








Project Name	
Type	
Part Number	
Quantity	
Notes	

## Product Overview

Cylindrical in-grade luminaire with versatile faceplate options in 1, 3, 6, or 9LED. Available in brass construction. An RGBW version is also available for use with ZDCLink® controllers.

## Features

Total Lumens	192 lm
Power Consumption	2.4 W   4.4 W   12.2 W   11.0 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz   ZDC: 11-15 Vac, 50/60 Hz
Installation Requirements	In-grade
Typical Lifetime	White: 72,000 hrs   RGBW: 55,000 hrs
Weight	2.4 lbs (1.1 kg)
Compliance	   
Color Options	

## Technology



## Written Specifications

### Electrical

Power Consumption	Specified power consumption indicates the full apparent power.
Input Voltage	White: 10–15 Vac/dc, 50/60 Hz. RGBW: 11–15 Vac, 50/60 Hz. Remote transformer required (specify separately).
Configuration	Integral driver.
LED	White: Lumileds® RGBW: Cree®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >72,000 hours (L70, B10, TM21 Reported) RGBW: >55,000 hours (L70, B10, TM21 Reported)
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

### Control

Luxor® Control	The ZDClick Controller utilizes Luxor Technology™ to zone luminaires 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 luminaire is zoneable with ZDClick.
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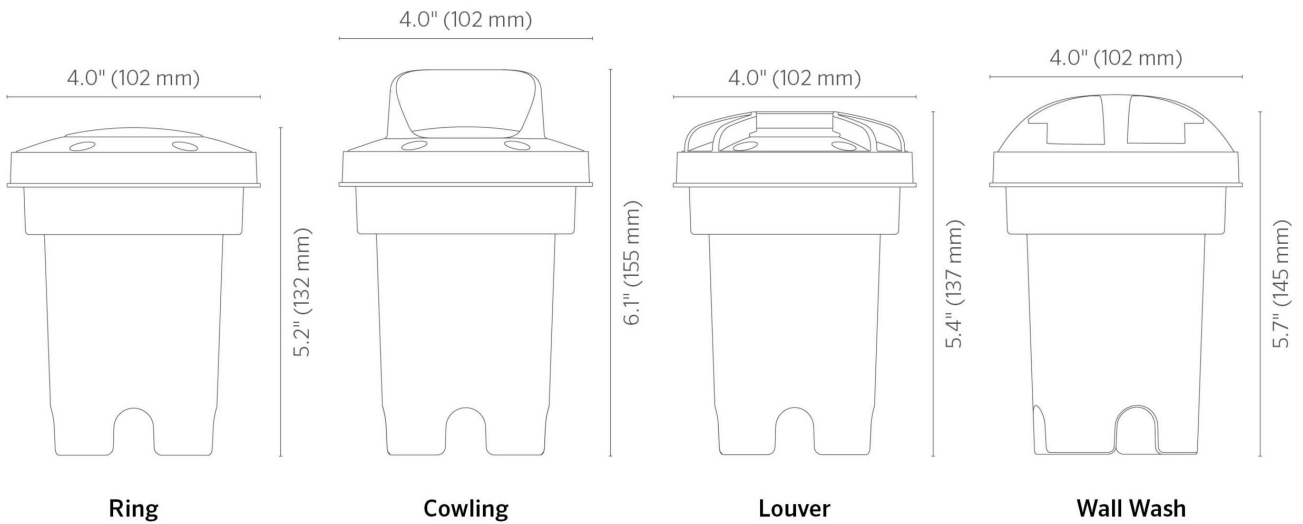
### Physical

Construction	Die-cast C360 brass faceplate with powder-coated, die-cast C360 brass housing. Black oxide stainless steel setscrews and PBT construction sleeve.
Finish	Options of natural metal finish, antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect, or two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards. Antique finishes sealed with a clear TGIC powder-coat layer.
Beam Angles	White: Specify Spot (20°), Flood (35°), or Wide Flood (60°). For Narrow Spot (10°), specify any beam angle and remove beam angle lens on site. Beam angle is field serviceable. RGBW: beam angle is fixed.
Installation	Designed for recessed installation in the upward position only.
Installation Accessories (Included)	Item ships with pre-install kit with a debris cover.
Adjustability	Fixed position.
Wiring	18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length, measured from the light aperture. International ("e") length is shorter.
Socket	MicroAntileach™ Technology to prevent moisture from wicking up into sealed areas of the luminaire.
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C).
Lens	RG, CW, or LV: tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

	GW: Polycarbonate lens with high tolerance for thermal expansion, stress, and abuse.
Lens Transparency	RG, CW, or LV: Clear GW: Frosted
Glare Control	Select appropriate style for preferred glare control.
Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Round 1LED, 3LED, 6LED, 9LED, or ZDC-L
Weight	2.4 lb (1.1 kg)
<b>Compliance</b>	
IP Rating	IP67
Drive-Over	Ground wash option approved for drive-over according to the requirements listed in IEC 60598-1 up to 1,125 lb (510 kg).
Environment	Dry, Damp, Wet locations
Certification	UL 1838, CSA C22.2 No. 250.7, IEC 60598-1, IEC 60598-2-4, FCC Part 15, Subpart B, ISED Canada ICES-005, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3. Default configuration UL Listed. CE certification is met when the “e” option is selected.
<b>Overview</b>	
About Us	Lumascape 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. Lumascape is a member of the Hunter Industries Family of Companies. Learn more at <a href="https://lumascape.com">lumascape.com</a> .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

## Specifications

### Dimensions



### Photometrics 1LED

#### nColumn-10 1LED Illuminance at a Distance RG/CW/LV


Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	Vertical 19.5°
4.0' (1.2 m)	19 fc (206 lx)	1.0' (0.4 m)
8.0' (2.4 m)	5 fc (52 lx)	3.0' (0.9 m)
12.0' (3.7 m)	2 fc (23 lx)	4.0' (1.3 m)
16.0' (4.9 m)	1.2 fc (13 lx)	6.0' (1.7 m)
20.0' (6.1 m)	0.8 fc (9 lx)	7.0' (2.1 m)
24.0' (7.3 m)	0.5 fc (5 lx)	8.0' (2.5 m)

Note: Photometric data displayed using 3,900 K filter with a 20° spot lens. ZDC option defaults to wide flood.

Photometrics 3LED

nColumn-10 3 LED Illuminance at a Distance RG/CW/LV

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
4.0' (1.2 m)	52 fc (560 lx)	1.0' (0.4 m)
8.0' (2.4 m)	13 fc (140 lx)	3.0' (0.9 m)
12.0' (3.7 m)	6 fc (62 lx)	4.0' (1.3 m)
16.0' (4.9 m)	3 fc (34 lx)	6.0' (1.7 m)
20.0' (6.1 m)	2 fc (22 lx)	7.0' (2.1 m)
24.0' (7.3 m)	1.4 fc (15 lx)	8.0' (2.5 m)

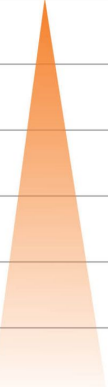


Note: Photometric data displayed using 3,900 K filter with a 20° spot lens. ZDC option defaults to wide flood.

Photometrics 3LEDT

nColumn-10 3 LEDT Illuminance at a Distance RG/CW/LV

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
4.0' (1.2 m)	38 fc (412 lx)	2.0' (0.5 m)
8.0' (2.4 m)	10 fc (103 lx)	3.0' (0.9 m)
12.0' (3.7 m)	4 fc (46 lx)	5.0' (1.4 m)
16.0' (4.9 m)	2 fc (26 lx)	6.0' (1.8 m)
20.0' (6.1 m)	1.5 fc (16 lx)	7.0' (2.3 m)
24.0' (7.3 m)	1.1 fc (12 lx)	9.0' (2.7 m)

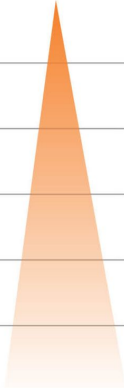


Note: Photometric data displayed using 3,900 K filter with a 20° spot lens. ZDC option defaults to wide flood.

Photometrics 6LED

nColumn-10 6 LED Illuminance at a Distance RG/CW/LV

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
4.0' (1.2 m)	77 fc (835 lx)	2.0' (0.5 m)
8.0' (2.4 m)	19 fc (209 lx)	3.0' (0.9 m)
12.0' (3.7 m)	9 fc (93 lx)	5.0' (1.4 m)
16.0' (4.9 m)	5 fc (53 lx)	6.0' (1.8 m)
20.0' (6.1 m)	3 fc (33 lx)	7.0' (2.3 m)
24.0' (7.3 m)	2 fc (24 lx)	9.0' (2.7 m)




Note: Photometric data displayed using 3,900 K filter with a 20° spot lens. ZDC option defaults to wide flood.

Photometrics 9LED

nColumn-10 9 LED Illuminance at a Distance RG/CW/LV

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
4.0' (1.2 m)	100 fc (1,071 lx)	2.0' (0.5 m)
8.0' (2.4 m)	25 fc (269 lx)	3.0' (0.9 m)
12.0' (3.7 m)	11 fc (120 lx)	5.0' (1.4 m)
16.0' (4.9 m)	6 fc (67 lx)	6.0' (1.8 m)
20.0' (6.1 m)	4 fc (43 lx)	7.0' (2.3 m)
24.0' (7.3 m)	3 fc (30 lx)	9.0' (2.7 m)

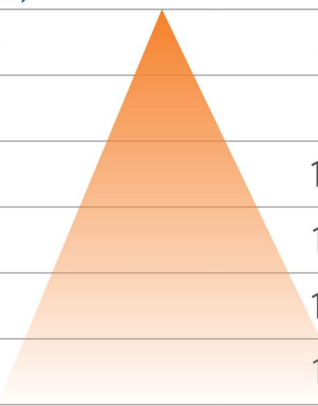


Note: Photometric data displayed using 3,900 K filter with a 20° spot lens. ZDC option defaults to wide flood.

Photometrics ZDC

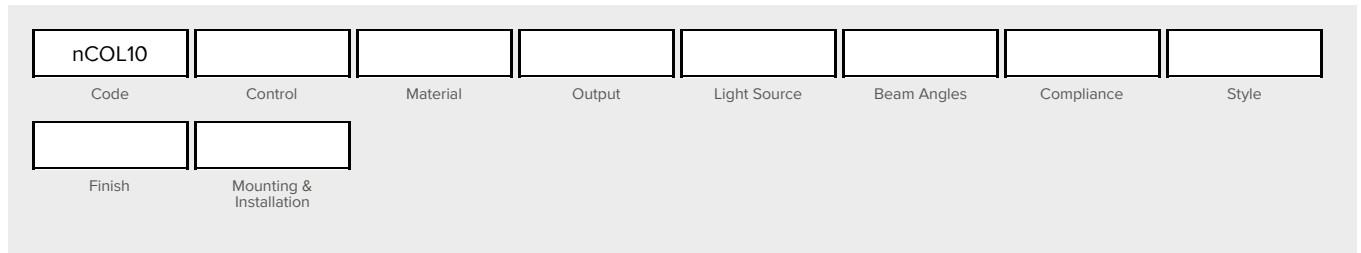
nColumn-10 ZDC Illuminance at a Distance RG/CW/LV		
Feet (Meters)	Center Beam Foot-Candles (Lux)	Beam Width Vertical 43.2°
4.0' (1.2 m)	18 fc (191 lx)	3.0' (1.0 m)
8.0' (2.4 m)	4 fc (47 lx)	6.0' (1.9 m)
12.0' (3.7 m)	2 fc (22 lx)	10.0' (2.9 m)
16.0' (4.9 m)	1 fc (12 lx)	13.0' (3.9 m)
20.0' (6.1 m)	1 fc (8 lx)	16.0' (4.8 m)
24.0' (7.3 m)	0.5 fc (5 lx)	19.0' (5.8 m)

Note: Photometric data displayed using 3,900 K filter with a 20° spot lens. ZDC option defaults to wide flood.



## Configuration

For complete and up-to-date product options, configure the nCOL10 using our online product configurator.



### Control

- Standard (-)**  
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDCLink Lighting Controller.
- Zone/Dim (ZD)**  
Zone/Dim with Luxor® Technology using the ZDCLink Lighting Controller.
- Zone/Dim/Color (ZDC)**  
Zone/Dim/Color with Luxor® Technology using the ZDCLink Lighting Controller.

### Material

- Brass**  
Die-cast C360 brass with stainless steel hardware.
- Aluminum (A)**  
Die-cast A380 aluminum with stainless steel hardware. Available in powder-coated finishes and in the ring style only.

### Output

- 2.2 W (1LED)**  
79 lm
- 4.4 W (3LED)**  
305 lm
- 9.3 W (6LED)**  
540 lm
- 12.2 W (9LED)**  
811 lm
- 12.2 W**  
811 lm, for ZD control
- 11.0 W**  
For ZDC control

### Light Source

- Static White (K27)**  
2,700 K (80+ CR)
- RGBW**  
For ZDC control



### Beam Angles

Published angles may vary slightly to photometric data. Please refer to IES files where relevant.

- Spot (SP)**  
20° beam angle
- Flood (FL)**  
35° beam angle
- Flood**  
45° beam angle, for ZDC control
- Wide Flood (WF)**  
60° beam angle
- Ground Wash (Default)**














### Compliance

- North America**  
UL listed
- International (E)**  
UL listed and CE approved. Required for shipment outside of North America.

### Style


- Ring (RG)**
- Cowling (CW)**
- Louver (LV)**
- 90° Ground Wash (GW090)**
- 180° Ground Wash (GW180)**
- 270° Ground Wash (GW270)**
- 360° Ground Wash (GW360)**

## Finish

- |   |  |  |   |   |   |
|---|--|--|---|---|---|
| <input type="checkbox"/> <b>Black (BL)</b><br>RAL9004 from RAL<br>Classic collection  |   | <input type="checkbox"/> <b>Anthracite Gray (AG)</b><br>RAL7016 from RAL<br>Classic collection   |  | <input type="checkbox"/> <b>Basalt Gray (BT)</b><br>RAL7012 from RAL<br>Classic collection  |  |
| <input type="checkbox"/> <b>Graphite Gray (GH)</b><br>Graphite Gray powder-coat finish  |   | <input type="checkbox"/> <b>Anodic Silver (SL)</b><br>RAL9006 from RAL<br>Classic collection   |  | <input type="checkbox"/> <b>White (WT)</b><br>RAL9016 from RAL<br>Classic collection  |  |
| <input type="checkbox"/> <b>Dark Bronze (DB)</b><br>RAL8019 from RAL<br>Classic collection  |   | <input type="checkbox"/> <b>Latte (LT)</b><br>RAL7006 from RAL<br>Classic collection   |  | <input type="checkbox"/> <b>Dark Aluminium (DA)</b><br>RAL9007 from RAL<br>Classic collection   |  |
| <input type="checkbox"/> <b>Natural Brass (BS)</b>  |   | <input type="checkbox"/> <b>Antique Bronze (AB)</b><br>Natural brass material with brushed antique effect. Finish sealed with a clear TGIC powder-coat finish layer. |  | <input type="checkbox"/> <b>Antique Tumbled (AT)</b><br>Natural brass material with tumbled antique effect. Finish sealed with a clear TGIC powder-coat finish layer. |  |
| <input type="checkbox"/> <b>Custom RAL (CC)</b><br>A one-off custom color setup fee applies. Click on 'More Info' button to add to your enquiry. Contact Lumascape for volume discount on set-up fee. |  |  |   |   |   |

## Mounting & Installation

Included with product.

- |  |   |
|--|---|
| <input type="checkbox"/> <b>Pre-Installation Kit</b><br>Kit shipped with the complete luminaire. |  |
|--|---|

## Accessories

### Pre-Installation Kit

Specify Separately

- Ship Separately (250014260000)**  
Kit shipped with the complete luminaire.



### Lens Accessories

Specify Separately

- Hex Baffle (250015260000)**  
2" (50 mm) diameter (MR-16)



- Linear Spread Lens (250013550000)**  
2" (50 mm) diameter (MR-16)



- Solite Spread Lens (250015240000)**  
2" (50 mm) diameter (MR-16)



### Power Supplies

Specify Separately

- Multi-Tap Transformer (PROLINK)**  
The industry's most reliable multi-tap transformer.



- ZDCLink® Lighting Controller (ZDCLink)**  
A combined lighting controller and transformer (120 Vac to 14 Vac) that offers powerline zoning, dimming, RGBW color changing, and optional Wi-Fi control via Luxor Technology™



- Dimmable Mini Transformer (ST-120-DIM)**  
60 W, 120 V to 12 Vac step-down transformer.



- Non-Dimmable Mini Transformer (ST-UV)**  
30 W universal voltage step-down transformer.



- 6 W Plug-in Transformer (MT-6W)**  
Standard North American Type A, Class 2 transformer with 6 W capacity and 1' (300 mm) flying leads.

- 30 W Plug-in Transformer (MT-30W)**  
Standard North American Type A, Class 2 transformer with 30 W capacity and 1' (300 mm) flying leads.

### Supplemental Surge Protection

Specify Separately

- In-Line Surge Arrestor (SURGE-MOD)**



Provides two additional layers of surge protection (up to 10KW) to any 12 Vac/dc LED luminaire.

### Wire Connections

Specify Separately

- Heat Shrink Wire Connectors - Medium (WCHSMD20)**



Tin-coated copper butt splices with adhesive-filled heat shrink tubes.

- Heat Shrink Wire Connectors - Small (WCHSSM20)**



Tin-coated copper butt splices with adhesive-filled heat shrink tubes.

### Custom Color

A one-off setup fee applies for each custom color per order. Add to your enquiry.

- Custom Color Setup Fee: Essential Series (Custom RAL Color Setup)**



Custom RAL colour setup fee

# Give every landscape the light it deserves



When it comes to lighting design, why should architecture have all the fun? We've added more than 50 new landscape luminaires, offering unmatched performance, simple installation, and compatibility with state-of-the-art Luxor® Technology. Discover endless new possibilities to bring your next landscape lighting project to life at [lumascap.com](http://lumascap.com).

