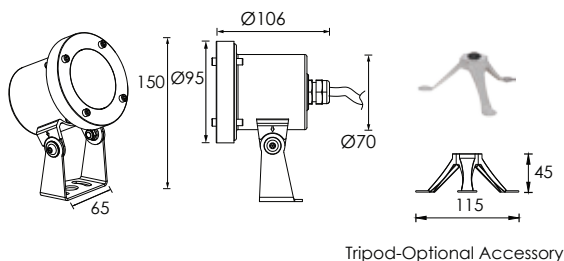


Art Number	Model	
WL961015	8W	24VDC Single Color
WL961016	9W	24VDC RGB



Tripod-Optional Accessory

## Features

- FUTON underwater surface light adopt OSRAM COB led as a light source for single color and SMD 3535 for RGB
- Body completely made in hard chrome plated molding shaped stainless steel AISI 316 L marine grade.
- PMMA 8 mm tempered safety glass light window with silicone gasket.
- Optical lens reflector efficiency @  $\geq 85\%$ .
- Excellent heat conductivity aluminum PCB which gives co efficient of heat conductivity  $\geq 2.0w/mk$ .
- Built in overheat sensor system which helps to automatic shutdown @  $75^{\circ}C$ .
- Available tripod optional accessories.
- Application environment must be the temperature of water between  $-20^{\circ}C$ - $+40^{\circ}C$  less than 1 meter depth.
- Must be installed under the water to prevent the light from burning up because of over heating.

## Product Specification

LED Chip	OSRAM/ SMD3535
Power	8W/ 9W
Input	24VDC
Output	625lm/674lm 239lm (RGB)
CCT	3000K(30), 4000K(40), 6000K(60), Red(RE), Green(GR), Blue(BL) RGB 3 in 1(01)
LED Qty	1 LED/ 3LED

## 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)
Mounting	Tripod/ Floor surface with bracket
Cable Gland	IP68 PG11 Copper with nickel coated

## Photometric Data

CRI	80
Luminous Efficacy	78lm/W- 26lm/W(RGB)
Beam Angle	18°(18)/ 25°(25)/ 40°(40) (single Color) 30° (RGB)
Operating Temp.	-25°C-+50°

## Order Code Example

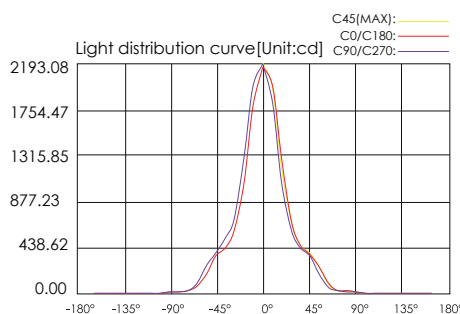
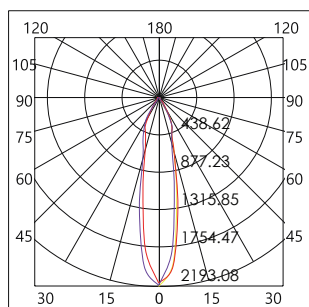
Artnumber	Finish	Beam Angle	Color Temp
WL961012	SS(09)	30°(30)	3000K(30)
WL961012.09.30.30			

•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 25°

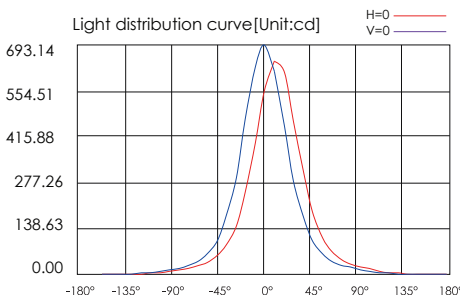
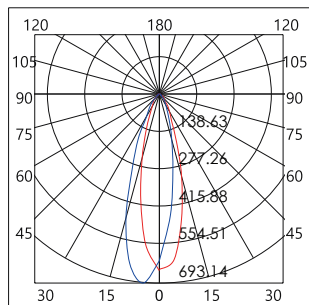


### Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	537.90 LUX	0.8m 0.8m
4m	134.47 LUX	1.5m 1.5m
6m	59.77 LUX	2.3m 2.3m
8m	33.62 LUX	3.1m 3.0m
10m	21.52 LUX	3.8m 3.8m
12m	14.94 LUX	4.6m 4.6m

Ver.Spread:21.6 Horiz.Spread:21.5

### RGB Beam Angle 30°



### Lux distance cure

	Illuminance at a distance	
	Center beam LUX	Beam width V H
2m	149.35 LUX	1.0m 1.0m
4m	37.34 LUX	1.9m 1.9m
6m	16.59 LUX	2.9m 2.9m
8m	9.33 LUX	3.9m 3.8m
10m	5.97 LUX	4.8m 4.8m
12m	4.15 LUX	5.8m 5.7m

Ver.Spread:27.2 Horiz.Spread:26.9

•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%