

SP 90

1.5" Vacuum fitting underwater pool lights



Optional Parts : Fibreglass and concrete plastic niche

Technical Specifications



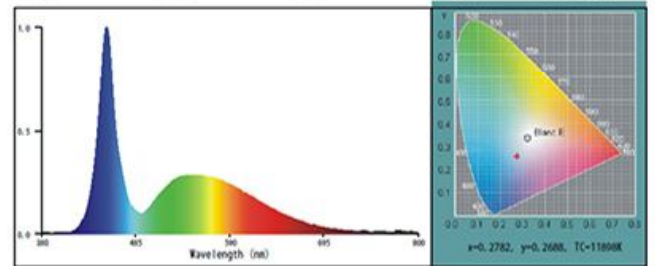
Model no	SP90
LED colour	White / Warm White / Green / Blue / RGB
LED Type	12pcs high power BRIDGELUX/Epistar LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/Rohs / CE / IEC60598
Dimension	Ø110 x 80H (mm)
Power	5W for single colour / 4W for RGB model 12V AC/DC
Cord Length	2M
Light Angle	60-90 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: SP90 CW	Test time: 2019-10-09 09:56:08
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=0.2782, y=0.2688	CCT: Tc=11898 K	Purity: Purity=25.2%		
u'=0.1963, v'=0.4268	Main Wave: λd=473.6nm	Peak Wave: λp=452nm		
Half Width: Δλd=20.8nm	Red Ratio: R=11.9%	Chromatism: SDCM=0.0		
Color rendering property: Ra=81.1				
R1=83	R2=83	R3=75	R4=85	R5=81
R6=72	R7=89	R8=81	R9=31	R10=54
R11=82	R12=42	R13=84	R14=85	R15=88



Other parameters:

Flux: Φ=444.23 Lm	Efficiency: Eff=52.2 Lm/W	Stability: η=0.05 %
Voltage: VF=12.00 V	Current: IF=0.550 A	Power: P=6.600 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.