



PAR56 LED WHITE LIGHT

Typology

LED PAR56 for swimming pools, fountains and SUBMERSIBLE applications ONLY.

Features

Max depth underwater: 1 m max.
Recommended minimum depth 45 cm.
Can be used as a retrofit to traditional PAR56.

Material

Code 12PAR56CW18: plastic body and sealed ring with no visible screws.
Material resistant to chlorine and swimming pool additives.

Applications

For underwater installations inside suitable fittings.

Power supply

Operating Voltage: 12V DC or 12V AC 50/60Hz (electromagnetic transformer).
M4 screw terminal.

Notes

For underwater installations inside suitable fittings.



Characteristic data

Power	18 W	Beam	120°	Dimmable	No	Input	12 Vac/dc
Base	Screw	IP	68	Flux	1500 lm	PF	0,8
Tc	6000 K	LED Warranty	G3	Axis	600 cd		

Dimensional characteristics

Ø	177 mm
H	93 mm

Lighting and photometric features

Beam opening	120°
Flux	1500 lm
CCT nominal colour temperature	6000 K
Colour of the light	Cool light
Lifespan	25000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	18 W
Input voltage	12 Vac/dc
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0,8
Input current	2.2 A
Weighted energy consumption	18 kWh/1000h
Energy efficiency class	F
Number of cycles	100000
Operating temperature	-25°C / +35°C

Other Infotech

Reflector	Yes
-----------	-----

LED Warranty

G3	Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
----	--

European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 62838:2016 (+EC:2018)
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI 34-141:2014

Logistics data

Item net weight	380 gr
Number of pieces multiple pack	20
Minimum order quantity	1
Minimum packaging	1 / 20