exteria

HueCraft Submersible 6

HueCraft HS6/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



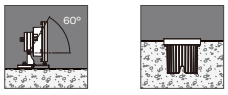
RGB+3000K

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

HueCraft Submersible 6

ELECTRICAL

Power Input	25W | 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: 5.91" × 3.46" × 6.28", ø5.91" Ingrade: ø6.69" × 5.90"
Weight	6.2 lbs / 2.8 kg
Adjustability	Tiltable 60°, Rotation 0 - 350°
Mounting	Adjustable Surface Mount, Ingrade

PHOTOMETRIC PERFORMANCE

Lumen Output	777 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 up to 3 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 (Fixture Body), CE, FCC

WARRANTY

Warranty	5-year limited warranty

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HueCraft HS6/RGBW

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.

MODEL	WATTAGE	CCT / CRI	VOLTAGE	DIMMING	OPTIC
HS6	25	C308	UNV	DMX	
HS6 HueCraft Submersible 6”	**25** 25W, Ø6”	**C308** RGBW (RGB+3000K)	**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°

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

CATALOG - REMOTE POWER BOX

REMOTE POWER BOX

MODEL	OUTPUT PORT	OPTION
HSR4		
HSR4 HueCraft Submersible Remote Power Box (4ch)	**1P** 1 Port **2P** 2 Ports **3P** 3 Ports	**NON** No Terminator **DMXT** DMX Terminator Included

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PERFORMANCE

	COLOR	LUMEN
10°	Red	110.8 lm
	Green	321.9 lm
	Blue	92.9 lm
	White	242.1 lm
	Full On	640.4 lm
15°	Red	108.7 lm
	Green	270.2 lm
	Blue	75.3 lm
	White	211.4 lm
	Full On	628.4 lm
25°	Red	108.3 lm
	Green	269.2 lm
	Blue	75.1 lm
	White	210.6 lm
	Full On	626.1 lm
40°	Red	134.5 lm
	Green	334.3 lm
	Blue	93.2 lm
	White	261.5 lm
	Full On	777.4 lm
60°	Red	129.5 lm
	Green	291.6 lm
	Blue	81.3 lm
	White	228.1 lm
	Full On	678.1 lm
20x40°	Red	71.8 lm
	Green	178.5 lm
	Blue	49.8 lm
	White	139.6 lm
	Full On	415.1 lm

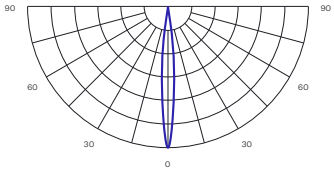
Note: Tolerance ±10%

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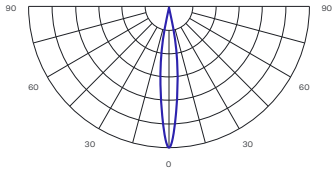
PHOTOMETRICS

10°



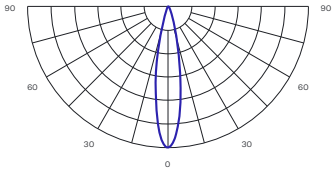
	Center Beam(fc)	Beam Diameter(ft)
8.3ft	109	1.7
16.7ft	26.8	3.4
25ft	12	5.1
33.3ft	6.74	6.9
41.7ft	4.3	8.6
50ft	2.99	10.3

15°



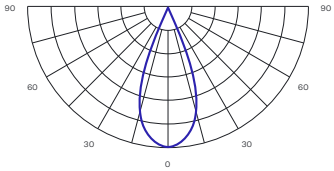
	Center Beam(fc)	Beam Diameter(ft)
8.3ft	61.7	2.4
16.7ft	15.2	4.7
25ft	6.8	7.1
33.3ft	3.83	9.5
41.7ft	2.74	11.8
50ft	1.7	14.2

25°



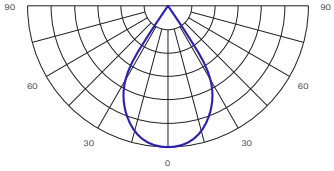
	Center Beam(fc)	Beam Diameter(ft)
8.3ft	37.6	3.2
16.7ft	9.28	6
25ft	4.14	9.7
33.3ft	2.33	12.9
41.7ft	1.49	16.1
50ft	1.04	19.3

40°



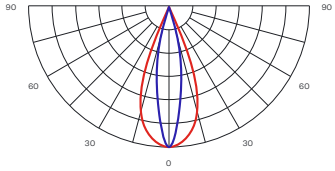
	Center Beam(fc)	Beam Diameter(ft)
5ft	59.1	3.9
10ft	14.8	7.8
15ft	6.5	11.7
20ft	3.69	15.6
25ft	2.36	19.5
30ft	1.64	23.3

60°



	Center Beam(fc)	Beam Diameter(ft)
5ft	28.1	5.3
10ft	7.02	10.6
15ft	3.12	15.9
20ft	1.75	21.2
25ft	1.12	26.5
30ft	0.78	31.8

20x40°



	Center Beam(fc)	Beam Diameter(ft)
5ft	33.9	2.4/3.9
10ft	8.49	4.7/7.8
15ft	3.77	7.1/11.7
20ft	2.12	9.5/15.6
25ft	1.36	11.9/19.6
30ft	0.94	14.2/23.5

DMX CHART

The HueCraft Submersible 6 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

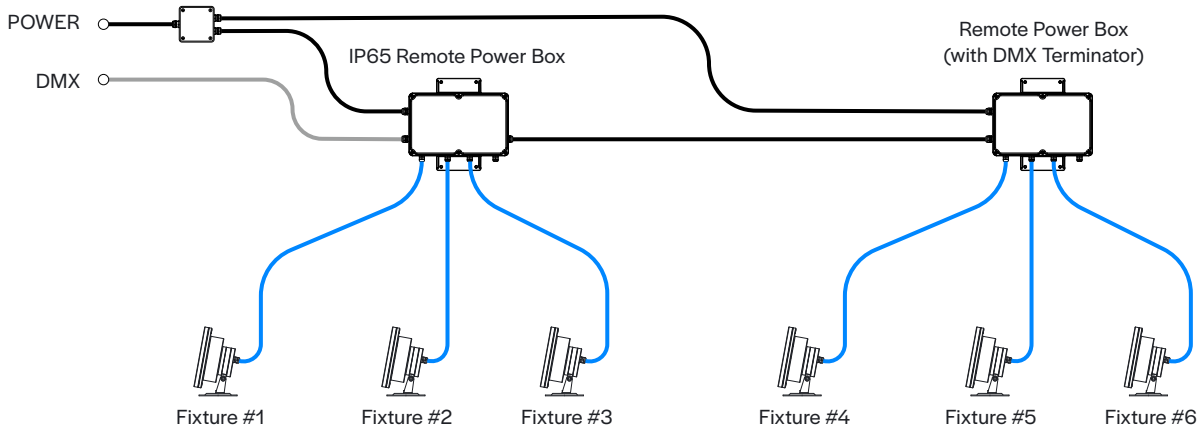
COMPATIBLE DMX CABLING

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

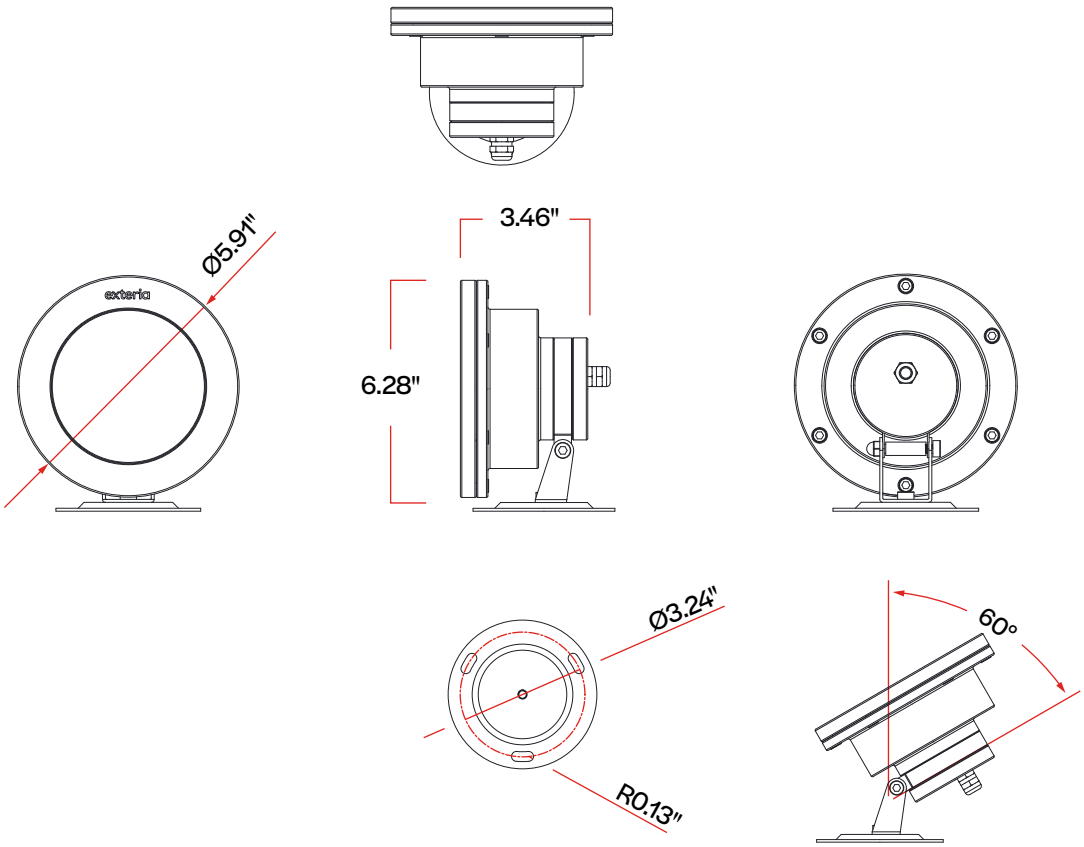
* This diagram is for illustrative purposes only. All installations must comply with applicable electrical codes and safety standards. Follow NEC requirements and consult a qualified professional for proper implementation.



Note:
- Maximum fixtures per remote power box: 3 fixtures
- Maximum fixtures per daisy chain: 32 fixtures

DIMENSIONS

ADJUSTABLE SURFACE MOUNT

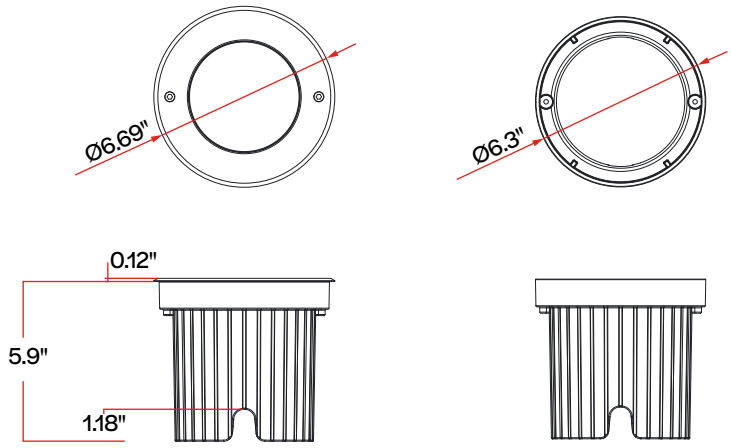


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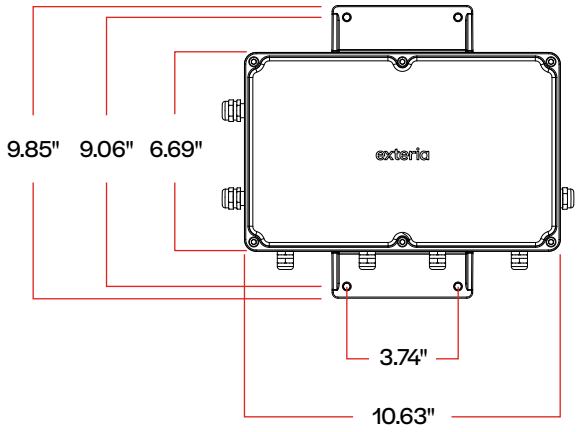
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DIMENSIONS

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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