

SP 150

1.5" Vacuum fitting underwater pool lights



Optional Parts : Fibreglass and concrete plastic niche

Technical Specifications



Enabled
Licensing Program for LED
Luminaire and Retrofit Bulbs

Member
AQUA IDEA Ltd.



CLASS III III 12 VAC CE RoHS IP68 5M X E

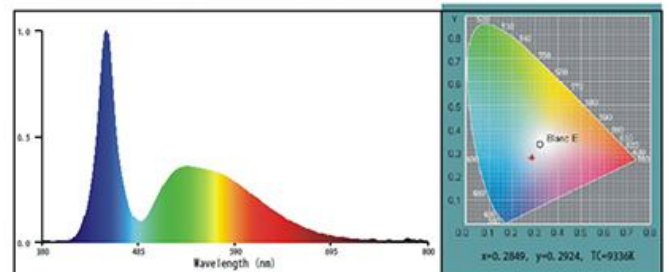
Model no	SP150
LED colour	White / Warm White / Green / Blue / RGB
LED Type	30pcs 5050 SMD Epistar Taiwan LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / IEC60598
Dimension	\varnothing 110 x 80H (mm)
Power	5W for single colour / 4W for RGB model 12V AC/DC
Cord Length	2M
Light Angle	120-150 degree
Illumination	500lm
Mounting	Screw into 1.5" vacuum fitting
Rim colour	White / Grey / Blue / Black / OEM :MOQ500
Accessories	User's manual x 1 / Silicon rim 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 / Fibreglass / Vinyl liner pools
Working period	8hr per day
Package	48pcs / 18KG / 0.07bm per carton
Warranty	Two Year

Product information:

Product model: SP150 CW	Test time: 2019-10-09 09:55:12
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: $x=0.2849, y=0.2924$	CCT: $T_c=9336$ K	Purity: Purity=20.1%		
$u' = 0.1919, v' = 0.4431$	Main Wave: $\lambda_d=479.7$ nm	Peak Wave: $\lambda_p=450$ nm		
Half Width: $\Delta \lambda_d=20.5$ nm	Red Ratio: R=11.1%	Chromatism : SDCM=0.0		
Color rendering property : Ra=75.6				
R1=76	R2=77	R3=74	R4=78	R5=77
R6=69	R7=84	R8=71	R9=-6	R10=42
R11=77	R12=41	R13=76	R14=85	R15=74



Other parameters:

Flux: $\Phi=435.70$ Lm	Efficiency: $\text{Effi}=66.0$ Lm/W	Stability: $\% = 0.07$ %
Voltage: $V_F=12.00$ V	Current: $I_F=0.550$ A	Power: $P=6.600$ W
Power factor: $\text{PF}=1.000$		

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.