

PTF90 Fountain

underwater pool lights



Technical Specifications



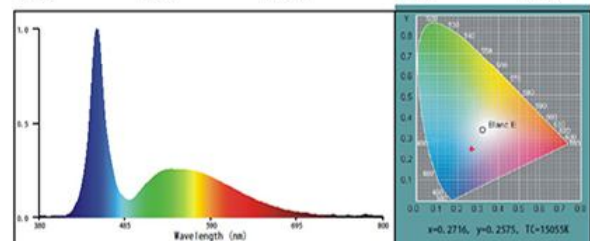
Model no	PTF90
LED colour	RGB
LED Type	6pcs high power BRIDGELUX/Epistar LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / IEC60598
Dimension	Ø 175 x 30H (mm)
Middle Hole Dim	Ø42mm
Power	6W for RGB model 12V DC
Cord Length	2M
Light Angle	60-90 degree
Illumination	500lm
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	Test time: 2019-10-09 10:06:33
Product number:	Environment humidity: 65.0 %
Production merchant: AquaIDEA	Environment Temperature: 0.0 °C
Tester: Willison	Verification: ---
Test system: Muzhou Sinopol SPL720 Spectral analysis system	

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: λd=472.2nm	Peak Wave: λp=450nm		
Half Width: Δλd=20.2nm	Red Ratio: R=11.7%	Chromatism : SDCM=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: Φ=401.58 Lm	Efficiency: Effi=60.8 Lm/W	Stability: η=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.