

SPECIFICATION SHEET

The HueCraft Submersible series is a durable family of underwater luminaires designed for fountains and architectural water features. Constructed with marine-grade stainless steel and sealed with waterproof silicone gaskets, HueCraft Submersible delivers reliable performance in fully submerged environments. Two compact sizes support a broad range of applications while maintaining a clean look.

A selection of narrow spot and wider flood beam options allows light to be tailored for focused accents or broad underwater washes. Static white and dynamic color options accommodate a range of lighting effects, while adjustable surface-mount and in-grade mounting options provide installation flexibility.

FINISH



316L
Stainless Steel

CCT



3000K



4000K



5700K

OPTICS



10°



15°



25°



40°



60°



20°x40°

MOUNTING



Adjustable
Surface



Ingrade



Stainless-steel Underwater Luminaires

HueCraft Submersible series features an IP68-rated construction with a 316L stainless steel housing, corrosion-resistant fasteners, and an anti-aging waterproof silicone gasket. A clear safety glass lens and precision sealing protect internal components from water ingress, ensuring reliable operation in demanding underwater environments up to 15 ft deep.

LISTING



HueCraft Submersible 8

SPECIFICATION SHEET
HueCraft HS8/Static White

ELECTRICAL

Power Input	45W 120-277 VAc
Power Factor	> 0.9
Driver Location	Remote Location

PHYSICAL

Housing Material	316L Stainless Steel Housing, Anti-aging waterproof silicone gasket, Clear safety glass, Nickel plated brass cable gland
Finish	Stainless Steel
Dimensions	Adjustable Surface Mount: 7.48" x 3.46" x 8.02", ø7.48" Ingrade: ø8.62" x 5.90"
Weight	8.4 lbs / 3.8kg
Adjustability	Tilttable 60°, Rotation 0 - 350°
Mounting	Adjustable Surface Mount, Inground

PHOTOMETRIC PERFORMANCE

Lumen Output	4,481 lm (25°)
Beam Angle	10°, 15°, 25°, 40°, 60°, 20°x40°
Colors	3000K, 4000K, 5700K
Color Rendering	CRI 85+ (75 @ 5700K)
Lumen Maintenance	Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 65,000 Hrs

CONTROL

Control	1 Channel DMX
Dimming	DMX high resolution 16 bit dimming curve dims to 0.1%, supports ANSI E1.20 RDM protocol
Maximum Fixtures	Each remote power box can support up to 1 fixtures, with a maximum of 32 fixtures per daisy chain

ENVIRONMENTAL

Operating Temperature	32°F ~ 122°F / 0°C ~ 50°C
Maximum Depth	15 ft
Ingress Protection	IP68
Impact Resistance	IK08
Listing	UL 379 (Remote Power Box) , UL 676 (Light Head), CE, FCC

WARRANTY

Warranty	5-year limited warranty
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CATALOG

PROJECT

TYPE

QUANTITY

PRODUCT CONFIGURATOR 

Try our **product configurator** on our website to easily specify your requirements and add items to a fixture list.

HS8	45		UNV	DMX	
MODEL	WATTAGE	CCT / CRI	VOLTAGE	DIMMING	OPTIC
HS8 HueCraft Submersible 8"	45 45W, Ø7.5"	308 3000K / CRI85 408 4000K / CRI85 577 5700K / CRI75	UNV 120 - 277 VAC	DMX DMX high resolution 16 bit dimming curve dims to 0.1%, supports ANSI E1.20 RDM protocol	10 10° 15 15° 25 25° 40 40° 60 60° 2040 20° x 40°

ST		
FINISH	MOUNTING	CABLE
ST Stainless Steel	SUM Adjustable Surface Mount ING Ingrade	50 50ft 100 100ft 150 150ft

CATALOG - REMOTE POWER BOX

REMOTE POWER BOX

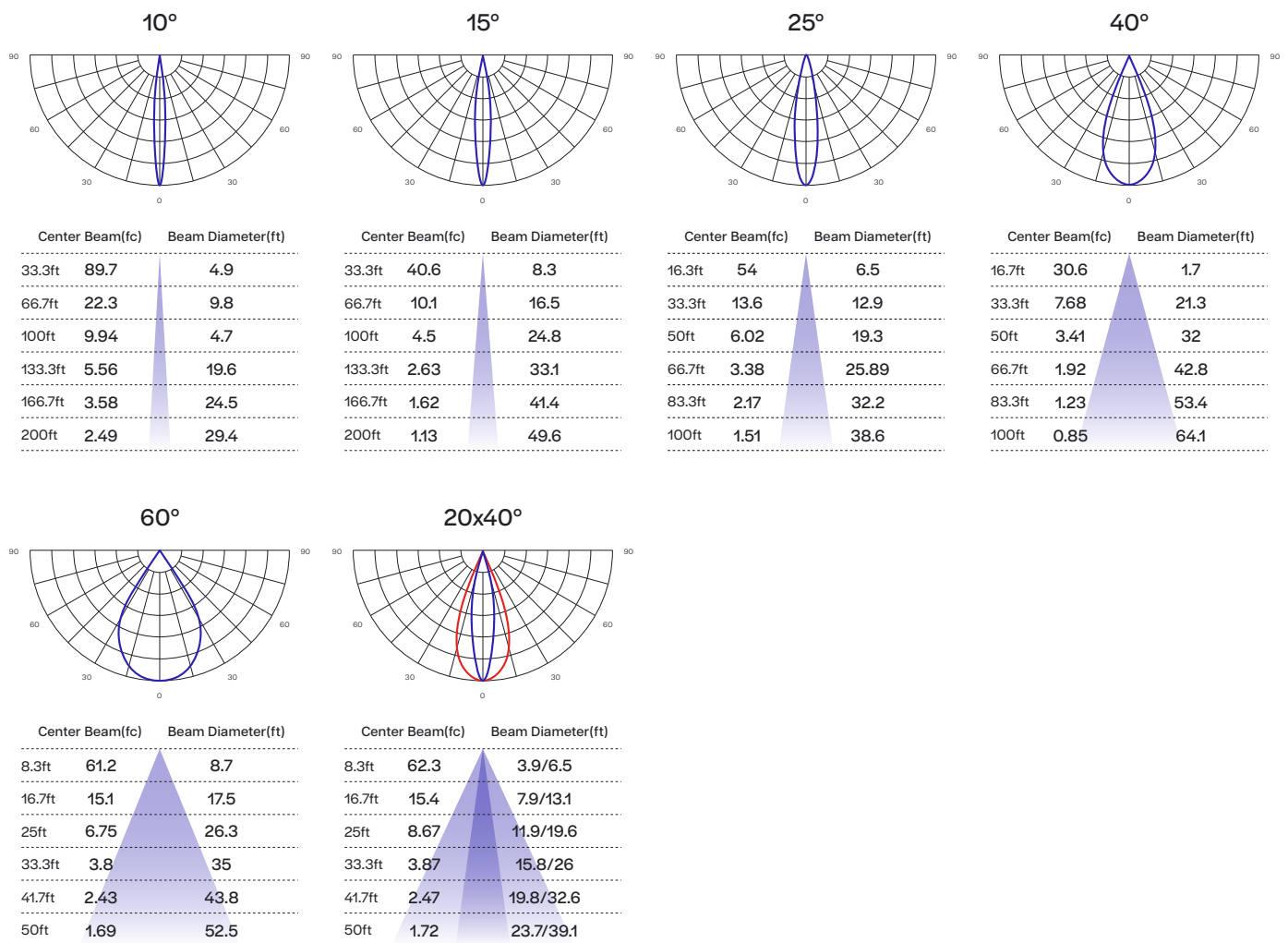
HSR1	1P	
MODEL	OUTPUT PORT	OPTION
HSR1 HueCraft Submersible Remote Power Box (1ch)	1P 1 Port	NON No Terminator DMXT DMX Terminator Included

PERFORMANCE

	COLOR	LUMEN
10°	3000K	3,827 lm
	4000K	4,078 lm
	5700K	4,643 lm
15°	3000K	3,694 lm
	4000K	3,936 lm
	5700K	4,481 lm
25°	3000K	3,642 lm
	4000K	3,881 lm
	5700K	4,481 lm
40°	3000K	3,211 lm
	4000K	3,421 lm
	5700K	3,895 lm
60°	3000K	3,687 lm
	4000K	3,928 lm
	5700K	4,472 lm
20x40°	3000K	2,099 lm
	4000K	2,236 lm
	5700K	2,546 lm

Note: Tolerance $\pm 10\%$. For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

PHOTOMETRICS



DMX CHART

The HueCraft HS8 fixture is a single channel DMX unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

DMX ADDRESS

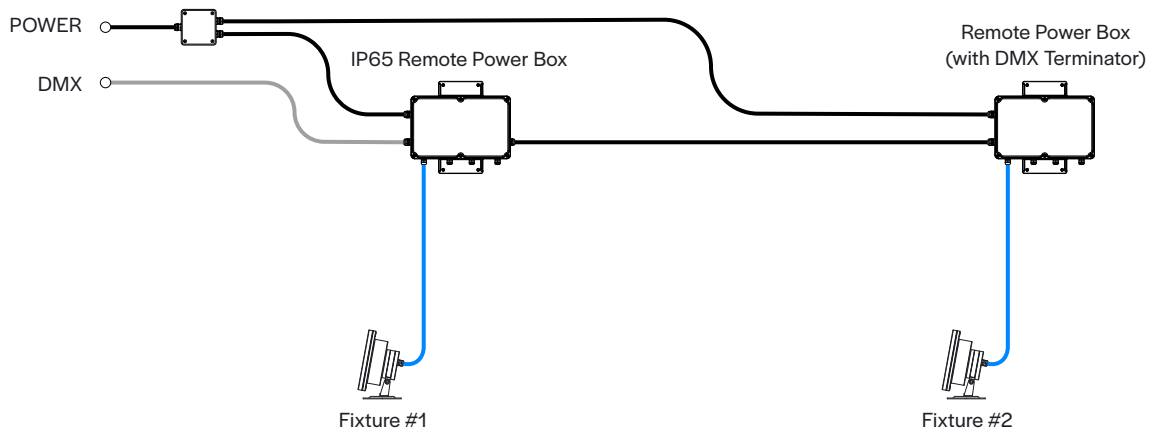
Fixture #	Channel	White Control
#1		1
#2		2
#3		3

COMPATIBLE DMX CABLING

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable must not be used to carry DMX. We recommend the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. A DMX terminator is also required at the end of each DMX chain to ensure proper signal transmission and prevent data reflection.

CONNECTION

* This diagram is for illustrative purposes only. All installations must comply with applicable electrical codes and safety standards. Follow NEC requirements and consult a qualified professional for proper implementation.

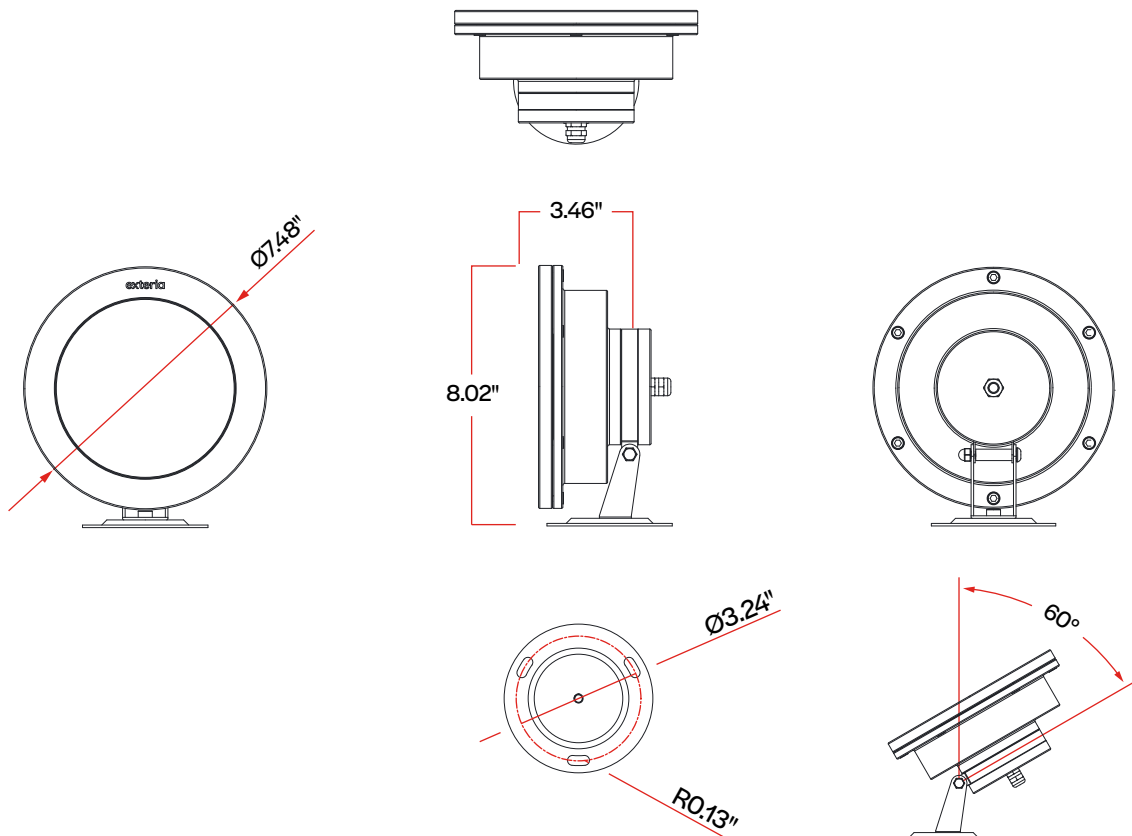


Note:

- Maximum fixtures per remote power box: 1 fixtures
- Maximum fixtures per daisy chain: 32 fixtures

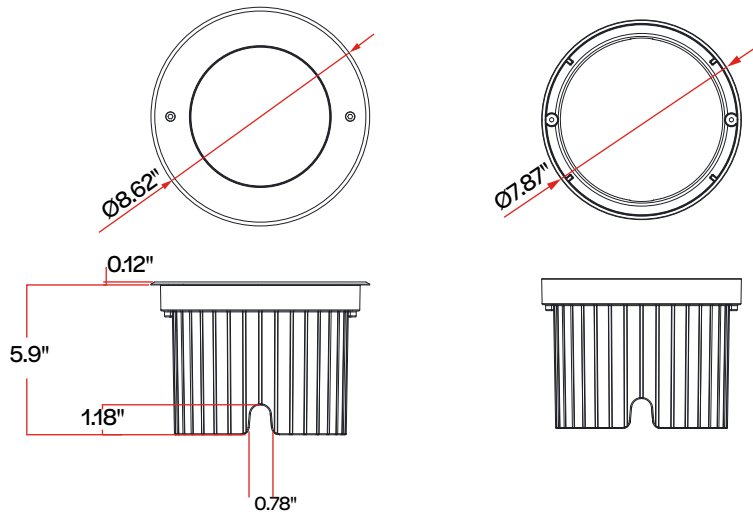
DIMENSIONS

ADJUSTABLE SURFACE MOUNT

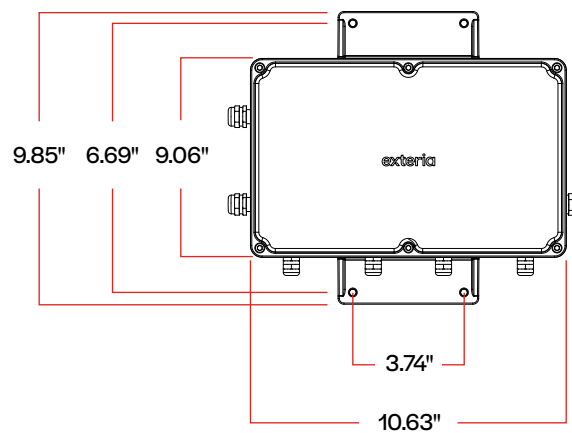


DIMENSIONS

INGRADE



REMOTE POWER BOX



Note:

- The remote power box is IP65 rated and suitable for wet locations
- Max remote distance 150ft