

SPA120 2" Threaded fitting underwater pool lights



Technical Specifications



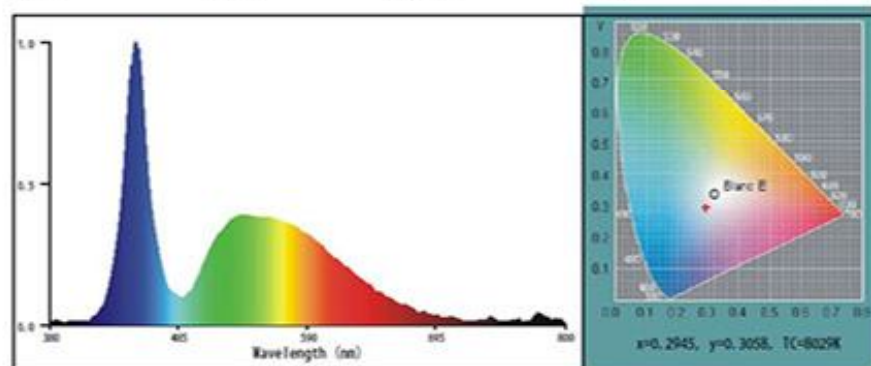
Model no	SPA120
LED colour	White / Warm White / Green / Blue / RGB
LED Type	18pcs 5050 SMD Epistar Taiwan LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / IEC60598
Dimension	Ø 110 x 90H (mm)
Power	3W for single colour / 3W for RGB model 12V AC/DC
Cord Length	2M
Light Angle	100 - 120 degree
Illumination	200-300lm
Mounting	Screw into 2" 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	Fibreglass / Spa & Jacuzzi
Working period	8hr per day
Package	48pcs / 20KG / 0.07bm per carton
Warranty	Two Year

Product information:

Product model: SPA120 CW	Test time: 2019-10-09 09:57:30
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=0.2945, y=0.3058	CCT: Tc=8029 K	Purity: Purity=15.5%		
u'=0.1937, v'=0.4526	Main Wave: λd=481.9nm	Peak Wave: λp=449nm		
Half Width: Δλd=19.9nm	Red Ratio: R=11.4%	Chromatism: SOCM=0.0		
Color rendering property: Ra=74.4				
R1=74	R2=77	R3=75	R4=76	R5=75
R6=68	R7=83	R8=67	R9=15	R10=42
R11=75	R12=41	R13=74	R14=86	R15=71



Other parameters:

Flux: Φ=190.50 Lm	Efficiency: Effi=28.9 Lm/W	Stability: N=0.05 %
Voltage: VF=12.00 V	Current: IF=0.550 A	Power: P=6.600 W

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.