

B3W / B3WX Marine

LED Retrofit Bung Underwater Light



Technical Specifications



EnabledLED
Licensing Program for LED
Luminaires and Retrofit Bulbs

Member
AQUA IDEA Ltd.



CE RoHS IP68 5M

Model no	B3W / B3WX
LED colour	White/ Blue / Green
LED Type	1pcs high power COB LED
Material	Epoxy Resin/ PA-body / Tempered Glass
Protection class	IPX8 5M standard / Rohs / CE / IEC60598
Dimension	B3W-85x55x23mm B3WX -100x65x23mm
Power	3W for single colour 12V DC only
Cord Length	2M
Light Angle	Spot : 60-90 degree
Illumination	250lm -500lm
Mounting	B3W Suits 25mm Cut Out Bung B3WX Suit 40mm Cut Out Bung
Accessories	B3W Stainless steel screw x 2 Heat-Shrink tube kits x 1set B3WX Stainless steel screw x 4 Heat-Shrink tube kits x 1set
Environment	Boats / Inflatable Boats / Tinnies / RunABOUTS / Jet Skis / Fishing Boats
Working period	4hr per day
Package	10pcs / 3.5KG / 0.02cbm per carton
Warranty	One Year

Product information:

Product model: B3W/B3WX
Product number: Coolwhite
Production merchant: AquaIDEA
Tester: Willison
Test system: Huzhou Sinopol SPL720 Spectral analysis system

Test time: 2020-10-30 10:05:19
Environment humidity: 65.0 %
Environment Temperature: 0.0 °C
Verification: ----

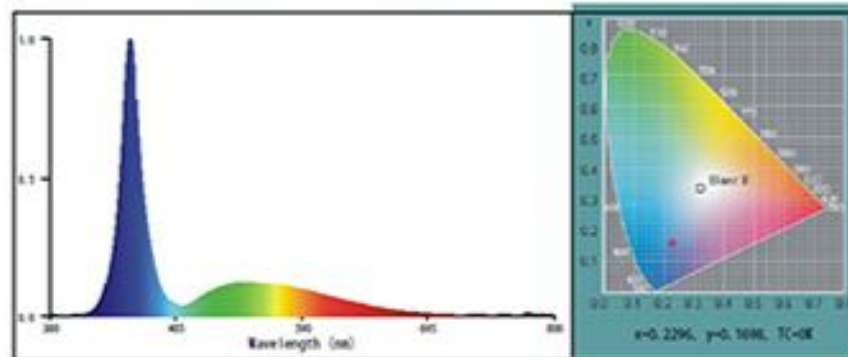
CIE Parameter:

Coordinate: $x=0.2296, y=0.1698$
 $u' = 0.2006, v' = 0.3338$
Half Width: $\Delta \lambda d = 17.8nm$
Color rendering property : $Ra = 52.0$

CCT: $Tc = 0 K$
Main Wave: $\lambda d = 461.2nm$
Red Ratio: $R = 10.8%$

Purity: Purity = 54.2%
Peak Wave: $\lambda p = 446nm$
Chromatism : $SOc = 0.0$

R1=87 R2=116 R3=169 R4=9 R5=33
R6=111 R7=83 R8=17 R9=95 R10=575
R11=211 R12=208 R13=319 R14=196 R15=79



Other parameters:

Flux: $\Phi = 266.91 Lm$
Voltage: $V = 12.00 V$
Power factor: $PF = 1.000$

Efficiency: $Eff = 86.1 Lm/W$
Current: $I = 0.260 A$
Stability: $\eta = 0.10 \%$
Power: $P = 3.100 W$

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.