MINI-P Surface Mount underwater pool lights

INGEBOMBA

Technical Specifications

EnabLED
Licensing Program for LED Luminaires and Retrofit Bulbs
Member
AQUA IDEA Ltd.
ENABLED

This luminaire contains built-in LED lamps.
The lamps cannot be changed in the luminaire.
AquaIDEA 90-120-150 Pool Light
874/2012

CLASS III 12 VAC CE RoHs IP68 5M

Model no	Mini-P
LED colour	White / Warm White / Blue / RGB
LED Type	1pc 30W COB LED
Material	Epoxy Resin / ABS-body / PC - Lens
Protection class	IPX8/ Rohs / CE / IEC60598
Dimension	150L x 150W x 30H (mm)
Power	15W 12V AC
Cord Length	2M
Light Angle	120-150 degree
Illumination	2500lm
Mounting Parts	Retrofit mounting bracket
Accessories	Stainless steel screw x 3
	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 pools
Working period	8hr per day
Package	20pcs / 20KG / 0.08cbm per carton
Warranty	Two Year

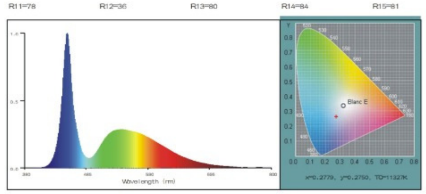
Product information:

Product model:MiniP CW — Test time:2023-06-15 10:56:30
Product number: — Environment humidity:65.0 %
Production merchant:AquaIDEA — Environment Temperature:0.0 ℃
Tester:Willson — Verification:——
Test system:Huzhou Sinopol SPL720 Spectral analysis system

CIE Parameter:

Coordinate: x=0.2779,y=0.2750 — CCT:Tc=11327 K — Purity: Purity=24.4%
u'=0.1935,v'=0.4309 — Main Wave: λ d=476.0nm — Peak Wave: λ p=452nm
Half Width: Δ λ d=18.4nm — Red Ratio: R=11.3% — Chromatism : SDCM=0.0
Color rendering property :Ra=77.6

R1=79	R2=80	R3=72	R4=81	R5=78
R6=69	R7=87	R8=75	R9=10	R10=46
R11=78	R12=36	R13=80	R14=84	R15=81



Other parameters:

Flux:Φ =1903.44 Lm — Efficiency:Effi=126.9 Lm/W — Stability:%=0.83 %
Voltage:VF=12.20 V — Current:IF=1.230 A — Power:P=15.000 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.

W W W . I N G E B O M B A . C L
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