



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

AISI 316 Stainless steel body and polycarbonate cover.
Material resistant to chlorine and swimming pool additives.

Applications

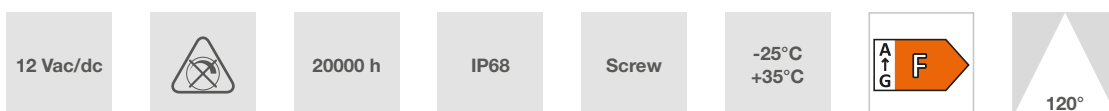
For underwater installations inside suitable fittings.

Power supply

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

Notes

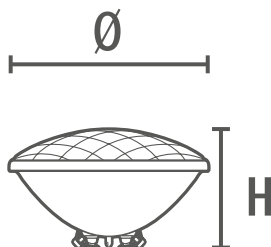
For underwater installations inside suitable fittings.



Characteristic data

Power	35 W	Beam	120°	Dimmable	No	Input	12 Vac/dc
Base	Screw	IP	68	Flux	2600 lm	PF	0,8
Tc	6000 K						

Dimensional characteristics



Ø	177 mm
H	102 mm

Lighting and photometric features

Beam opening	120°
Flux	2600 lm
CCT nominal colour temperature	6000 K
Colour of the light	Cool light
Lifespan	20000 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	35 W
Input voltage	12 Vac/dc
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0,8
Weighted energy consumption	39 kWh/1000h
Energy efficiency class	F
Number of cycles	100000
Operating temperature	-25°C / +35°C

Photometry



	6000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	-		114°	114°			
Fixture Power	35W	1	3.06	3.08	835		
Source Flux	2600lm	2	6.13	6.16	209		
Fixture Flux	2608lm	3	9.19	9.23	93		
Efficacy	75lm/W	4	12.26	12.31	52		
1	I _{max} =321cd/klm	I _{max}	835cd	5	15.32	15.39	33

EulumDat file on the site

Other Infotech

Reflector	Yes
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European Directives

2009/125/EC * Ecodesign
 2011/65/EU * RoHS
 2012/19/EU * RAEE
 2014/30/EU * EMC (Compatibilità Elettromagnetica)
 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

Barcode single item	8011905850807
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