships with Super Slot Spike (753900)

| NP-3LED Illuminance at a Distance | | | |
|--------------------------------------|-----------------------|--------------------|----------------------|
| Distance | Center Beam | Beam Width | |
| Feet (Meters) | Foot-Candles (Lux) | Vertical: 35.5° | Horizontal: 35.8° |
| 5 ft (1.5 m) | 23 fc (245 lx) | 3.2 ft (1.0 m) | 3.2 ft (1.0 m) |
| 10 ft (3.0 m) | 5.7 fc (61 lx) | 6.4 ft (2.0 m) | 6.5 ft (2.0 m) |
| 15 ft (4.6 m) | 2.5 fc (27 lx) | 9.6 ft (2.9 m) | 9.7 ft (3.0 m) |
| 20 ft (6.1 m) | 1.4 fc (15 lx) | 12.8 ft (3.9 m) | 12.9 ft (3.9 m) |
| 25 ft (7.6 m) | 0.9 fc (10 lx) | 16 ft (4.9 m) | 16.1 ft (4.9 m) |
| 30 ft (9.1 m) | 0.6 fc (7 lx) | 19.2 ft (5.9 m) | 19.4 ft (5.9 m) |

| NP-6LED Illuminance at a Distance | | | |
|--------------------------------------|-----------------------|--------------------|----------------------|
| Distance | Center Beam | Beam Width | |
| Feet (Meters) | Foot-Candles (Lux) | Vertical: 32.3° | Horizontal: 34.0° |
| 5 ft (1.5 m) | 44 fc (469 lx) | 2.9 ft (0.8 m) | 3.1 ft (0.9 m) |
| 10 ft (3.0 m) | 11 fc (117 lx) | 5.8 ft (1.8 m) | 6.1 ft (1.9 m) |
| 15 ft (4.6 m) | 4.8 fc (52 lx) | 8.7 ft (2.7 m) | 9.2 ft (2.8 m) |
| 20 ft (6.1 m) | 2.7 fc (29 lx) | 11.6 ft (3.5 m) | 12.2 ft (3.7 m) |
| 25 ft (7.6 m) | 1.7 fc (19 lx) | 14.5 ft (4.4 m) | 15.3 ft (4.7 m) |
| 30 ft (9.1 m) | 1.2 fc (13 lx) | 17.4 ft (5.3 m) | 18.3 ft (5.6 m) |

NP LED Up Light

NP-9LED
Illuminance at a Distance

ORDERING INFORMATION

| Distance | Center Beam | Beam Width | | | |
|---|----------------------------------|-----------------|-------------------|--------------------|--|
| Feet (Meters) | Foot-Candles (Lux) | Vertical: 32.9° | Horizontal: 34.2° | | |
| MOUNTING OPTIONS: Specify Separately | | | | | |
| 5 ft (1.5 m) | 58 fc (622 lx) | 3.0 ft (0.9 m) | 3.1 ft (0.9 m) | | |
| Mounts | Catalog No. | Mounts | Catalog No. | | |
| 10 ft (3.0 m) Long Slot Spike | 15 fc (156 lx) 25001584000 | 5.9 ft (1.8 m) | 6.2 ft (1.9 m) | 3-Prong Spike | 250020020000  |
| 15 ft (4.6 m) Lock Ring | 6.4 fc (69 lx) 250030410000SP | 8.9 ft (2.7 m) | 9.2 ft (2.8 m) | Super Slot Spike | 753900  |
| 20 ft (6.1 m) Straight Coupling | 3.6 fc (39 lx) COUP-XX* | 11.8 ft (3.6 m) | 12.3 ft (3.7 m) | CE Certified Spike | eKitSpike  |
| 25 ft (7.6 m) Ground Ring | 2.3 fc (25 lx) ELBW-XX* | 14.8 ft (4.5 m) | 15.1 ft (4.6 m) | Gutter Mount | GM-SS  |

| | | | | | |
|--|---------------|---|--|---------------|---|
| Ground Mount with 1/2" Thread | GM-XX* |  | Mini J-Box for 1/2" Thread | MJB-050-XX* |  |
| <i>Beam angle is calculated using LM-79 method for SSL Luminaires: "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."</i> | | | | | |
| Mini Mount | MM-050-XX* |  | ProAim® Ratcheting Spike | PARS |  |
| Post Mount | PM-XX* |  | Super J-Box Spike | SJ-XX* |  |
| TreeBox® Mount with 1/2" Thread | TB-XX* |  | T-Mount Coupling with 1/2" Thread | TMNT-050-XX* |  |
| Tree Ring | TR-YY*-6P-XX* |  | VersaBox® Mount with 1/2" Thread | VB-050-XX* |  |
| Variable Height Riser for Up Lights | VHR-UL |  | Wall Mount Knuckle | WM-XX* |  |
| Single-Gang Wall Plate with 1/2" Thread | WP-1G-050-XX* |  | Round Wall Plate with 1/2" Thread | WP-RD-050-XX* |  |
| Sign Light Riser, Aluminum | YY*-R-SL-XX* |  | Aluminum Riser, 3/4" Diameter | YY*-R-XX* |  |

NP LED Up Light ORDERING INFORMATION

GLARE OPTIONS: Specify Separately

| Glare | Catalog No. | | Glare | Catalog No. |
|--------------------------------|--------------|---|-------|-------------|
| Hex Baffle for MR-16 LED Lamps | 250015260000 |  | | |

NP LED Up Light ORDERING INFORMATION

LENS OPTIONS: Specify Separately

| Lenses | Catalog No. | Lenses | Catalog No. |
|--------------------------------|---|-------------------------------------|--|
| Integrated LED Flood Lens, 35° | X*-LEDFLENS  | Integrated LED Wide Flood Lens, 60° | X*-LEDWFLENS  |

NP LED Up Light ORDERING INFORMATION

POWER OPTIONS: Specify Separately

| Power | Catalog No. | |
|-------------------------------|-------------|---|
| Plug-in transformer, 6W | MT-6W |  |
| Lighting Fixture Surge Module | SURGE-MOD |  |

| Power | Catalog No. | |
|---------------------------|-------------|---|
| Step Down Transformer, UV | ST-UV |  |