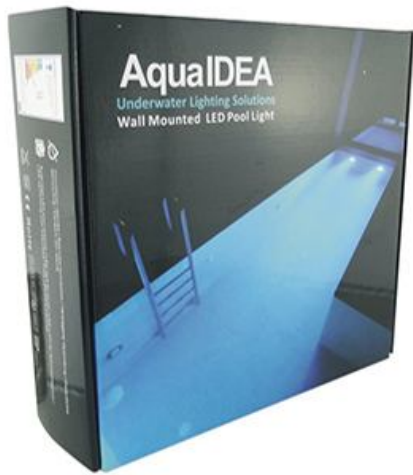


P150 Surface Mount underwater pool lights



Technical Specifications



CLASS III III 12 VAC CE RoHS IP68 5M

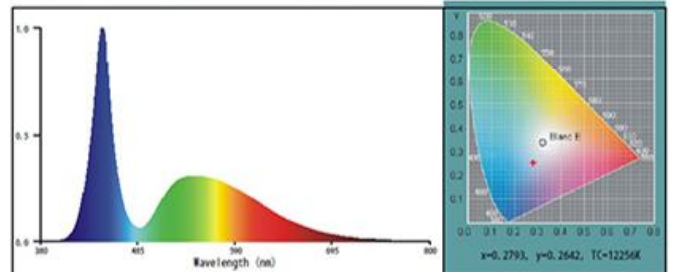
Model no	P150
LED colour	White / Warm White / Green / Blue / RGB
LED Type	1pcs Super Bright COB LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/Rohs / CE / IEC60598
Dimension	250L x 250W x 50H (mm)
Power	25W for single colour / 20W for RGB model 12V-24V AC/DC
Cord Length	2M
Light Angle	120-150 degree
Illumination	1500lm
Mounting Parts	Retrofit mounting bracket
Accessories	Stainless steel screw x 5 User's manual x 1 Heat-Shrink tubing kits x 1
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
Working period	8hr per day
Package	20pcs / 23KG / 0.14cbm per carton
Warranty	Two Year

Product information:

Product model:P150 CW	Test time:2019-10-09 12:59:20
Product number:	Environment humidity:65.0 %
Production merchant:AquaIDEA	Environment Temperature:0.0 °C
Tester:Willson	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=1414.54 Lm	Efficiency:EffI=51.3 Lm/W	Stability:η=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.