exteria

HueCraft Submersible 8

HueCraft HS8/RGBW

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



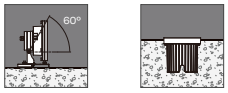
RGB + 3000K

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	1,568.4 lm (40°)
Beam Angle	10°, 15°, 25°, 40°, 60°, 20°x40°
Colors	RGB + 3000K
Color Rendering	CRI 85+
Lumen Maintenance	Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 65,000 Hrs

CONTROL

Control	4 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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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	C308	UNV	DMX	
MODEL	**WATTAGE**	**CCT / CRI**	**VOLTAGE**	**DIMMING**	**OPTIC**
HS8 HueCraft Submersible 8”	**45** 45W	**C308** RGBW (3000K + RGB) / CRI85	**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°	Red	221.9 lm
	Green	644.8 lm
	Blue	184.1 lm
	White	484.9 lm
	Full On	1,282.8 lm
15°	Red	219.7 lm
	Green	546.1 lm
	Blue	152.3 lm
	White	427.2 lm
	Full On	1,269.9 lm
25°	Red	216.6 lm
	Green	538.4 lm
	Blue	150.1 lm
	White	421.2 lm
	Full On	1,252.1 lm
40°	Red	271.4 lm
	Green	674.5 lm
	Blue	188 lm
	White	527.6 lm
	Full On	1,568.4 lm
60°	Red	213.8 lm
	Green	531.4 lm
	Blue	148.2 lm
	White	415.7 lm
	Full On	1,235.8 lm
20x40°	Red	121.7 lm
	Green	302.5 lm
	Blue	84.3 lm
	White	236.7 lm
	Full On	703.5 lm

Note: Tolerance ±10%

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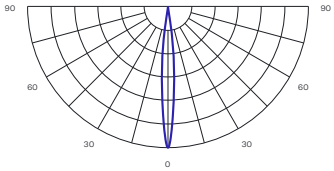
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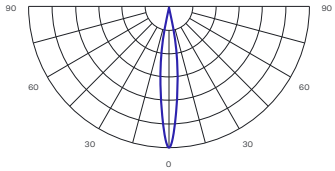
PHOTOMETRICS

10°



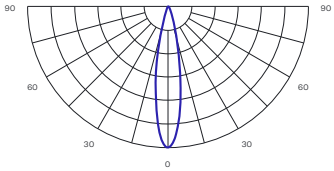
	Center Beam(fc)	Beam Diameter(ft)
16.7ft	53.5	3.4
33.3ft	13.5	6.9
50ft	2.99	10.3
66.7ft	3.37	13.7
83.3ft	2.16	17.2
100ft	1.5	20.6

15°



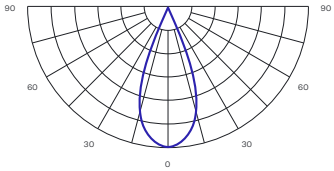
	Center Beam(fc)	Beam Diameter(ft)
16.7ft	30.8	4.7
33.3ft	7.74	9.5
50ft	3.44	14.2
66.7ft	1.93	18.9
83.3ft	1.24	23.6
100ft	0.86	28.4

25°



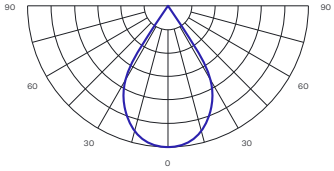
	Center Beam(fc)	Beam Diameter(ft)
8.3ft	75.1	3.2
16.7ft	18.6	6.5
25ft	8.28	9.7
33.3ft	4.67	12.9
41.7ft	2.98	16.1
50ft	2.07	19.3

40°



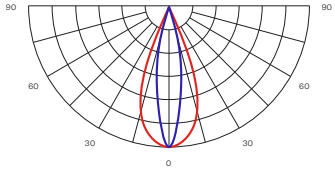
	Center Beam(fc)	Beam Diameter(ft)
8.3ft	43.2	6.5
16.7ft	10.7	13
25ft	4.77	19.5
33.3ft	2.69	25.9
41.7ft	1.71	32.4
50ft	1.19	38.9

60°



	Center Beam(fc)	Beam Diameter(ft)
8.3ft	20.5	8.7
16.7ft	5.07	17.5
25ft	2.26	26.3
33.3ft	1.27	35
41.7ft	0.81	43.8
50ft	0.57	52.5

20x40°



	Center Beam(fc)	Beam Diameter(ft)
8.3ft	20.9	3.9/6.5
16.7ft	5.16	7.9/13.4
25ft	2.3	11.9/49.6
33.3ft	1.3	15.8/26
41.7ft	0.83	19.8/32.6
50ft	0.58	23.7/39.1

DMX CHART

The HueCraft Submersible 8 fixture is a four 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	Red Control (ex. X)	Green Control (ex. X+1)	Blue Control (ex. X+2)	White (ex. X+3)
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

COMPATIBLE DMX CABLING

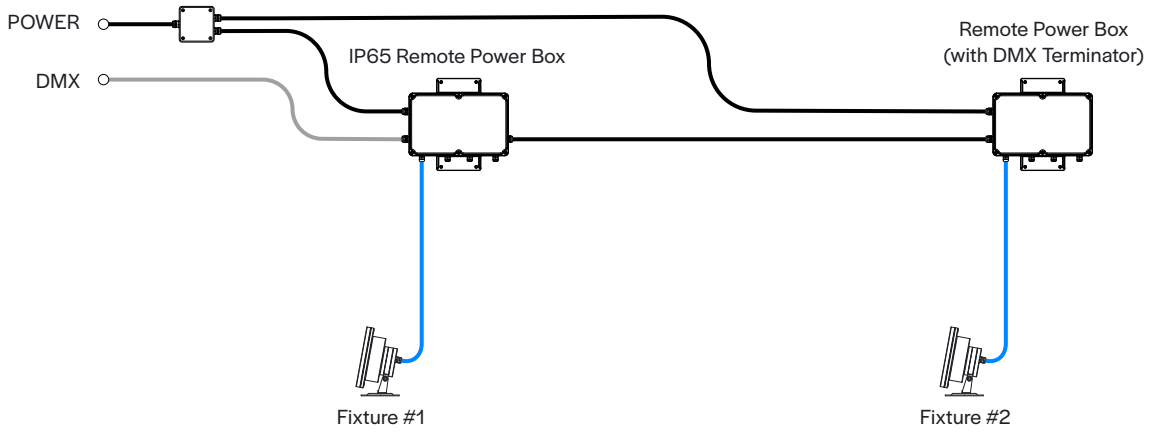
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable must not be used to carry DMX. We recommend the use of Belden 9729 or Belden 9841 for DMX installation. 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

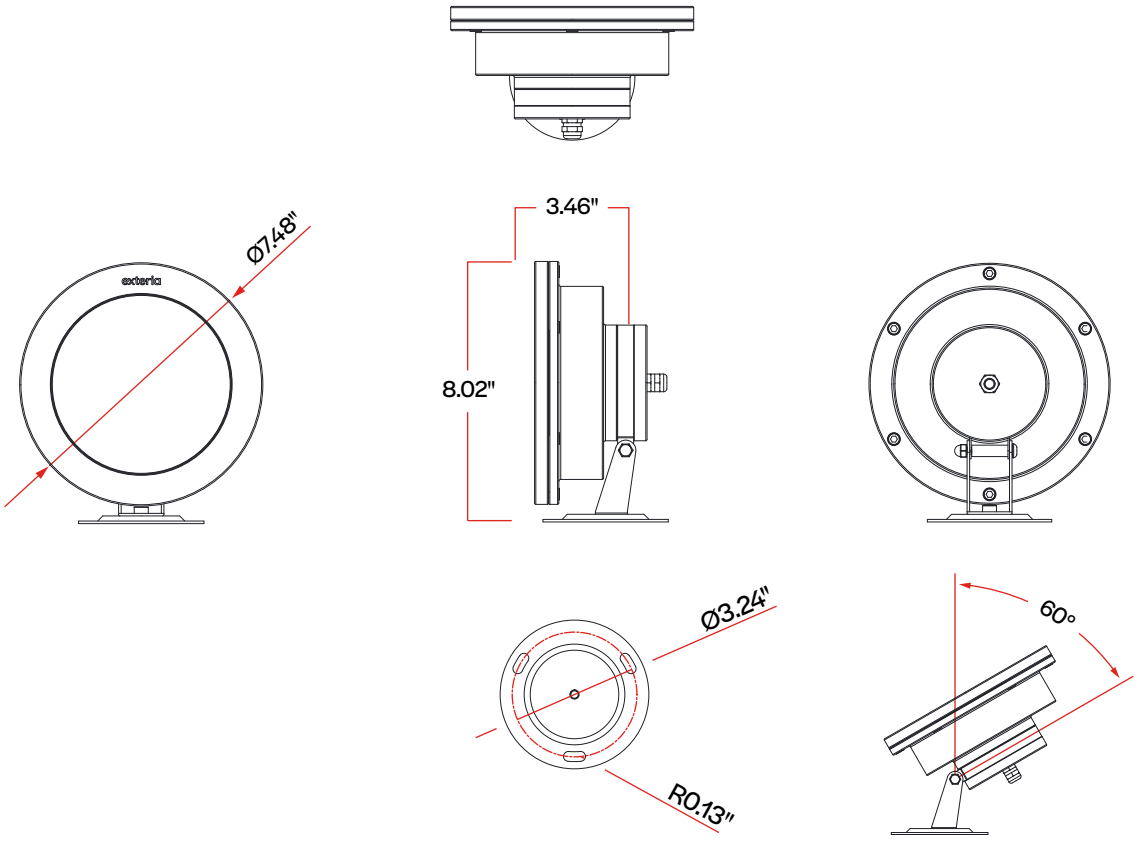
* This diagram is for illustrative purposes only. All installations must comply with applicable electrical codes and safety standards. Follow NEC requirements and consult a qualified professional for proper implementation.



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

DIMENSIONS

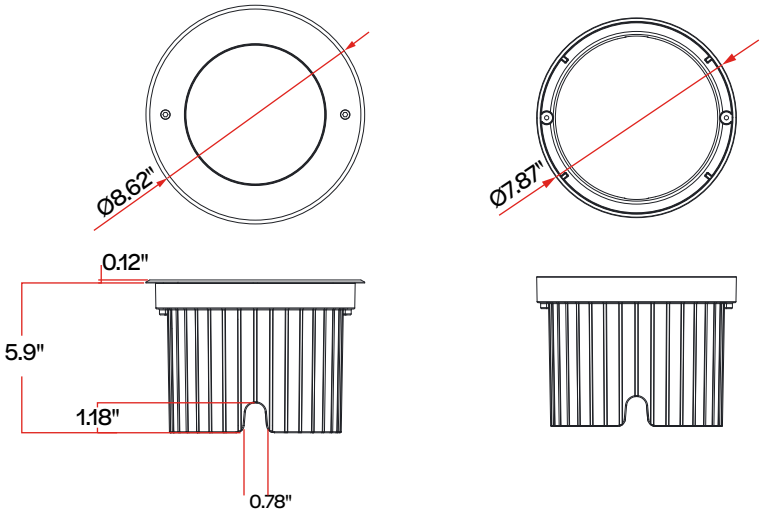
ADJUSTABLE SURFACE MOUNT



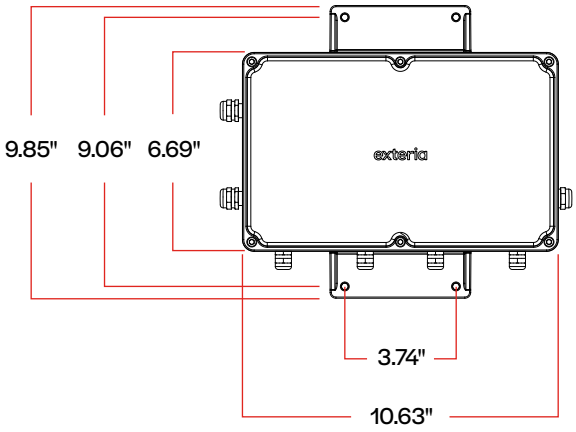
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DIMENSIONS

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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