




---

 TYPE
 

---



---

 CATALOG #
 

---



---

 PROJECT
 

---



---

 NOTES
 

---

## LED UNDERWATER LUMINAIRES

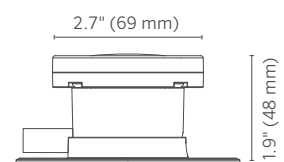
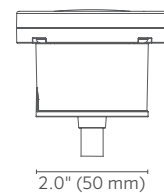
---

### *U-Pebble-7*

Our smallest integrated LED underwater luminaire is available in 1 LED, 3 LED, 3 LEDT, and ZDC configurations. With integrated Luxor® Technology, three color filters, and flexible lead options, the highly durable luminaire adds a distinctive design element to any water feature.

#### Quick Facts

- Die-cast brass
- Frosted lens
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- Phase and Luxor dimmable
- Support base included
- Input voltage: 10 to 15 Vac/Vdc



# uPebble-7 SPECIFICATIONS

Output	1 LED	3 LED	3 LEDT	ZDC
<b>Total Lumens<sup>†</sup></b>	74	173	121	147
<b>Input Voltage</b>	10 to 15 V	10 to 15 V	10 to 15 V	11 to 15 V
<b>Input Power</b>	2.0 W	4.2 W	4.2 W	6.0 W
<b>Power Consumption (VA)</b>	2.4 W	4.5 W	4.5 W	7.2 W
<b>Efficacy (lm/W)</b>	38	41	34	46
<b>Color Rendering Index (CRI)</b>	84	84	--	81
<b>Center Beam Candlepower</b>	35	82	251	124
<b>Dimming</b>				
<b>Primary Dimming (Transformer)</b>	Consult transformer specifications			
<b>Secondary Dimming (Fixture)</b>	Phase-cut**	Phase-cut**	Phase-cut**	Luxor
<b>RGBW Available</b>	No	No	No	Yes
<b>Luxor Compatibility</b>				
<b>Default</b>	Zoning	Zoning	--	Zoning
<b>ZD Option</b>	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming
<b>ZDC Option</b>	--	--	--	Zoning/Dimming/Color
<b>Minimum Rated Life L90 B10 (Hrs)</b>	55,000	55,000	55,000	55,000

<sup>†</sup> 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](http://lumascap.com).

## Materials

Die-cast C360 brass housing and cap with composite support stand.

## Socket

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

## Faceplate

Die-cast brass shroud with flat face.

## Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated 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.

## Housing

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

## Hardware

T15 Torx screws

## Lens

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

## Wiring

16 AWG (1.3 mm); 220°F (105°C); 300 V; 30' (9.1 m) length; 0.30 PVC insulation.

## Power

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

## Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Color temperature and beam angle lenses are field serviceable.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Control

ZDCLink 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 ZDCLink.

## Finish

Natural brass finish

## Weight

1 lbs (0.5 kg)

## Installation Requirements

Designed for installation in any direction, underwater only. Maximum depth of 10' (3 m).

## 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.

## Wildlife-Friendly Lighting

Available with wildlife-friendly certified 3 LEDT output option, approved by the Florida Fish and Wildlife Conservation Commission. Wildlife-friendly lighting uses amber, orange or red LED sources with long wavelength light of 560 nm or greater.

## Manufacturing

ISO 9001:2015 certified facility


## Warranty

5-year limited warranty

## Listings



# uPebble-7 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Compliance	Lead Direction	Lead Length	Finish
uPBL-7	■ [default] Zone	■ 1LED 74 lm	■ [default] UL Listed	■ HZ* Horizontal with Support Stand	■ 30 Standard Lead 30' (9 m)	■ BS Natural Brass 
	■ ZD Zone/Dim	■ 3LED 173 lm	■ e CE Certified	■ VR Vertical for Conduit	■ XL Extra-Long Lead 100' (30 m)	
		■ 3LEDT** Wildlife-Friendly Amber (585-595 nm)				
	■ ZDC Zone/Dim/Color	■ [default ZDC] 147 lm				

EXAMPLE LUMINAIRE CONFIGURATION: uPBL7-ZD-3LED-VR-XL-BS




\* Ships with composite Support Stand

\*\* Available with ZD Luxor option only

† Hyphens are for readability purposes only.

## MOUNTING OPTIONS: Specify Separately

Item	Code	
■ SUPPORT STAND 4.0" (102 mm)	250022480000	

# uPebble-7 PHOTOMETRICS

## uPebble-7 1 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
3.0' (0.9 m)	4.0 fc (42 lx)	6.0' (1.8 m)
6.0' (1.8 m)	8.0 fc (86 lx)	12.0' (3.7 m)
9.0' (2.7 m)	3.0 fc (32 lx)	18.0' (5.5 m)
12.0' (3.7 m)	1.9 fc (21 lx)	24.0' (7.3 m)
15.0' (4.6 m)	1.2 fc (13 lx)	30.0' (9.1 m)
18.0' (5.5 m)	0.8 fc (9 lx)	36.0' (10.9 m)

## uPebble-7 3 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
3.0' (0.9 m)	9 fc (99 lx)	6.0' (1.8 m)
6.0' (1.8 m)	2 fc (25 lx)	12.0' (3.7 m)
9.0' (2.7 m)	1.0 fc (11 lx)	18.0' (5.5 m)
12.0' (3.7 m)	0.6 fc (7 lx)	24.0' (7.3 m)
15.0' (4.6 m)	0.4 fc (4 lx)	30.0' (9.1 m)
18.0' (5.5 m)	0.3 fc (3 lx)	35.0' (10.7 m)

## uPebble-7 ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	
3.0' (0.9 m)	14 fc (149 lx)	3.0' (0.9 m)
6.0' (1.8 m)	40 fc (38 lx)	6.0' (1.8 m)
9.0' (2.7 m)	1.5 fc (16 lx)	9.0' (2.7 m)
12.0' (3.7 m)	0.9 fc (10 lx)	13.0' (4.0 m)
15.0' (4.6 m)	0.6 fc (7 lx)	16.0' (4.9 m)
18.0' (5.5 m)	0.4 fc (4 lx)	19.0' (5.8 m)

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

Cree is a registered trademark of Cree Inc. MoistureBlock is a trademark of DSM&T Co. Inc.

© 2021 Hunter Industries™. Hunter, Lumascape, all related logos, and all other trademarks are property of Hunter Industries, registered in the U.S. and other countries.