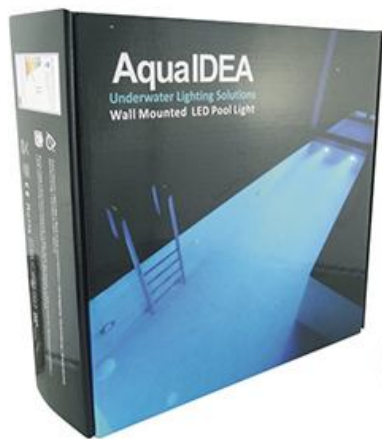


# PA 150 Surface Mount underwater pool lights

Design for Australia



## Technical Specifications



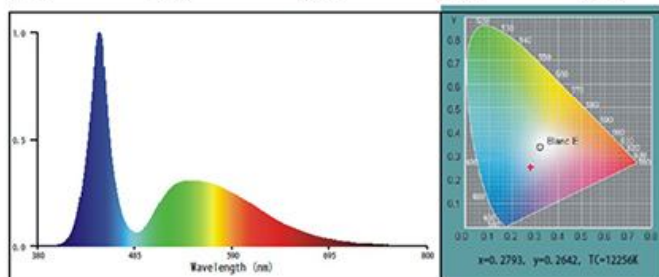
Model no	PA 150
LED colour	White / Warm White/ Green / Blue / RGB
LED Type	1pcs Super Bright COB LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / SAA / IEC60598
Dimension	240L x 240W x 67H (mm)
Power	20W for single colour / 15W for RGB model 12V-24V AC/DC
Terminal	Screw Terminal
Light Angle	120-150 degree
Illumination	1500lm
Mounting Parts	Retrofit mounting bracket
Accessories	Stainless steel screw x 5 User's manual x 1 Silicone Grease & water seal kits x 1set
RGB-2Pin cable	Preset 11 colour changing program controlled by Power On/Off switch
RGB 4Pin cable	Controlled by Wifi / DMX work with Alexa, Google Home , Smart Life , Tuya
Environment	Concrete pools / Fibreglass pools
Working period	8hr per day
Package	20pcs / 23KG / 0.14cbm per carton
Warranty	Two Year

### Product information:

Product model: PA150 CW	Test time: 2019-10-09 12:58:59
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=0.2793, y=0.2642	CCT: Tc=12256 K	Purity: Purity=25.5%		
u' = 0.1991, v' = 0.4237	Main Wave: λd=471.0nm	Peak Wave: λp=446nm		
Half Width: Δλd=22.5nm	Red Ratio: R=11.8%	Chromatism : SDCM=0.0		
Color rendering property : Ra=74.1				
R1=81	R2=73	R3=59	R4=80	R5=81
R6=63	R7=78	R8=78	R9=24	R10=29
R11=83	R12=41	R13=77	R14=76	R15=84



### Other parameters:

Flux: Φ=1422.52 Lm	Efficiency: Effi=51.5 Lm/W	Stability: %=0.08 %
Voltage: VF=12.00 V	Current: IF=2.300 A	Power: P=27.600 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.