








Project Name	
Type	
Part Number	
Quantity	
Notes	

## Product Overview

The uTide is a durable brass underwater light for illuminating water features available in 3, 6 or 9 LED. An RGBW option is also available for use with ZDCLink® Controllers.

## Features

Total Lumens	704 lm
Power Consumption	4.4 W   4.5 W   12.2 W   11.0 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz   ZDC: 11-15 Vac/dc, 50/60 Hz
Installation Requirements	Underwater Up to Maximum Depth of 10' (3 m)
Typical Lifetime	White: 72,000 hrs   RGBW: 55,000 hrs
Weight	4.4 lb (2.0 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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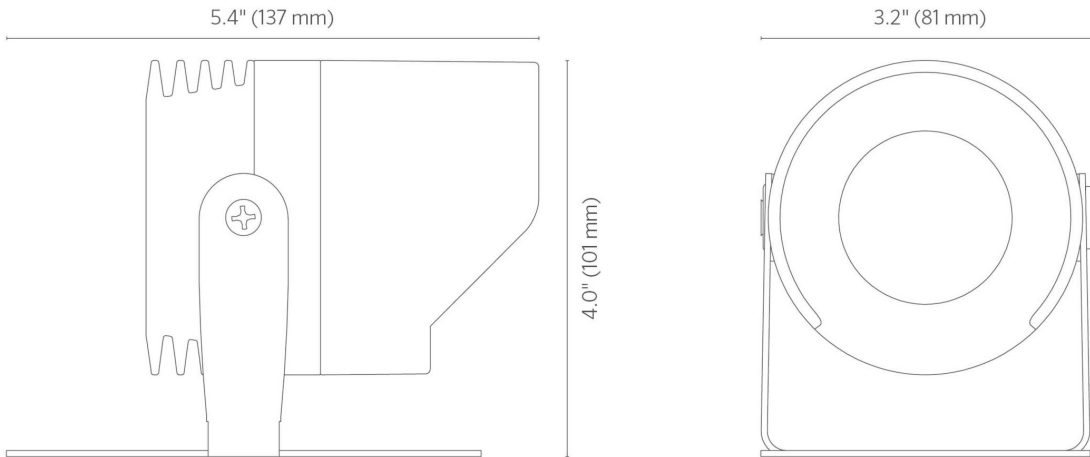
### Physical

Construction	Die-cast C360 brass housing and cap with stainless steel stand; brass alignment fasteners.
Finish	Natural metal finish.
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 installation in any direction, underwater only. Maximum depth of 10' (3 m).
Installation Accessories (Included)	Item ships with a 316 stainless steel stand.
Adjustability	Offers 220° of vertical alignment.
Wiring	16 AWG (1.3 mm); 220°F (105°C); 300 V; 0.30 PVC insulation.
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	OptiClear™ tempered glass for exceptional optical purity and load strength.
Lens Transparency	White: Clear RGBW: Frosted
Glare control	15° angled shield.
Hardware	Tamper-resistant stainless steel hardware.
Housing Capacity	Round 1LED, 3LED, 6LED, 9LED, or ZDC-L

Weight	4.4 lb (2.0 kg)
<b>Compliance</b>	
IP Rating	IP68
Environment	Dry, Damp, Wet locations.
Wildlife-Friendly Lighting	The 3LEDT option is Wildlife Lighting Certified by the Florida Fish and Wildlife Conservation Commission.
Certifications	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	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 <a href="http://lumascap.com">lumascap.com</a> .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

## Specifications

### Dimensions



### Photometrics 3LED

#### uTide 3 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 17.3°	Horizontal 17°
4.0' (1.2 m)	52.0 fc (560 lx)	1.0' (0.4 m)	1.0' (0.4 m)
8.0' (2.4 m)	13.0 fc (140 lx)	2.0' (0.7 m)	2.0' (0.7 m)
12.0' (3.7 m)	6.0 fc (62 lx)	4.0' (1.1 m)	4.0' (1.1 m)
16.0' (4.9 m)	3.0 fc (36 lx)	5.0' (1.5 m)	5.0' (1.5 m)
20.0' (6.1 m)	2.0 fc (23 lx)	6.0' (1.9 m)	6.0' (1.8 m)
24.0' (7.3 m)	1.2 fc (13 lx)	8.0' (2.4 m)	8.0' (2.4 m)

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

Photometrics 3LEDT

uTide 3 LEDT Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 21.1°	Horizontal 20.6°
4.0' (1.2 m)	30.0 fc (325 lx)	2.0' (0.5 m)	2.0' (0.5 m)
8.0' (2.4 m)	8.0 fc (82 lx)	3.0' (0.9 m)	3.0' (0.9 m)
12.0' (3.7 m)	3.0 fc (37 lx)	5.0' (1.4 m)	4.0' (1.3 m)
16.0' (4.9 m)	1.9 fc (21 lx)	6.0' (1.8 m)	6.0' (1.8 m)
20.0' (6.1 m)	1.2 fc (13 lx)	8.0' (2.3 m)	7.0' (2.2 m)
24.0' (7.3 m)	0.8 fc (9 lx)	9.0' (2.7 m)	9.0' (2.7 m)

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

Photometrics 6LED

uTide 6 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 16°	Horizontal 17°
4.0' (1.2 m)	118.0 fc (1,265 lx)	1.0' (0.3 m)	1.0' (0.4 m)
8.0' (2.4 m)	29.0 fc (317 lx)	2.0' (0.7 m)	2.0' (0.7 m)
12.0' (3.7 m)	13.0 fc (141 lx)	3.0' (1.0 m)	4.0' (1.1 m)
16.0' (4.9 m)	7.0 fc (79 lx)	5.0' (1.4 m)	5.0' (1.4 m)
20.0' (6.1 m)	5.0 fc (51 lx)	6.0' (1.7 m)	6.0' (1.8 m)
24.0' (7.3 m)	3.0 fc (30 lx)	7.0' (2.2 m)	8.0' (2.3 m)

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

Photometrics 9LED

uTide 9 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 16.6°	Horizontal 17°
4.0' (1.2 m)	150.0 fc (1,615 lx)	1.0' (0.4 m)	1.0' (0.4 m)
8.0' (2.4 m)	38.0 fc (404 lx)	2.0' (0.7 m)	2.0' (0.7 m)
12.0' (3.7 m)	17.0 fc (180 lx)	4.0' (1.1 m)	4.0' (1.1 m)
16.0' (4.9 m)	9.0 fc (101 lx)	5.0' (1.4 m)	5.0' (1.4 m)
20.0' (6.1 m)	6.0 fc (65 lx)	6.0' (1.8 m)	6.0' (1.8 m)
24.0' (7.3 m)	4.0 fc (39 lx)	8.0' (2.3 m)	8.0' (2.3 m)

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

Photometrics ZDC

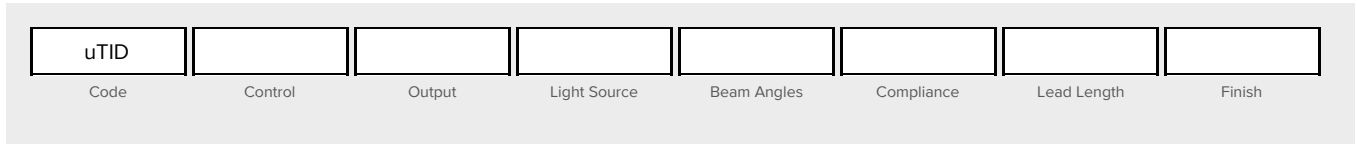
uTide ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 43°	Horizontal 43°
4.0' (1.2 m)	12.0 fc (129 lx)	3.0' (1.0 m)	3.0' (1.0 m)
8.0' (2.4 m)	3.0 fc (31 lx)	6.0' (1.9 m)	6.0' (1.9 m)
12.0' (3.7 m)	1.3 fc (14 lx)	9.0' (2.8 m)	9.0' (2.9 m)
16.0' (4.9 m)	0.7 fc (8 lx)	12.0' (3.8 m)	13.0' (3.8 m)
20.0' (6.1 m)	0.5 fc (5 lx)	16.0' (4.7 m)	16.0' (4.8 m)
24.0' (7.3 m)	0.3 fc (3 lx)	19.0' (5.7 m)	19.0' (5.8 m)

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

## Configuration

For complete and up-to-date product options, configure the uTID using our online [product configurator](#).



### Control

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

### Output

- 4.4 W (3LED)**  
 259 lm
- 4.5 W (-)**  
 121 lm, Wildlife-friendly, for ZD control
- 9.3 W (6LED)**  
 487 lm
- 12.2 W (9LED)**  
 704 lm
- 12.2 W**  
 704 lm, for ZD control
- 11.0 W**  
 For ZDC control

### Light Source

- Static White (K27)**  
 2,700 K (80+ CRI)
- RGBW**  
 For ZDC control
- Wildlife-Friendly (T)**  
 Amber (585 to 595 nm)

### Beam Angles

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

- Spot (SP)**  
 20° beam angle
- Flood (FL)**  
 30° beam angle
- Flood**  
 50° beam angle, for ZDC control
- Wide Flood (WF)**  
 60° beam angle

Compliance

**North America**  
UL listed

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

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Lead Length

**Standard (30)**  
30' (9m)

**Extra-Long (XL)**  
100' (30 m)

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Finish

**Natural Brass (BS)**





## Accessories

### 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.



# 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).



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