



 TYPE

 CATALOG #

 PROJECT

 NOTES

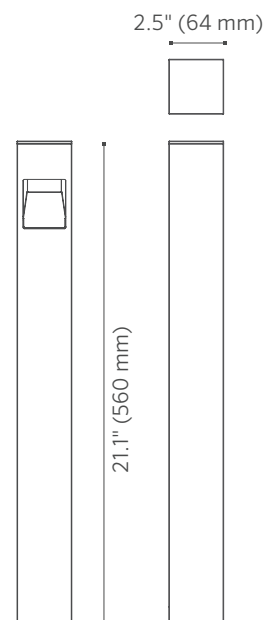
LED AREA LUMINAIRE

aRondel-6

Engineered with highly durable die-cast aluminum, this versatile area luminaire is a perfect addition to modern lighting designs.

Quick Facts

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



aRondel-6 SPECIFICATIONS

Output	1 LED	3 LED	ZDC
Input Voltage†	10-15 V	10-15 V	10-15 V
Total Lumens	43	113	60
Input Power	2.0 W	4.2 W	6.0 W
Power Consumption (VA)	2.4 W	4.5 W	7.2 W
Efficacy (lm/W)	22	27	10
Color Rendering Index (CRI)	80+	80+	80+
Max Candela	41	121	43
Dimming			
Primary Dimming (Transformer)	Consult transformer specifications		
Secondary Dimming (Fixture)	Phase-cut**, 0-10 V	Phase-cut**, 0-10 V	Luxor
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life L90 B10 (Hrs)	55,000	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 A380 aluminum body with stainless steel hardware.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating for maximum reliability and corrosion resistance. Proprietary onboard 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

Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Photometry is calculated using the LM-79 method for SSL luminaires.

Socket

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

Wiring

18 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 A380 aluminum body with capacity for 1 LED, 3 LED, or ZDC integrated LEDs.

Lens

UV-stabilized acrylic lens with shock resistance and high tolerance for thermal expansion and stress.

Hardware

Stainless steel machine screws. Ships with 30" (762 mm) length of 1" (25 mm) conduit for mounting.

Ambient Operating Temperature
0°F to 122°F (-18°C to 50°C)

Control

ZDClick® 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 ZDClick.

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

1.0 lb (0.5 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.

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.

Manufacturing

ISO 9001:2015 certified facility

Warranty

5-year limited warranty

Listings



aRondel-6 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Listing	Height	Options	Finish
aRDL-6*	■ [default] Zone	■ 1LED 43 lm	■ K27 2,700K	■ [default] UL Listed	■ 24 24" (610 mm) Nominal	■ [default] Ground Mount with Conduit	■ BL Black
	■ ZD Zone/Dim	■ 3LED 113 lm		■ e CE Certified		■ DM Deck Mount	■ SL Anodic Silver
	■ ZDC Zone/Dim/ Color	■ [default ZDC option] 60 lm					■ LT Latte
							■ AG Anthracite Gray
							■ WT White
							■ DA Dark Aluminum
							■ BT Basalt Gray
							■ DB Dark Bronze
							■ CC Custom RAL

EXAMPLE LUMINAIRE CONFIGURATION: dRDL-6-ZDC-K27-E-24-DM-SL[†]

aRDL-6	-		-		-	K27	-		-	24	-		-	
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* Ships with 30" (762 mm) length of 1" (25 mm) conduit.

[†] Hyphens are for readability purposes only.

MOUNTING OPTIONS: Specify Separately

Mounts

Code[†]

■ aRONDEL-6 DECK MOUNT
2.5" x 2.5" x 1.7" (64 mm x
64 mm x 43 mm)

MPZ-DM-XX*

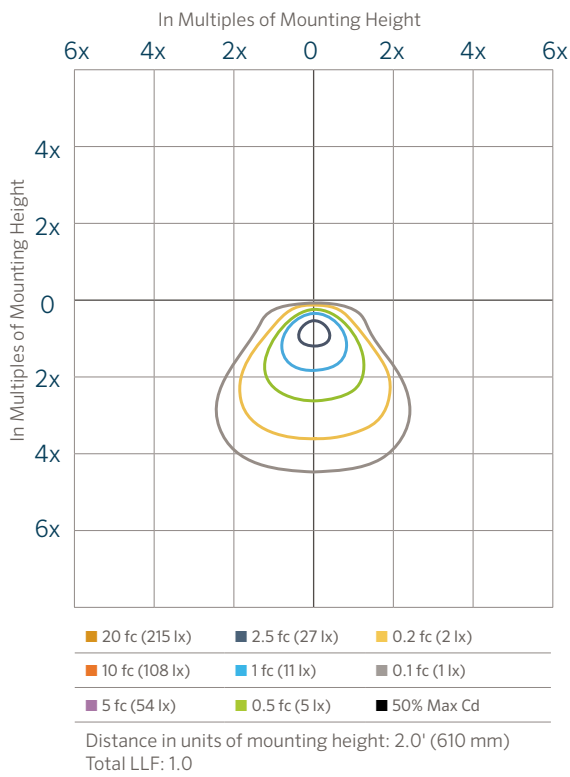


**XX = Finish code

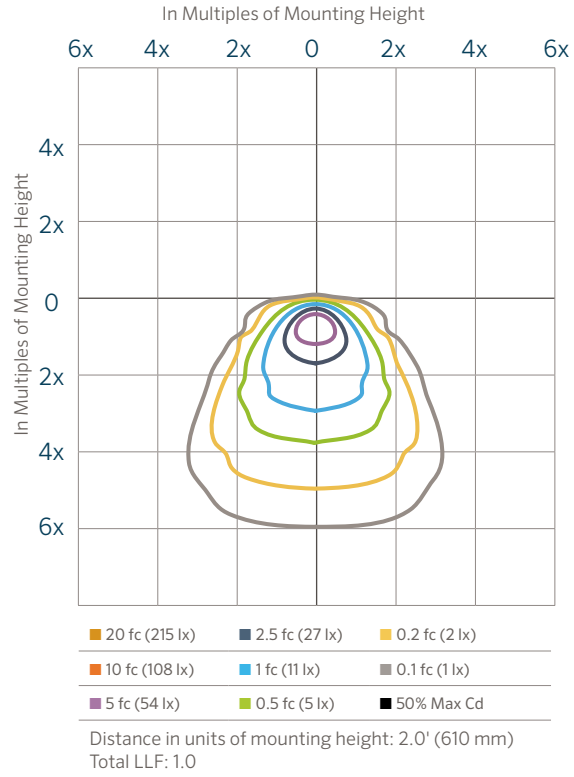
[†] Hyphens are for readability purposes only.

aRondel-6 PHOTOMETRICS

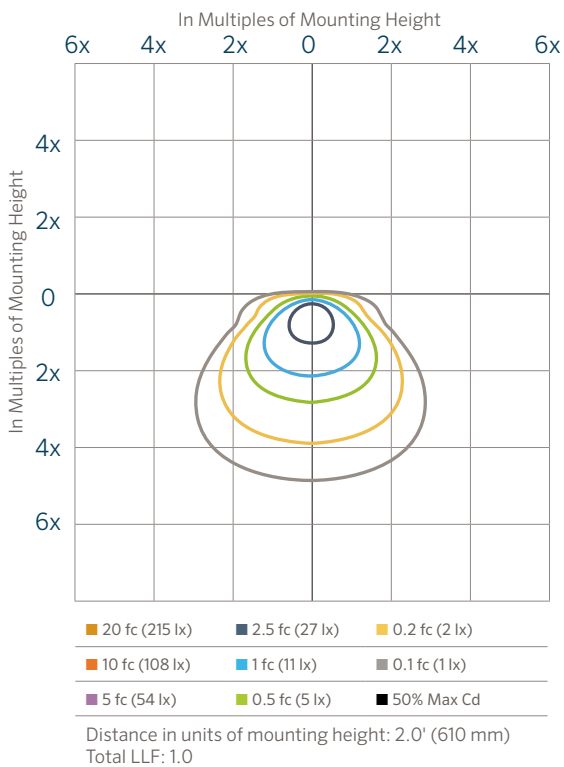
*a*RDL6 1 LED Isofootcandle Plot



*a*RDL6 3 LED Isofootcandle Plot



*a*RDL6 zDC Isofootcandle Plot



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