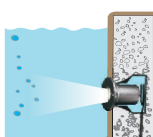
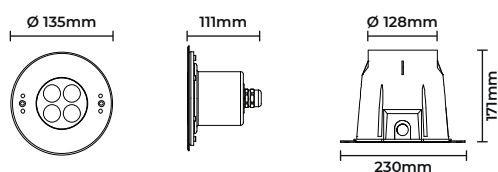




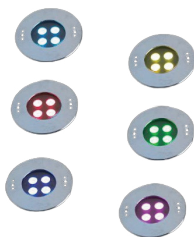
Beam Angles : 20°, 30°, 70°



Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

Warning:

Must be installed under the water to prevent the light from being burnt off because of over-heating.



Applications:

Indoor/outdoor swimming pools, water fountains, water fountains landscape areas.



Key Information

Shape	Round
Mounting Type	Recessed
Mounting Location	Underwater
Engine Orientation	Fixed
LED Type	SMD LED Module RGBW 4 in 1
System Power	12W
CCT(K)	RGBW
Luminous Efficacy	45-55LM/W(All Channels Full On)
LED Wavelength	R=620-630nm G=520-530nm B=460-470nm W=6000K
Lifespan L80 at 25°C	50,000 hours

Physical

Housing & Front Cover	Molding shaped stainless steel SUS 316#
PCB	Excellent heat conductivity aluminium, coefficient of heat conductivity $\geq 2.0W/Mk$
Diffuser	Step Tempered glass. T=8mm
Gasket	Silicone
Lens	Optical lens, efficiency $\geq 85\%$
Mounting Sleeve	Abs 116
Power Cable	H05RN - F 2x1mm ² + 3x0.5mm ² Length = 3000mm
Cable Gland	IP68 PG-11 copper with nickel-coated
Dimension	Ø 135 X 111mm

Environmental

Installation Environment	Underwater
IK Rating	08
Operating Temperature	Temperature of water between -20° to 40°C less than 2m depth
Built-in Overheat Sensor	Automatic shutdown at 75°C
IP Rating	IP68

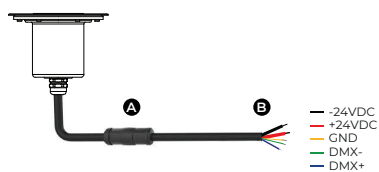
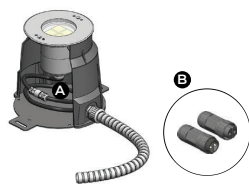
Driver

Input Voltage	24VDC
Class Rating	Class I
Power factor	>0.92
Standard	On/off
Dimming Options	DMX512

Ordering Guide:

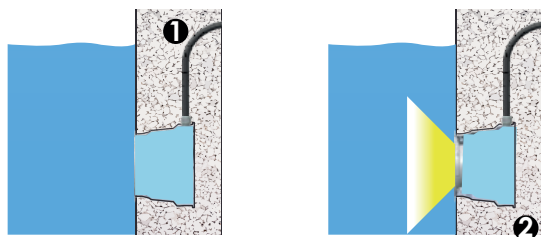
Product	CCT (K)	Wattage (W)	Beam (°)	Driver
OR II= Oceanic II - RGBW	RGBW= R(Red) G(Green) B(Blue) W(6000K)	12W	20° 30° 70°	S=On/Off DMX=DMX512
Product Code		Wattage	CCT	Dimensions(mm)
OR II-RGBW-12W-30°-DMX		12W	RGBW	Ø 135 X 111mm

Installation Guide:



A Water stopper

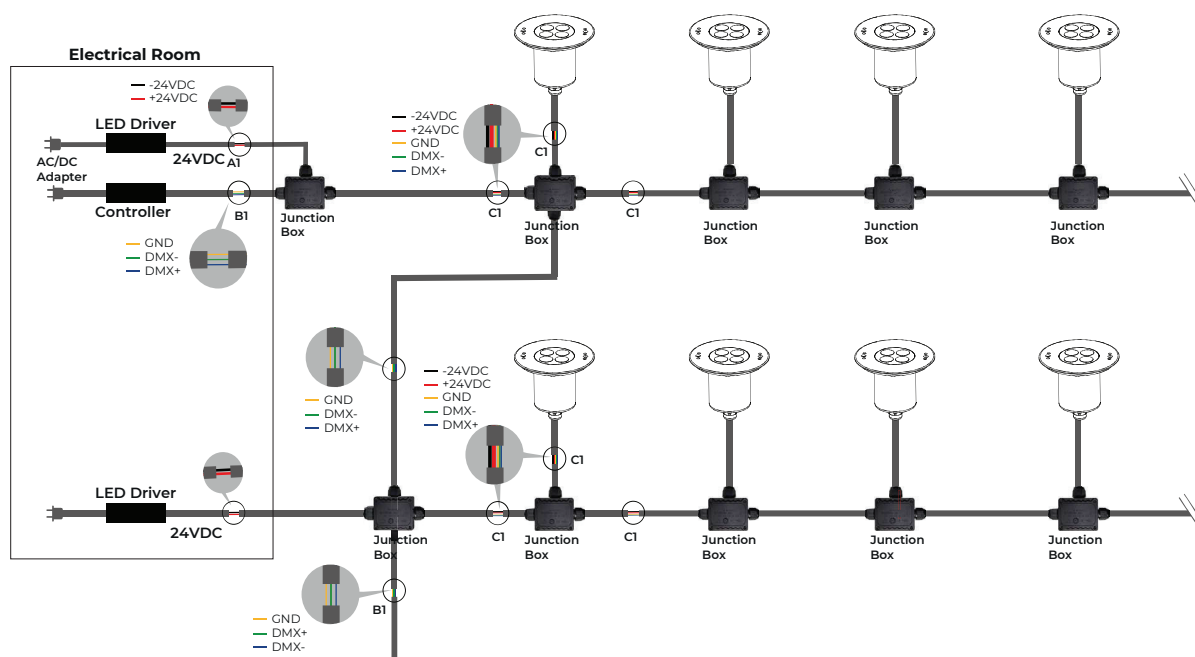
B IP68 Jiffy quick plug/socket connector(Optional)



1 Power cable must be higher than water.

2 The light must stay under water to prevent the chip from overheating.
Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

Schematic Diagram:



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