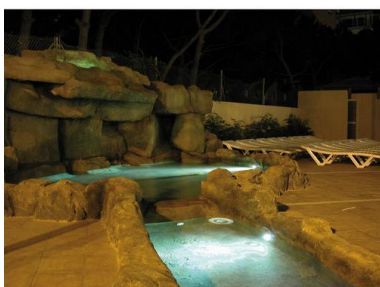
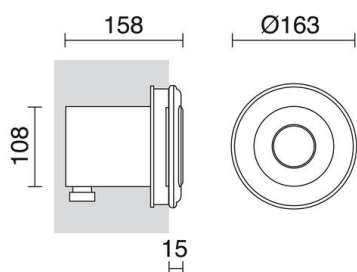


PAL 231A-L0304D-01

Underwater recessed PAL IP68 LED SMD 4W 315lm CRI70 5700K 45° White



Family submersible recessed Pal is made of brass and is available in two finishes: white and stainless steel, have IP68 and are suitable for installation in both prefabricated pools and concreted. Available in warm white and RGB color, you can also choose from two perspectives: Narrow and Medium.

GENERAL DATA

Category	Underwater Lights
Family	Pal
Finish	[01] White
Location	Outdoor
Installation	Wall
Body material	Brass
Diffuser material	Transparent glass
Frame material	Thermoplastic
ETIM class	EC0028g2
EAN	8435256534238

LIGHT SOURCES AND BEAMS

Sources	LED SMD 4W max. 315lm 5700K CRI70
Energy efficiency	G
Beam	45° - Direct symmetric

TECHNICAL DATA

Dimensions	Height x Width x Length (mm): 163 x 163 x 158
IP	IP68
Protection class	Class III
Frequency	50/60 Hz
Input voltage	12V AC V
Auxiliary gear	Without equipment, needed
Glow wire temperature	850.0 °C
Lifetime	50.000 h
LED lifetime L	80
LED lifetime B	20
Weight	1.8 Kg
Cable outlets	1
Lead wire length	2,500.0 mm
Cut hole box included	Yes
Cut hole dimensions	Diameter x Depth (mm): 110 x 158
ECORAAE category I	LED-B
ECORAAE I	0.5
Flammable surfaces	Yes
Electric screwdriver	Yes

NOTES

- Suitable for installation in concrete pools
- Available in 2 different beams angles (narrow 22°, medium 34°)
- Available in warm white and DMX
- Suitable for installations outside water

PAL 231A-L0304D-01 Underwater recessed PAL IP68 LED SMD 4W 315lm CRI70 5700K 45° White

RECOMMENDED ACCESSORIES



B02I-X33F9D-02
Power supplies ALIMENTADORES
Black

Input voltage	230V AC
Frequency	50/60
Wattage (W)	350.0
IP	IP65
Protection class	Class II



B02I-X33G1D-02
Power supplies ALIMENTADORES
Black

Input voltage	230V AC
Frequency	50/60
Wattage (W)	700.0
IP	IP65
Protection class	Class II

PAL 231A-L0304D-01 Underwater recessed PAL IP68 LED SMD 4W 315lm CRI70 5700K 45° White

PRODUCTS OF THE SAME FAMILY



Pal R RGB



Pal slim
Concrete pools



Pal slim R W