

Underwater Spot Light 24V 3W RGB

Job Name: _____

Distributor: _____

Type: _____

SPECIFICATIONS



Model No.	VBD-B5AF0106-RGB
Input Voltage	24V
Wattage	3W
Light Source	1x3W LED
Color Temperature	RGB 3 in 1
Beam Angle	20°
Housing	Molding shaped sus 316# stainless steel
Housing Glass	Tempered Glass T=5mm
Waterproof Seal	EPDM gasket
Operating Temperature	Temperature of water between -20°C -40°C, less than 1m depth
Cable Gland	IP68 M1 6a copper with nickel-coated
IP Rating	IP68 (Waterproof)
IK Rating	IK06
Dimensions	Diameter: 60mm (2.36") Height: 128mm (5") Depth: 102.60mm (4")
Cable Size	Length: 3m (118.11") Diameter: 8mm (0.31")
Certification	ETL/CE

FEATURES

- This special product is completely restricted to submersible application.
- Applications include pool decoration, fountains, water falls, small aquariums, etc.

ACCESSORIES (Sold Separately)



**3 Way PC Waterproof
Junction Box**

Model: 3W-JB-M686

SKU: 666561434182

T Shape Connector



**3 Way Outdoor Screw Type
Connector 4 Contact RGB**

Model: 3W-2C-SC-RGB

SKU: 666561417345

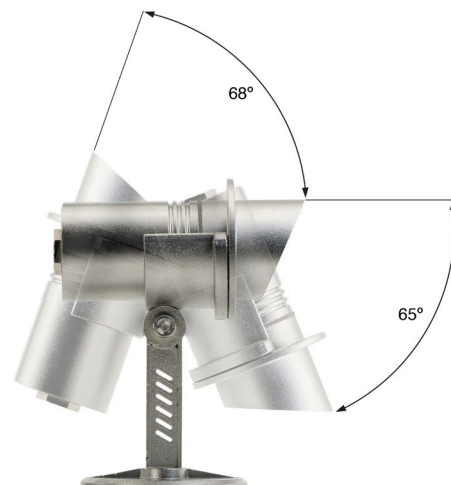
Y Shape Connector



**3 Way Outdoor Screw Type
Connector 4 Contact RGB**

Model: 3W-YC-RGB-M684

SKU: 666561434199



SKU: 666561414801

Light efficiency:

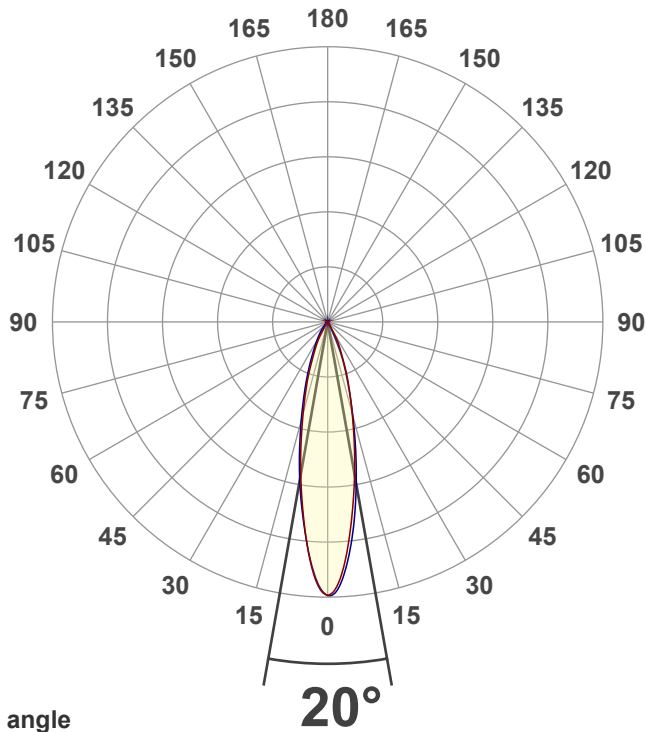
28 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

0 K



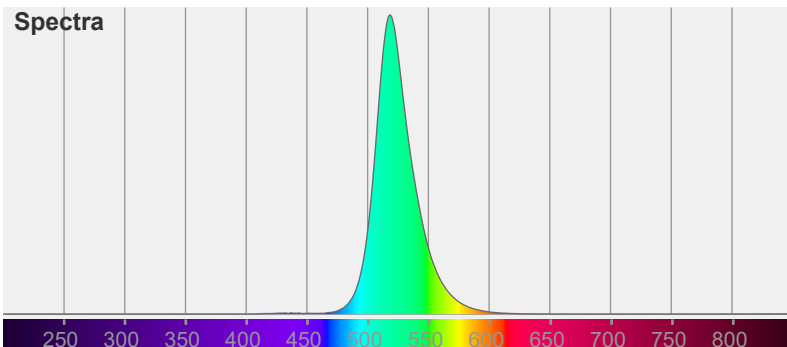
Beam angle

Color



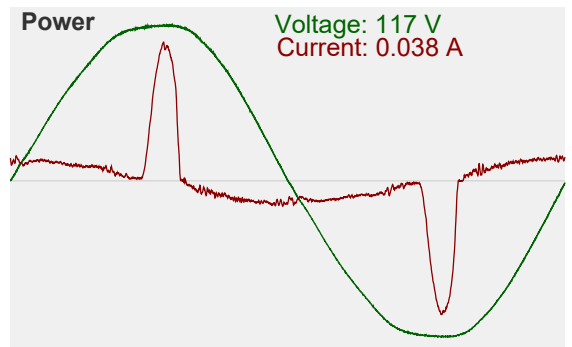
CIE1931
x: 0.162
y: 0.729

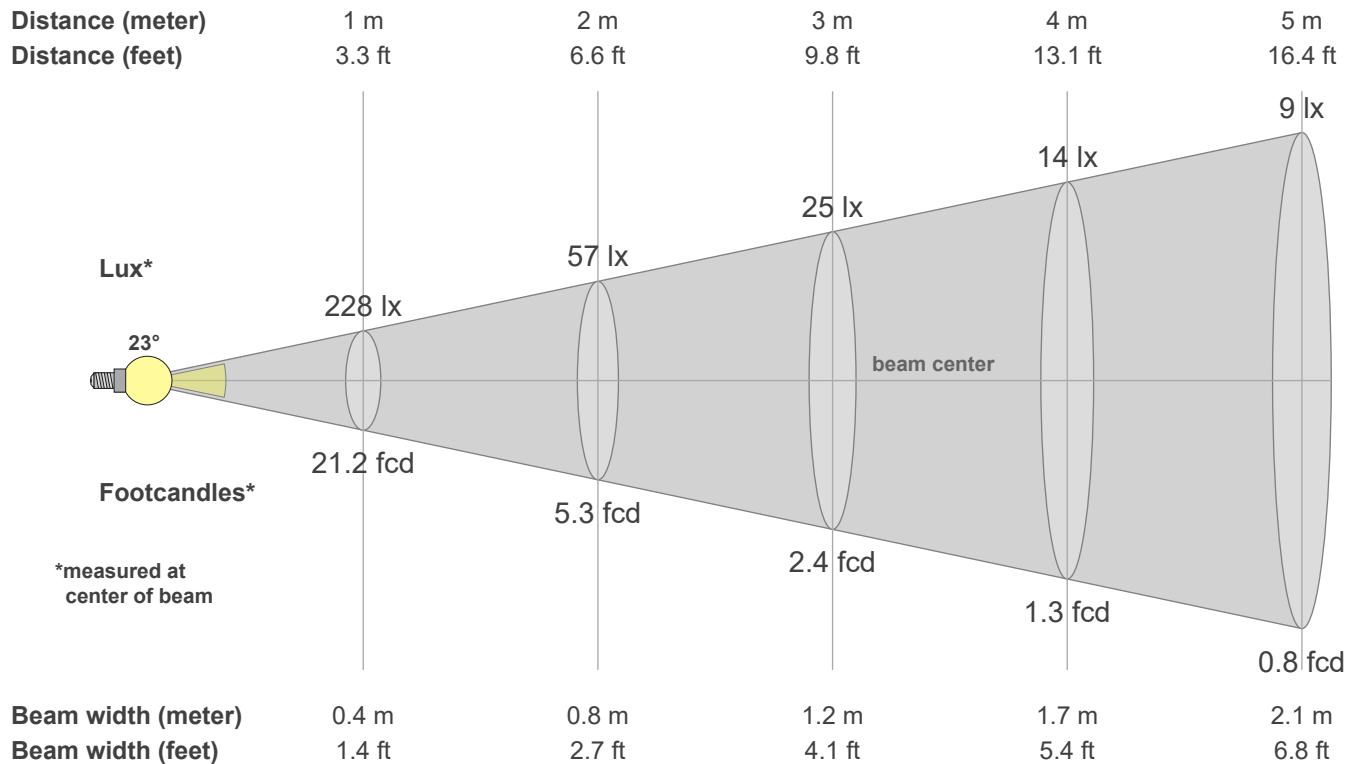
Spectra



Power

Voltage: 117 V
Current: 0.038 A





Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
228	221	202	178	153	130	108	88	71	58	46	35	27	21	15	7	4	3	3	3
100%	97%	89%	78%	67%	57%	47%	39%	31%	25%	20%	15%	12%	9%	7%	3%	2%	1%	1%	1%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
228	224	208	187	162	137	113	91	72	56	43	32	19	7	3	2	1	1	1	1
100%	98%	91%	82%	71%	60%	50%	40%	32%	24%	19%	14%	8%	3%	1%	1%	1%	1%	0%	0%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
228	221	202	178	153	130	108	88	71	58	46	35	27	21	15	7	4	3	3	3
100%	97%	89%	78%	67%	57%	47%	39%	31%	25%	20%	15%	12%	9%	7%	3%	2%	1%	1%	1%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
228	219	201	178	156	134	113	94	78	63	52	42	34	27	22	18	15	12	10	7
100%	96%	88%	78%	68%	59%	50%	41%	34%	28%	23%	18%	15%	12%	10%	8%	7%	5%	4%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23.3°	51.0°	63.7°	99.5%	97.4%