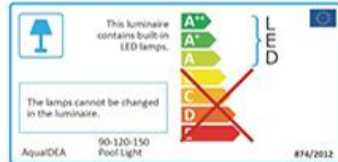


PTF90 Fountain

underwater pool lights



Technical Specifications



CLASS III III 12 VAC CE RoHS IP68 5M

Model no	PTF90
LED colour	RGB
LED Type	6pcs high power BRIDGELUX/Epistar LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / IEC60598
Dimension	Ø 175 x 30H (mm)
Middle Hole Dim	Ø42mm
Power	6W for RGB model 12V DC
Cord Length	2M
Light Angle	60-90 degree
Illumination	500lm
Mounting	Screw x 3
Accessories	User's manual x 1 Heat-Shrink tubing kits x 1
RGB 4Pin cable	Controlled by Wifi / DMX work with Alexa, Google Home , Smart Life , Tuya
Environment	Fountain
Working period	8hr per day
Package	20pcs / 20KG / 0.05cbm per carton
Warranty	Two Year

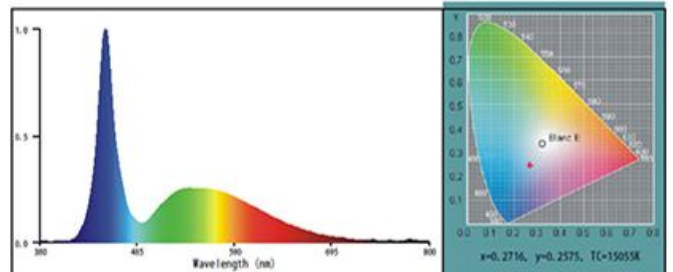
Product information:

Product model: PTF90 CW
Product number:
Production merchant: AquaIDEA
Tester: Willison
Test system: Huzhou Sinopol SPL720 Spectral analysis system

Test time: 2019-10-09 10:06:33
Environment humidity: 65.0 %
Environment Temperature: 0.0 °C
Verification: ----

CIE Parameter:

Coordinate: $x=0.2716, y=0.2575$ CCT: $Tc=15055$ K Purity: Purity=28.7%
 $u'=0.1958, v'=0.4178$ Main Wave: $\lambda d=472.2$ nm Peak Wave: $\lambda p=450$ nm
 Half Width: $\Delta \lambda d=20.2$ nm Red Ratio: $R=11.7\%$ Chromatism : $SOCM=0.0$
 Color rendering property : $Ra=80.7$
 R1=84 R2=81 R3=71 R4=87 R5=82
 R6=70 R7=88 R8=83 R9=37 R10=49
 R11=85 R12=41 R13=83 R14=83 R15=90



Other parameters:

Flux: $\Phi=401.58$ Lm Efficiency: $Effi=60.8$ Lm/W Stability: $\% = 0.03$ %
 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.