

# SSPN 120 Niche Mount underwater pool lights



Adjustable mounting clamps : Niche dimension from 190mm to 230mm

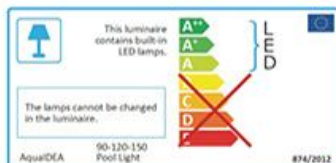


Optional Parts : Universal mounting kits and Plastic Niche

## Technical Specifications



EnabledLED  
Licensing Program for LED  
Luminaire and Retrofit Bulbs  
Member  
AQUA IDEA Ltd.



CLASS III 12 VAC

CE RoHS



IP68  
5M



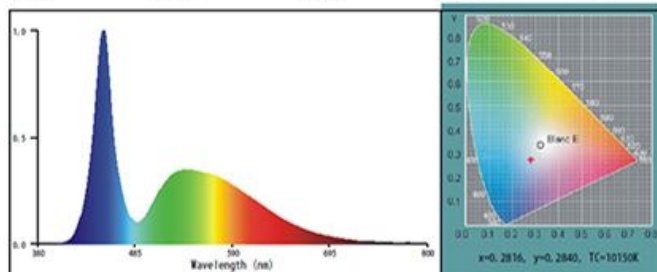
Model no	SSPN120
LED colour	White / Warm White/ Green / Blue / RGB
LED Type	108pcs 5050 SMD Epistar Taiwan LED
Material	Epoxy Resin/Aluminum /ABS-body/PC - Lens
Protection class	IPX8/ Rohs / CE / SAA / IEC60598
Dimension	300L x 300W x 60H (mm)
Power	20W for single colour / 15W for RGB model 12V-24V AC/DC
Cord Length	2M
Light Angle	100-120 degree
Illumination	1500lm
Mounting	Niche dimension from 190mm-230mm
Accessories	Stainless Steel mounting clamp & screw x 4 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	20pcs / 32KG / 0.16cbm per carton
Warranty	Two Year

### Product information:

Product model:SSPN120 CW	Test time:2019-10-09 09:40:36
Product number:	Environment humidity:65.0 %
Production merchant:AqualDEA	Environment Temperature:0.0 °C
Tester:Willson	Verification:----
Test system:Huzhou Sinopol SPL720 Spectral analysis system	

### CIE Parameter:

Coordinate: x=0.2816, y=0.2840	CCT:Tc=10150 K	Purity: Purity=22.2%		
u' =0.1927, v' =0.4373	Main Wave: λd=477.9nm	Peak Wave: λp=450nm		
Half Width: Δλd=21.3nm	Red Ratio: R=11.3%	Chromatism : SDCM=0.0		
Color rendering property :Ra=77.4				
R1=78	R2=77	R3=75	R4=82	R5=78
R6=69	R7=85	R8=74	R9=5	R10=44
R11=79	R12=42	R13=78	R14=85	R15=78



### Other parameters:

Flux:Φ=1493.40 Lm	Efficiency:EffI=69.1 Lm/W	Stability:η=0.01 %
Voltage:VF=12.00 V	Current:IF=1.800 A	Power:P=21.600 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.