

B10W Marine

Surface mount underwater light



Technical Specifications



EnabledLED
Licensing Program for LED
Luminaires and Retrofit Bulbs

Member
AQUA IDEA Ltd.



CLASS III III 12 VAC CE RoHS IP68 20M

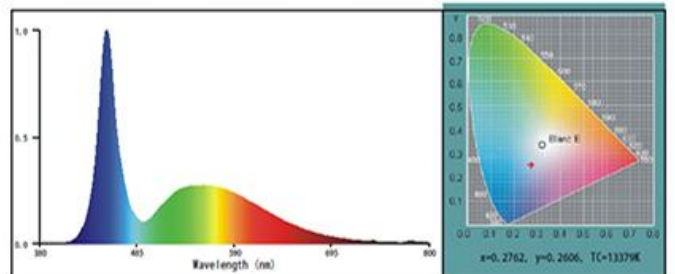
Model no	B10W
LED colour	White/ Blue / Green / WiFi RGB
LED Type	6pcs high power BRIDGELUX / Epistar LED
Material	Epoxy Resin/ PA-body /Tempered Glass- Lens
Protection class	IPX8 20M standard / Rohs / CE / IEC60598
Dimension	210L x 80W x 30H (mm)
Power	10W for single colour 12V AC/DC 7W for RGB model 12V DC only
Cord Length	2M
Light Angle	Spot : 60-90 degree/Wide: 100-120 degree
Illumination	600lm-900lm
Mounting	Screw mounting
Accessories	User's manual x 1 / Stainless steel screw x 2 Heat-Shrink tubing kits x 1
RGB 4Pin cable	Controlled by Wifi / DMX work with Alexa, Google Home , Smart Life , Tuya
Environment	Boat / Jet Ski / Dock / Yacht
Working period	8hr per day
Package	20pcs / 17KG / 0.04cbm per carton
Warranty	Two Year
Boat Size	Up to 15M (50ft)
Transom	0.5 -1.2M (2-4ft)
Transom Qty	2-4pcs

Product information:

Product model: B10W CW	Test time: 2019-10-09 15:53:04
Product number:	Environment humidity: 65.0 %
Production merchant: AquaIDEA	Environment Temperature: 0.0 °C
Tester: Willson	Verification: ----
Test system: Huzhou Sinopoli SPL720 Spectral analysis system	

CIE Parameter:

Coordinate: x=0.2762, y=0.2606	CCT: Tc=13379 K	Purity: Purity=26.9%		
u' = 0.1982, v' = 0.4207	Main Wave: λd=471.1nm	Peak Wave: λp=452nm		
Half Width: Δλd=21.5nm	Red Ratio: R=12.2%	Chromatism : SOCM=0.0		
Color rendering property : Ra=81.5				
R1=85	R2=84	R3=74	R4=87	R5=82
R6=72	R7=90	R8=78	R9=44	R10=56
R11=83	R12=42	R13=85	R14=85	R15=92



Other parameters:

Flux: Φ=621.54 Lm	Efficiency: Effi=51.8 Lm/W	Stability: %=0.02 %
Voltage: VF=12.00 V	Current: IF=1.000 A	Power: P=12.000 W
Power factor: PF=1.000		

Please note: Fixture Lumens rating is a measurement of total light output from a finished lighting fixture. This measurement can only be obtained from either a Goniophotometer or an integrating sphere.