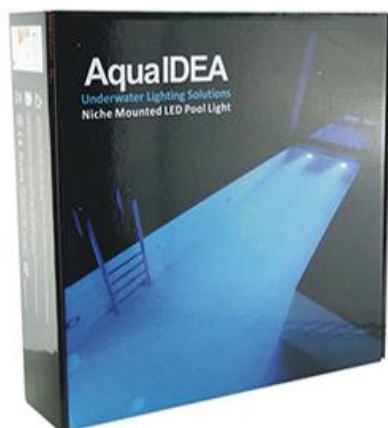


# SSP 90 Stainless Steel Surface mount underwater pool lights

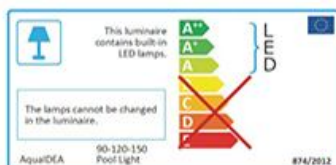


## Technical Specifications



EnabledLED Licensing Program for LED Luminaire and Retrofit Bulbs

Member  
AQUA IDEA Ltd.



CLASS III III 12 VAC

CE RoHS

SGS

IP68 5M



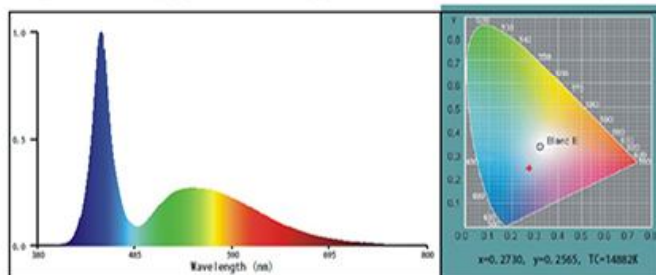
Model no	SSP90
LED colour	White / Warm White / Green / Blue / RGB
LED Type	12pcs high power BRIDGELUX/Epistar LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / SGS / IEC60598
Dimension	Ø 250 x 50H (mm)
Power	18W for single colour / 15W for RGB model 12V-24V AC/DC
Cord Length	2M
Light Angle	60-90 degree
Illumination	1300lm
Mounting	Wall mount bracket
Accessories	Stainless steel mounting screw x 4 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 / Fibreglass
Working period	8hr per day
Package	20pcs / 27KG / 0.09cbm per carton
Warranty	Two Year

### Product information:

Product model: SSP90 CW	Test time: 2019-10-09 12:50:35
Product number:	Environment humidity: 65.0 %
Production merchant: AquaIDEA	Environment Temperature: 0.0 °C
Tester: Willson	Verification: ----
Test system: Huzhou Sinopoli SPL720 Spectral analysis system	

### CIE Parameter:

Coordinate: x=0.2730, y=0.2565	CCT: Tc=14882 K	Purity: Purity=28.4%		
u' = 0.1974, v' = 0.4173	Main Wave: λd=471.1nm	Peak Wave: λp=448nm		
Half Width: Δλd=21.1nm	Red Ratio: R=11.8%	Chromatism: SDCM=0.0		
Color rendering property: Ra=78.3				
R1=84	R2=78	R3=65	R4=86	R5=83
R6=67	R7=84	R8=80	R9=38	R10=41
R11=87	R12=43	R13=81	R14=80	R15=89



### Other parameters:

Flux: Φ=1204.85 Lm	Efficiency: Effi=57.4 Lm/W	Stability: η=0.01 %
Voltage: VF=12.00 V	Current: IF=1.750 A	Power: P=21.000 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.