



## 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

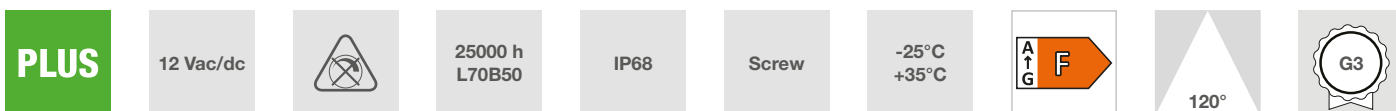
For underwater installations inside suitable fittings.

### Power supply

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

### Notes

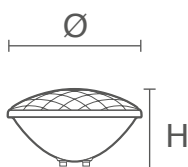
For underwater installations inside suitable fittings.



### Characteristic data

Power	35 W	Beam	120°	Dimmable	No	Input	12 Vac/dc
Base	Screw	IP	68	Flux	2950 lm	PF	0,8
Tc	6000 K	LED Warranty	G3				

### Dimensional characteristics



Ø	177 mm
H	102 mm

## Lighting and photometric features

Beam opening	120°
Flux	2950 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	35 W
Input voltage	12 Vac/dc
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0,8
Weighted energy consumption	35 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 <sub>max</sub> (lx)
	Ra70		120°	116°	
Fixture Power	35W	1	3.49	3.18	825
Source Flux	2600lm	2	6.98	6.36	206
Fixture Flux	2600lm	3	10.47	9.55	92
Efficacy	74lm/W	4	13.96	12.73	52
12PAR56CW35 I <sub>max</sub> =317cd/klm	I <sub>max</sub>	5	17.45	15.91	33

EulumDat file on the site

## Other Infotech

Reflector	Yes
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## 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.
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## 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	800 gr
Barcode single item	8011905850807
Number of pieces multiple pack	20
Barcode multiple pack	8011905851262
Minimum order quantity	1
Minimum packaging	1 / 20