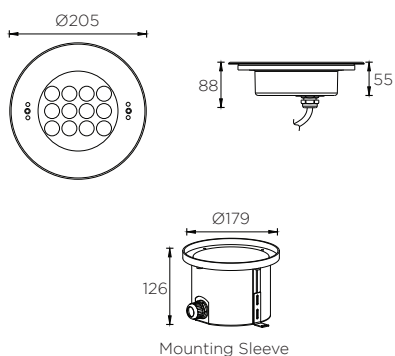


Art Number	Model
WL961009	24W 24VDC Single Color
WL961010	24W 24VDC RGB 3 in 1
WL961011	36W 24VDC RGBW



### 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	24W/ 36W
Input	24VDC
Output	[1156lm(3000K)/ 1361lm(6000K)30°] [1236lm(3000K)/ 1569lm(6000K)45x35°] 805lm(RGB)/ 1353lm(RGBW)
CCT	3000K(30), 4000K(40), 6000K(60), Red(RE), Green(GR), Blue(BL) RGB 3 in 1(01) RGBW(6000K) 4 in 1(03)
LED Qty	12 LED

### Technical Data

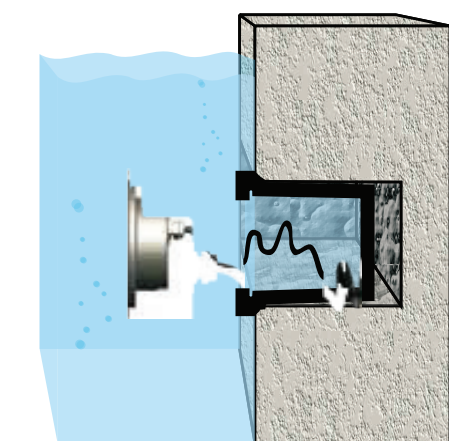
IP Rating	IP68
IK Rate	IK08
Housing/ Front Cover	Hard chromplated molding shaped Stainless steel SUS #316
Finishing	Stainless steel #316 (09)
Light Window	Tempered glass 8mm
Power Cable	H05RN-F 2x1.0mm <sup>2</sup> / L=3m (Single color) H05RN-F 4x1.0mm <sup>2</sup> / L=3m (RGB 3 in 1) H05RN-F 5x0.75mm <sup>2</sup> / L=3m (RGBW)
Mounting Sleeve	Polypropylene
Cable Gland	IP68 PG11 Copper with nickel coated

### Photometric Data

CRI	80
Luminous Efficacy	48lm/W - 33lm/W(RGB) - 37lm/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

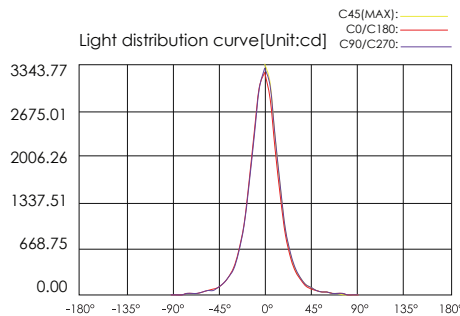
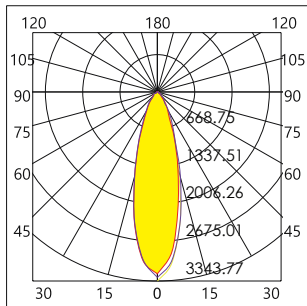
Artnumber	Finish	Beam Angle	Color Temp
WL961003	SS(09)	25°(25)	3000K(30)
WL881035.09.25.30			



- 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°

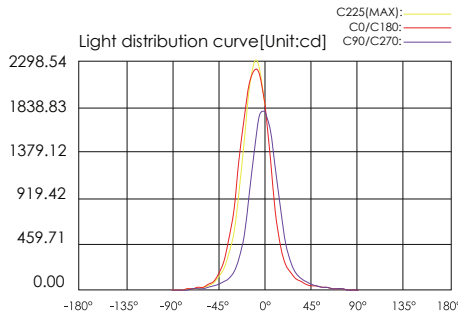
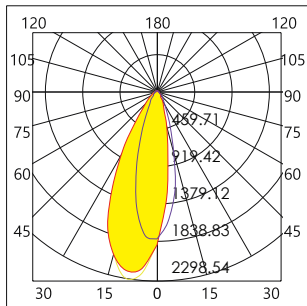


#### Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	803.56 LUX	1.0m 1.0m
4m	200.89 LUX	2.0m 2.0m
6m	89.28 LUX	3.1m 3.0m
8m	50.22 LUX	4.1m 4.0m
10m	32.14 LUX	5.1m 5.0m
12m	22.32 LUX	6.1m 6.0m

Ver.Spread:28.7 Horiz.Spread:27.9

### Asymmetrical Beam Angle 30°

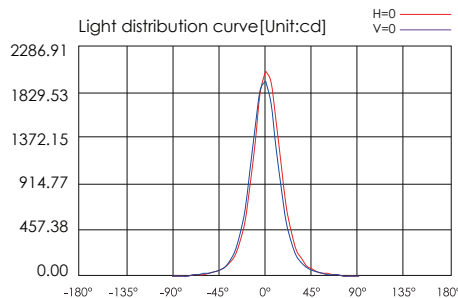
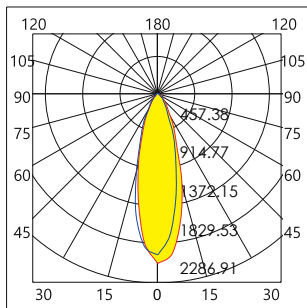


#### Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	468.76 LUX	1.2m 1.1m
4m	117.19 LUX	2.4m 2.1m
6m	52.08 LUX	3.6m 3.2m
8m	29.30 LUX	4.8m 4.3m
10m	18.75 LUX	6.0m 5.3m
12m	13.20 LUX	7.2m 6.4m

Ver.Spread:33.4 Horiz.Spread:30.0

### RGB 30°

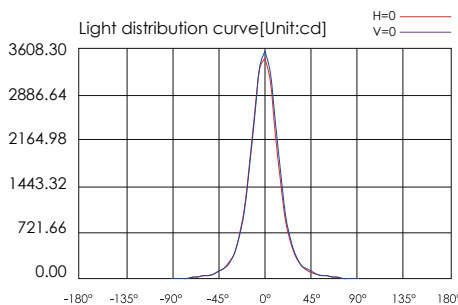
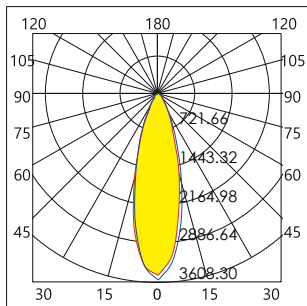


#### Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	488.13 LUX	1.0m 1.0m
4m	122.03 LUX	2.0m 2.0m
6m	54.24 LUX	3.1m 3.0m
8m	30.51 LUX	4.1m 4.0m
10m	19.53 LUX	5.1m 5.0m
12m	13.56 LUX	6.1m 6.0m

Ver.Spread:25.2 Horiz.Spread:28.3

### RGBW 30°



#### Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	865.21 LUX	1.0m 1.0m
4m	216.3 LUX	2.0m 2.0m
6m	96.13 LUX	3.0m 3.1m
8m	54.08 LUX	4.0m 4.1m
10m	34.61 LUX	5.0m 5.1m
12m	24.03 LUX	6.0m 6.1m

Ver.Spread:28 Horiz.Spread:28.7