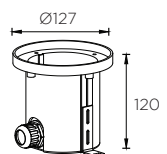
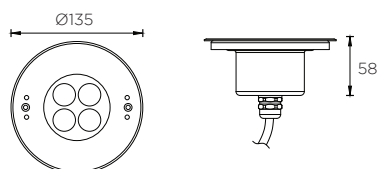
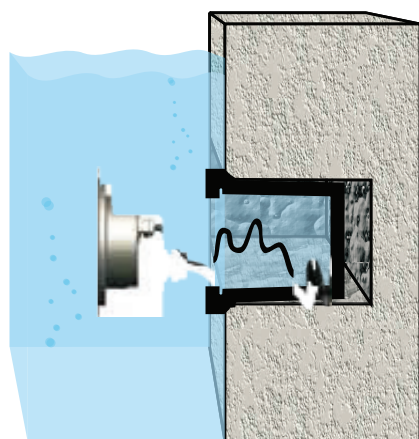


Art Number	Model	
WL961003	8W	24VDC Single Color
WL961004	8W	24VDC RGB 3 in 1
WL961005	12W	24VDC RGBW



Mounting Sleeve



Features

- Desire series swimming pool underwater luminaire adopt OSRAM led as a light source for single color and SMD 3535 for RGB/RGBW
- Completely made in stainless steel with stainless steel trim with 8mm tempered glass sealed with silicon gasket
- Excellent heat conductivity aluminum PCB, co-efficient of heatconductivity $\geq 2.0w/mk$
- Round shape luminaire install wall recessed with mounting sleeve
- Dimmable support: TRIAC/ PWM/ 1-10V/ Dali/ DMX 512
- IP68 Underwater luminaire within 1 meter depth.
- Caution: Luminaire must be installed in under water

Product Specification

LED Chip	OSRAM LED/ SMD3535(RGB/RGBW)
Power	8W/ 12W
Input	24VDC
Output	[415lm(3000K)/ 467lm(6000K)30°] [450lm(3000K)/ 511lm(6000K)45x35°] 262lm(RGB)/ 406lm(RGBW)
CCT	3000K(30), 4000K(40), 6000K(60), Red(RE), Green(GR), Blue(BL) RGB 3 in 1(O1) RGBW(6000K) 4 in 1(O3)
LED Qty	4 LED

Technical Data

IP Rating	IP68
IK Rate	IK08
Housing/ Front Cover	Hard chromplated molding shaped Stainless steel SUS #316
Finishing	Stainless steel #316 (O9)
Light Window	Tempered glass 8mm
Power Cable	H05RN-F 2x1.0mm ² / L=3m (Single color) H05RN-F 4x1.0mm ² / L=3m (RGB 3 in 1) H05RN-F 5x0.75mm ² / L=3m (RGBW)
Mounting Sleeve	Polypropylene
Cable Gland	IP68 PG11 Copper with nickel coated

Photometric Data

CRI	80
Luminous Efficacy	52lm/W - 33lm/W(RGB) - 34lm/W(RGBW)
Beam Angle	20°(20)/ 25°(25)/ 30°(30)/ 35°(35)/ 45°(45) 45°x35°(A4) [30°(30)RGB/RGBW]
Operating Temp.	-20°C-+50°

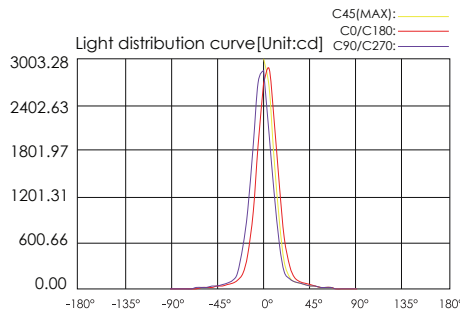
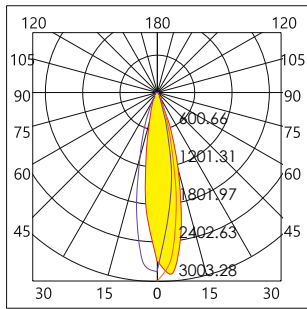
Order Code Example

Artnumber	Finish	Beam Angle	Color Temp
WL961003	SS(O9)	25°(25)	3000K(30)
WL881035.09.25.30			

- 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.

We reserve the right to make technical changes without prior notice
Electrical/Optical data are subjected to a tolerance of +/-10%

Symmetrical Beam Angle 30°

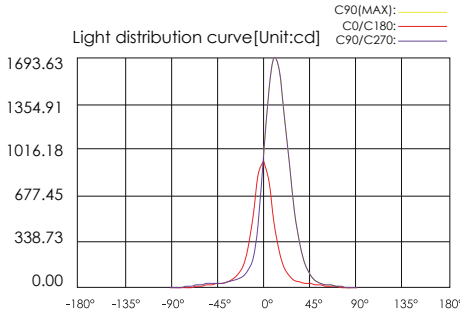
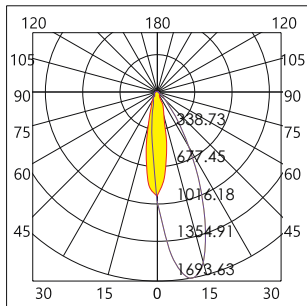


Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	671.82 LUX	0.8m 0.8m
4m	167.96 LUX	1.5m 1.6m
6m	74.65 LUX	2.3m 2.3m
8m	41.99 LUX	3.1m 3.1m
10m	26.87 LUX	3.8m 3.9m
12m	18.66 LUX	4.6m 4.7m

Ver.Spread:21.6 Horiz.Spread:22.0

Asymmetrical Beam Angle 30°

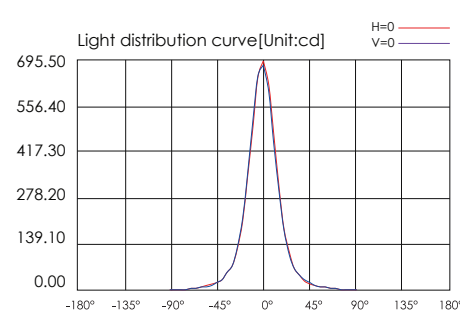
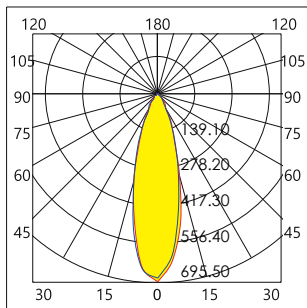


Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	233.59 LUX	1.0m 0.9m
4m	58.47 LUX	1.9m 1.7m
6m	25.99 LUX	2.9m 2.6m
8m	14.62 LUX	3.8m 3.4m
10m	9.36 LUX	4.8m 4.3m
12m	6.50 LUX	5.7m 5.1m

Ver.Spread:26.9 Horiz.Spread:24.1

RGB 30°

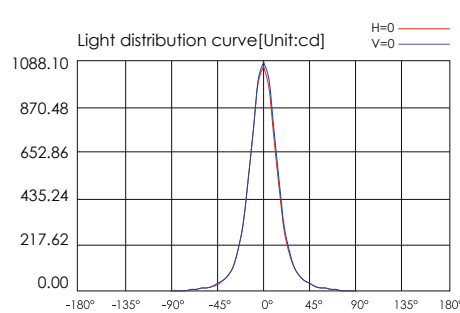
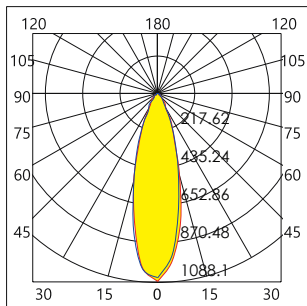


Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	137.96 LUX	0.8m 0.7m
4m	34.49 LUX	1.7m 1.4m
6m	15.33 LUX	2.5m 2.1m
8m	8.62 LUX	3.3m 2.8m
10m	5.52 LUX	4.1m 3.5m
12m	3.83 LUX	5.0m 4.2m

Ver.Spread:23.4 Horiz.Spread:20.0

RGBW 30°



Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	265.33 LUX	1.0m 1.0m
4m	66.33 LUX	2.0m 2.0m
6m	29.48 LUX	3.0m 3.0m
8m	16.58 LUX	4.0m 4.1m
10m	10.61 LUX	5.0m 5.1m
12m	7.37 LUX	6.0m 6.1m

Ver.Spread:27.9 Horiz.Spread:28.6