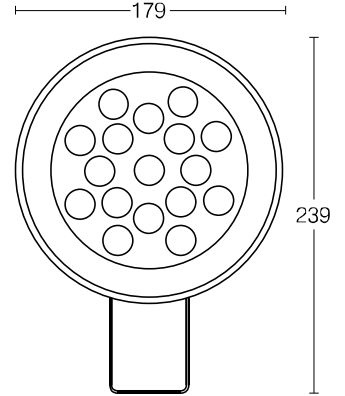


# ORCA 18 18W



UNDERWATER

IP68  EN60598 



## PRODUCT DATA

### General Information

Number of light source	18 pcs
LED module	Mid Power LED's on alu-PCB
Light distribution	8° - 25° - 45° - 60°
Light source colour	3000K-4000K, RGB
Number of gear unit	1 unit
Driver / power unit	PS (Constant voltage)
Driver included	No
Optical cover / lens type	Single lens
Control interface	On/Off
Connection	-
Cable	2x0,75 mm <sup>2</sup>
Protection class IEC	Safety class II
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type	Symmetric
EU RoHS compliant	Yes
Light source engine type	LED
LDT / IES photometric file	Available
Life span	Estimated average 50.000 hours
MacAdams	CCT tolerance within a 3 step MacAdams ellipse
Product code	30-03-24-18-XX-X (XX: Lens angle, X: Led colour)

### Operating and Electrical

Input Voltage	24 - 36 V DC
Input frequency	-
Inrush current	350 mA
Power factor (min.)	0.92

### Control and Dimming

Dimmable(optional)	1-10V - DALI
DMX	-

### Mechanical and Housing

Housing material	Stainless steel
Gasket	Silicone
Optic material	PMMA
Optical cover / lens material	PMMA
Fixation material	Stainless steel mounting bracket
Mounting device	-
Effective projected area	0,04m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	239 x 179 x 70 mm

### Approval and Application

Ingress protection code	IP68
Mech. impact protection code	-
Surge protection (common/differential)	-

### Initial Performance (IEC Compliant)

Module luminous flux	2774 lm (4000K) / 2636 lm (3000K)
Luminaire luminous flux	2607 lm (4000K) / 2478 lm (3000K)
LED luminaire efficiency	145 lm (4000K) / 138 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	>70
Rated LED power	16W
Rated luminaire power	18W

### Application Conditions

Ambient temperature range	-25°C to +55°C
Maximum dimming level	-
Net weight (piece)	0,78 kg

### Fixture Run Length

To calculate fixture run lengths and total power consumption for your specific installation, please ask to company assistant

