



## OBLÒ 12 VAC/DC WHITE LIGHT

### Typology

IP68 LED immersion ceiling light for swimming pools, operating at very low safety voltage.  
Available in cool white or RGB versions.

### Features

Underwater fixture, designed for decorative and functional lighting of swimming pools, installable up to 1 m depth.  
The resistant structure ensures durability and effectively replaces traditional underwater systems consisting of separate lamp, power supply and fixture.  
Cool white version.

### Material

It is fixed with the supplied screws.  
1.5 m power cable.  
Optional IP68 cable gland, code KTCON-IP68.

### Power supply

12 V, 50 Hz LED driver not included.

### Notes

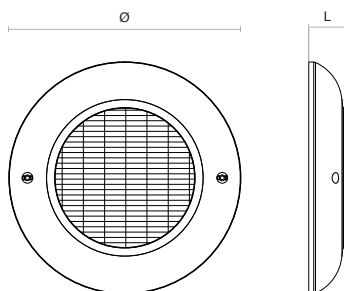
Body in ABS and screen in UV-resistant polycarbonate.



### Characteristic data

Power	18 W	Beam	100°	Dimmable	No	Input	12 Vac/dc
Base	Wire	IP	68	Flux	1800 lm	Axis	700 cd
Tc	6500 K	Ra	>80	LED Warranty	G3	IK	IK05
RG	RG1						

### Dimensional characteristics



ø	250 mm
H	41 mm

## Lighting and photometric features

Beam opening	100°
Flux	1800 lm
Axis	700 cd
CCT nominal colour temperature	6500 K
Colour of the light	Cool light
Colour rendering index	>80
Lifespan	30000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## Electrical characteristics

Rated power	18 W
Input voltage	12 Vac/dc
Frequency	50/60 Hz
Dimmable	No
Input current	1.5 A
Number of cycles	100000
Operating temperature	-25°C / +35°C

## Photometry



	4000K	H(m)	D(m)	E <sub>max</sub> (lx)		
	Ra80		94°			
Fixture Power	18W	1	2.13	776		
Source Flux	1800lm	2	4.27	194		
Fixture Flux	1800lm	3	6.40	86		
Efficacy	100lm/W	4	8.53	48		
	I <sub>max</sub> =433cd/klm	I <sub>max</sub>	779cd	5	10.66	31

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  
2014/35/EU \* LVD  
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 60598-1:2022  
CEI EN 60598-2-5:2016  
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 EN 62493:2015  
CEI 34-141:2014

## Logistics data

Item net weight	675 gr
Barcode single item	8011905341503
Number of pieces multiple pack	14
Minimum order quantity	1
Minimum packaging	1 / 14