HueCraft Submersible 8

HueCraft HS8/Static White

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.

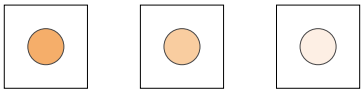
A selection of narrow spot and wider flood beam options allows light to be tailored for focused accents or broad underwater washes. Static white and dynamic color options accommodate a range of lighting effects, while adjustable surface-mount and in-grade mounting options provide installation flexibility.

FINISH



316L
Stainless Steel

CCT



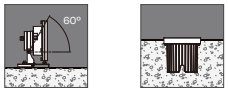
3000K | 4000K | 5700K

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

CE | FC | IP68 | IK08

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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" × 3.46" × 8.02", ø7.48" Ingrade: ø8.62" x 5.90"
Weight	4.6 lbs / 3.8kg
Adjustability	Tiltable 60°, Rotation 0 - 350°
Mounting	Adjustable Surface Mount, Ingrade

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 one fixture, 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 (Fixture Body), CE, FCC

WARRANTY

Warranty	5-year limited warranty

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info@exterialighting.com | 213-992-9992

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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	**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

HSR4	1P	
MODEL	**OUTPUT PORT**	**OPTION**
HSR4 HueCraft Submersible Remote Power Box (4ch)	**1P** 1 Port	**NON** No Terminator **DMXT** DMX Terminator Included

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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

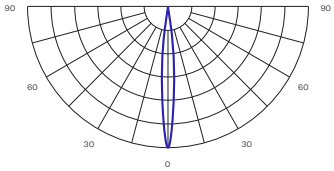
Note: Tolerance ±10%, For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

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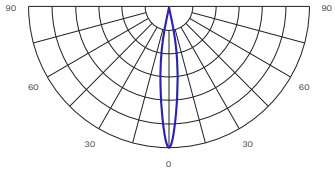
PHOTOMETRICS

10°



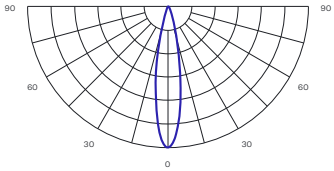
	Center Beam(fc)	Beam Diameter(ft)
33.3ft	89.7	4.9
66.7ft	22.3	9.8
100ft	9.94	4.7
133.3ft	5.56	19.6
166.7ft	3.58	24.5
200ft	2.49	29.4

15°



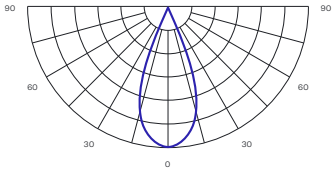
	Center Beam(fc)	Beam Diameter(ft)
33.3ft	40.6	8.3
66.7ft	10.1	16.5
100ft	4.5	24.8
133.3ft	2.63	33.1
166.7ft	1.62	41.4
200ft	1.13	49.6

25°



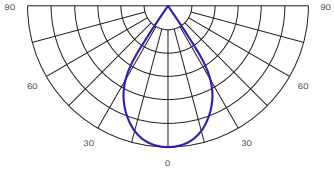
	Center Beam(fc)	Beam Diameter(ft)
16.3ft	54	6.5
33.3ft	13.6	12.9
50ft	6.02	19.3
66.7ft	3.38	25.89
83.3ft	2.17	32.2
100ft	1.51	38.6

40°



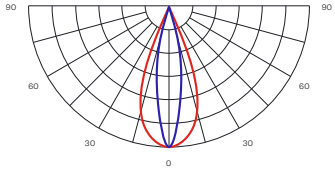
	Center Beam(fc)	Beam Diameter(ft)
16.7ft	30.6	1.7
33.3ft	7.68	21.3
50ft	3.41	32
66.7ft	1.92	42.8
83.3ft	1.23	53.4
100ft	0.85	64.1

60°



	Center Beam(fc)	Beam Diameter(ft)
8.3ft	61.2	8.7
16.7ft	15.1	17.5
25ft	6.75	26.3
33.3ft	3.8	35
41.7ft	2.43	43.8
50ft	1.69	52.5

20x40°



	Center Beam(fc)	Beam Diameter(ft)
8.3ft	62.3	3.9/6.5
16.7ft	15.4	7.9/13.1
25ft	8.67	11.9/19.6
33.3ft	3.87	15.8/26
41.7ft	2.47	19.8/32.6
50ft	1.72	23.7/39.1

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

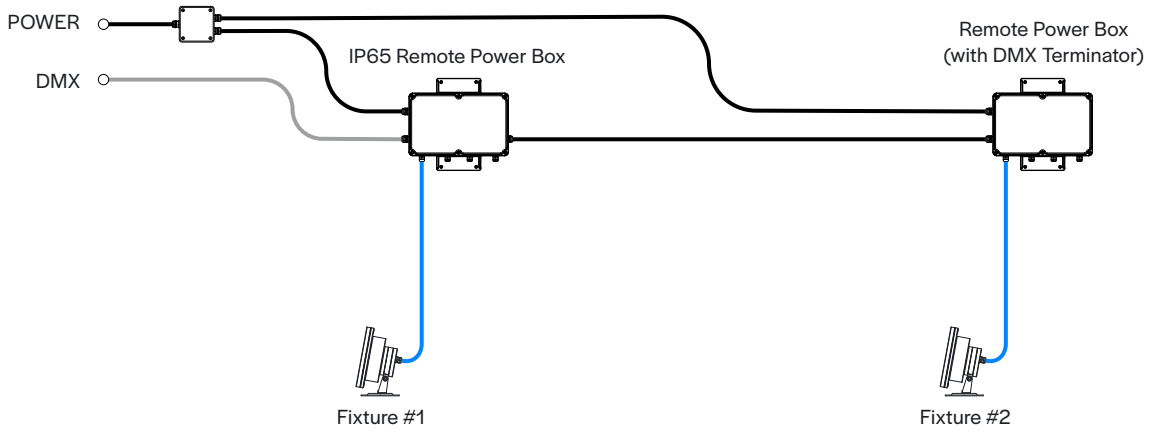
COMPATIBLE DMX CABLING

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.

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CONNECTION

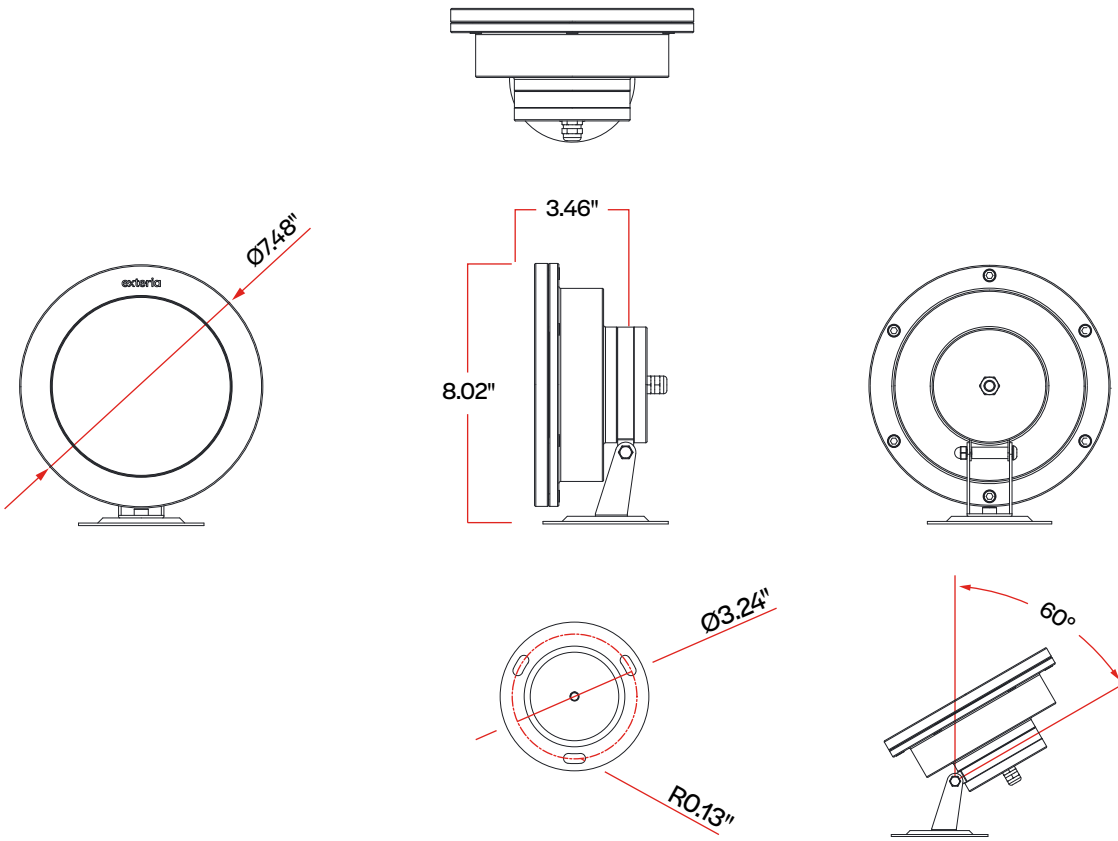
* This diagram is for illustrative purposes only. All installations must comply with applicable electrical codes and safety standards. Follow NEC requirements and consult a qualified professional for proper implementation.



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

DIMENSIONS

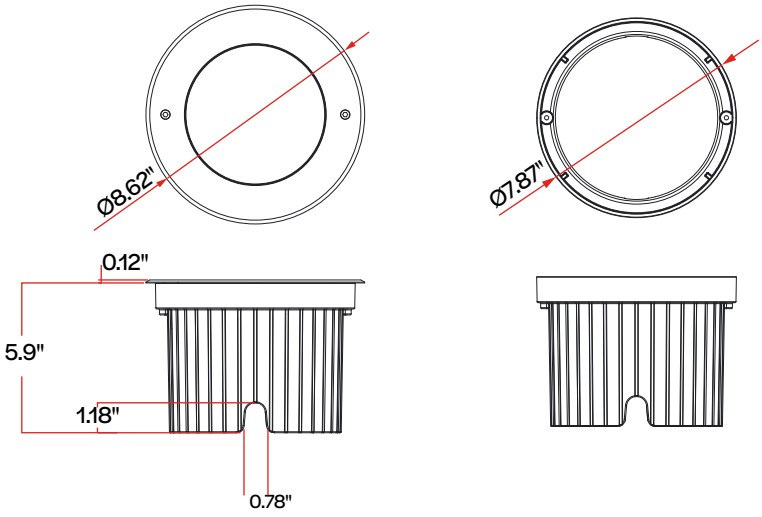
ADJUSTABLE SURFACE MOUNT



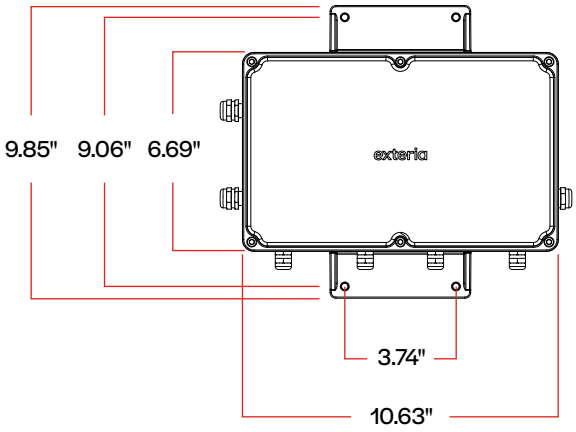
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DIMENSIONS

INGRADE



REMOTE POWER BOX



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

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