

 TYPE

 CATALOG #

 PROJECT

 NOTES

LED AREA LUMINAIRE

aLance-6

This ultra-modern area luminaire combines the versatility of die-cast aluminum with minimalist aesthetics to complement a range of contemporary installations.

Quick Facts

- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and Luxor dimmable
- Input voltage: 10-15 Vac/Vdc
- 5-year limited warranty



aLance-6 SPECIFICATIONS

| Output | 1 LED | ZDC |
|----------------------------------|------------------------------------|----------------------|
| Total Lumens† | 73 | 36 |
| Input Voltage | 10 to 15 V | 11 to 15 V |
| Input Power | 2.0 W | 3.6 W |
| Power Consumption (VA) | 2.4 W | 4.3 W |
| Efficacy (lm/W) | 36 | 21 |
| Color Rendering Index (CRI) | 83 | 82 |
| Center Beam Candlepower | 85 | 25 |
| Dimming | | |
| Primary Dimming (Transformer) | Consult transformer specifications | |
| Secondary Dimming (Fixture) | Phase-cut** | Phase-cut** |
| RGBW Available | No | Yes |
| Luxor Compatibility | | |
| Default | Zoning | Zoning |
| ZD Option | Zoning/Dimming | Zoning/Dimming |
| ZDC Option | N/A | Zoning/Dimming/Color |
| Minimum Rated Life L90 B10 (Hrs) | 55,000 | 55,000 |

† 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).

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

Lumascap

Lumascap transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, advanced technologies, quality materials, and rigorous testing to manufacture a comprehensive range of lighting systems that consistently exceed performance expectations. Lumascap is a member of the Hunter Industries family of companies. Learn more at lumascap.com.

Materials

Die-cast aluminum A380 housing and shroud with stainless steel hardware.

Lamp

Integrated module with Cree 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 upgradable and replaceable, the LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

Optics

Domed, frosted, polycarbonate lens for forward light projection.

Socket

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

Wiring

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

Power

Input 10–15 Vac/Vdc, 50/60 Hz. Remote transformer required (specify separately).

Housing

Die-cast aluminum housing with capacity for rectangular 1 LED integrated LED.

Lens

Frosted polycarbonate lens with high tolerance for thermal expansion, stress, and abuse.

Hardware

Tamper-resistant stainless steel hardware. Ships with 30" (762 mm) length of 1" (25 mm) conduit and conduit stabilizer for mounting.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Control

ZDlink® utilizes Luxor technology to zone light fixtures in up to 250 groups and dim each group in 1% increments between 0 and 100%. Select the ZD option for zoning/dimming. Standard fixture is zoneable with ZDlink.

Finish

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

Weight

3.2 lbs (1.45 kg)

Installation Requirements

Designed for installation in the downward lighting direction only.

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.

Dark-Sky Compliance

Select a light source of 3,000K or lower to meet International Dark-Sky Association criteria.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 by selecting the “e” option in the parts builder.

Dark-Sky Compliance

Select a light source of 3,000K or lower to meet International Dark-Sky Association criteria.

Warranty

5-year limited warranty










Manufacturing

ISO 9001:2015 certified facility

Listings



aLance-6 ORDERING INFORMATION

| Luminaire | Luxor Option | Output | Color Temp | Listing | Height | Options | Finish | |
|-----------|-----------------------------|--|-----------------|--------------------------|---------------------------------|---|----------------------------|---|
| aLNC-6* | ■ [default] Zone | ■ 1LED 73 lm | ■ K27 2,700K | ■ [default] UL listed | ■ 24 24" (610 mm) Nominal | ■ [default] Ground Mount with Conduit | ■ BL Black |  |
| | ■ ZD Zone/Dim | | | ■ e CE Certified | | ■ DM Deck Mount | ■ SL Anodic Silver |  |
| | ■ ZDC Zone/Dim/ Color | ■ [default] ZDC Option] 36 lm | | | | | ■ LT Latte |  |
| | | | | | | | ■ AG Anthracite Gray |  |
| | | | | | | | ■ WT White |  |
| | | | | | | | ■ DA Dark Aluminum |  |
| | | | | | | | ■ BT Basalt Gray |  |
| | | | | | | | ■ DB Dark Bronze |  |
| | | | | | | | ■ CC Custom RAL |  |

EXAMPLE LUMINAIRE CONFIGURATION: aLNC-6-ZD-1LED-K27-24-DM-SL[†]

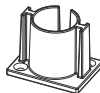


* Ships with 30" (762 mm) length of 1" (25 mm) conduit and conduit stabilizer..

[†] Hyphens are for readability purposes only.

MOUNTING OPTIONS: Specify Separately

| Mount | Code [†] |
|--|-------------------|
| ■ aLANCE-6 DECK MOUNT 2.2" x 1.6" x 1.7" (55 mm x 41 mm x 43 mm) | M-PL-DM-XX* |

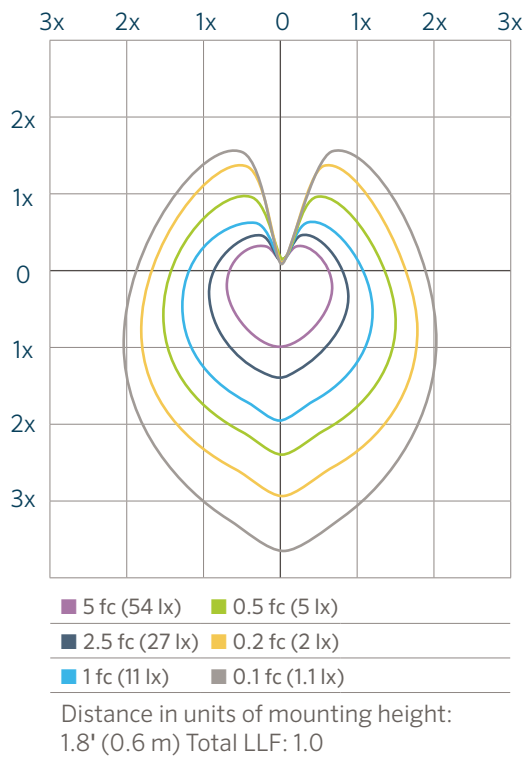


* XX = Finish code

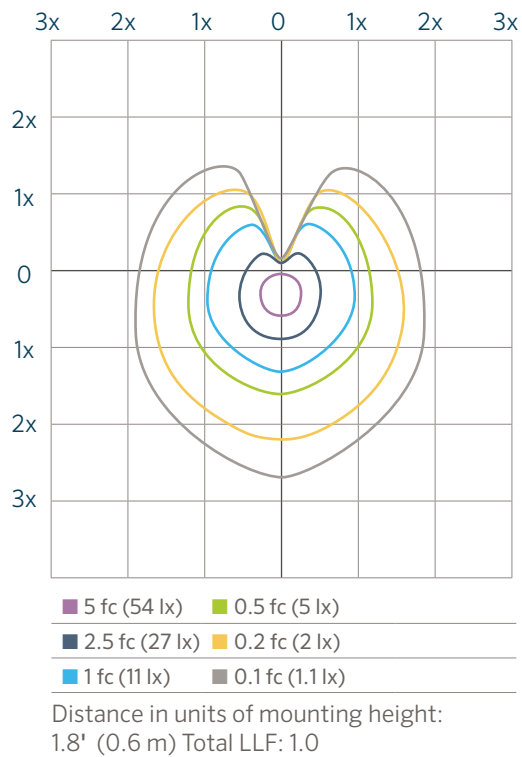
[†] Hyphens are for readability purposes only.

*a*Lance-6 PHOTOMETRICS

*a*LNC6 1LED Isofootcandle Plot



*a*LNC6 ZDC Isofootcandle Plot



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