

PAR150 PAR56 Replacement

underwater pool lights



Technical Specifications



CLASS III III 12 VAC CE RoHS IP68 5M

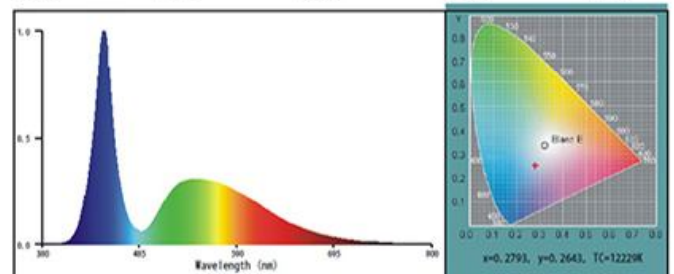
Model no	PAR150
LED colour	White / Warm White / Green / Blue / RGB
LED Type	1pcs Super Bright COB LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/Rohs / CE / IEC60598
Dimension	Ø175 x 100H (mm)
Power	25W for single colour / 20W for RGB model 12V-24V AC/DC
Cord Length	2M
Light Angle	120-150 degree
Illumination	1500lm
Mounting	PAR56 lamp compatible
Accessories	Stainless Steel mounting clamp & screw x 4 User's manual x 1 / Silicone grease x 1 Stainless steel screw x 10 / Cable gland x 1 3 different size cable seal kits x 1
RGB-2Pin cable	Preset 11 colour changing program controlled by Power On/Off switch
Environment	Concrete / Fibreglass/Vinyl liner pools
Working period	8hr per day
Package	20pcs / 20KG / 0.07cbm per carton
Warranty	Two Year

Product information:

Product model: PAR150 CW	Test time: 2019-10-09 12:58:31
Product number:	Environment humidity: 65.0 %
Production merchant: AquaIDEA	Environment Temperature: 0.0 °C
Tester: Millison	Verification: ----
Test system: Huzhou Sinopol SPL720 Spectral analysis system	

CIE Parameter:

Coordinate: x=0.2793, y=0.2643	CCT: Tc=12229 K	Purity: Purity=25.5%		
u'=0.1991, v'=0.4238	Main Wave: λd=471.0nm	Peak Wave: λp=446nm		
Half Width: Δλd=22.2nm	Red Ratio: R=11.8%	Chromatism : SDCM=0.0		
Color rendering property : Ra=74.0				
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=1437.04 Lm	Efficiency: EffI=52.1 Lm/W	Stability: %=0.10 %
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.