

# BP 150 Rechargeable Battery operated underwater pool lights

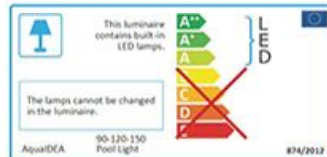


## Technical Specifications



EnabledLED  
Licensing Program for LED  
Luminaires and Retrofit Bulbs

Member  
AQUA IDEA Ltd.



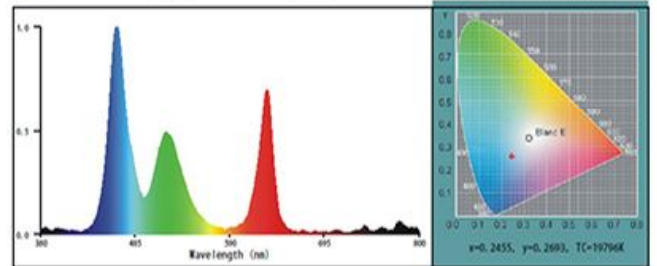
Model no	BP150
LED colour	RGB
LED Type	18pcs 5050 SMD Epistar Taiwan RGB LED
Material	Epoxy Resin / ABS-body
Protection class	IPX8 / Rohs / CE / IEC60598
Dimension	Ø 110 x 45H (mm)
Power	2W 45mA
Battery type	3x AA size battery / rechargeable battery
Light Angle	120-150 degree
Illumination	100lm
Mounting	Magnetic
Accessories	User's manual x 1 Mini USB cable x 1 Adhesive magnetic disc x 2 Silicone Gluex 1 ( Optional : 1000mA Rechargeable battery)
RGB Program	Preset 8 Single colour and 2 RGB modes controlled by " Hit or Shake " motion
Environment	Jacuzzi / Camping / Up ground pools Concrete - Vinyl liner - Fibreglass pools
Package	40pcs / 15KG / 0.04cbm per carton
Warranty	One Year

### Product information:

Product model:BP150 CW	Test time:2019-10-09 09:53:18
Product number:	Environment humidity:65.0 %
Production merchant:AquaIDEA	Environment Temperature:0.0 °C
Tester:Willison	Verification:---
Test system:Huzhou Sinopol SPL720 Spectral analysis system	

### CIE Parameter:

Coordinate: x=0.2455, y=0.2693	CCT:TC=19796 K	Purity: Purity=35.3%		
u' =0.1711, v' =0.4222	Main Wave: λd=481.6nm	Peak Wave: λp=464nm		
Half Width: Δλd=21.8nm	Red Ratio: R=19.6%	Chromatism : SDCM=0.0		
Color rendering property :Ra=57.1				
R1=45	R2=67	R3=78	R4=64	R5=66
R6=66	R7=59	R8=12	R9=175	R10=27
R11=58	R12=64	R13=46	R14=83	R15=27



### Other parameters:

Flux: Φ=88.81 Lm	Efficiency:Eff=2.5 Lm/W	Stability:η=0.03 %
Voltage:VF=	Current:IF=	Power:P=
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.