

# PRODUCT DATASHEET

## OUTDOOR LIGHTING | OUTDOOR- UNDERWATER

Outdoor lighting | Recessed mounted underwater light | 24w | Round shape  
Code# OTUW17012-24RGBW



### Areas of Application

- Swimming pool
- Fountains
- Aquariums
- Waterscape sculpture
- Waterfalls
- Rivers

### Product Features

- IP68 waterproof
- High luminous efficacy, high CRI
- Uniform light output and good consistency, without flicker
- Anti-oxidation, anti-corrosion
- High efficient LED chips for RGBW light
- CCT optional and dimmable
- Easy and quick installation
- Good heat dissipation

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## Complete Product Data

<b>Code#</b>	OTUW17012-24RGBW
<b>Wattage</b>	24w
<b>Installation Type</b>	Recessed
<b>Dimension</b>	φ140mm*75mm*185mm
<b>Cutout</b>	/
<b>IP Rating</b>	IP68
<b>IK Rate</b>	IK08
<b>Luminous Flux</b>	/
<b>Beam Angle</b>	8°, 12°, 25°, 30°, 45°, 60°
<b>Working Temperature</b>	-25°C ~55°C
<b>Certificates</b>	/
<b>Warranty</b>	3 Years
<b>Packing Size</b>	/

## Driver Data

<b>Driver Brand</b>	Tridonic, Osram, Philips, Lifud, Euchips, Eaglerise, etc.
<b>Input Voltage</b>	DC24V
<b>Output Voltage</b>	/
<b>Output Current</b>	/
<b>Power Factor</b>	>0.5 as standard; >0.9 optional
<b>Efficiently</b>	87% @230v
<b>IP Rating</b>	IP20
<b>Dimmable</b>	Non-Dimmable/Triac/0-10v/Dali Optional
<b>Free Flicker</b>	Yes
<b>Certificates</b>	CE, CB, CCC, ENEC
<b>Warranty</b>	3/5 Years

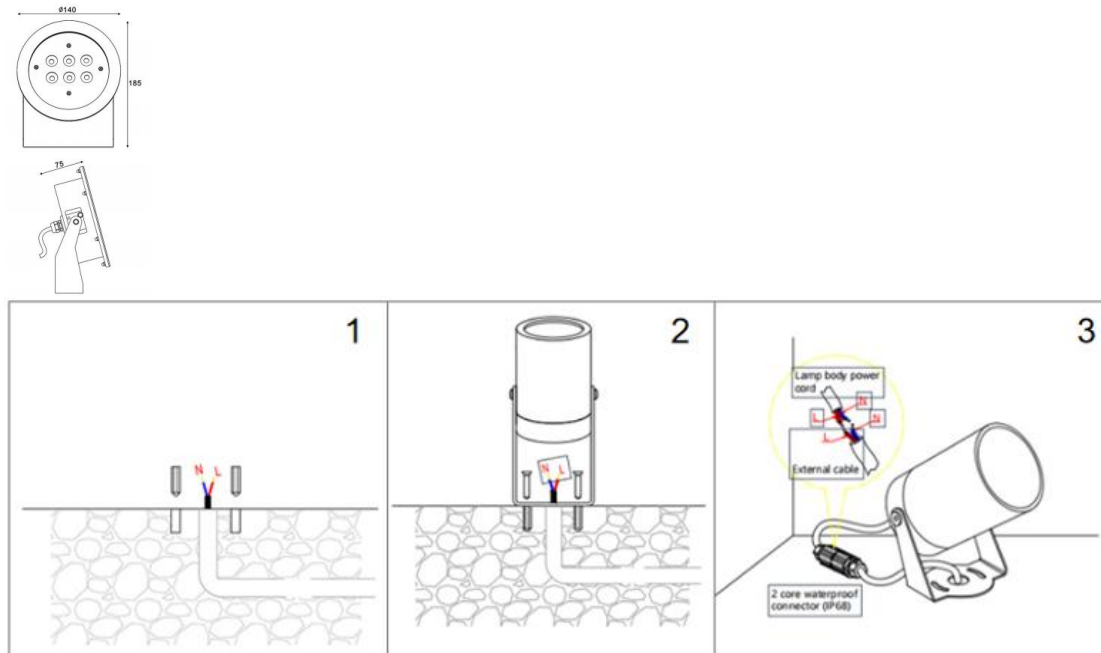
## Material&Housing Data

<b>Housing Color</b>	Silver
<b>Reflector Color</b>	/
<b>Housing Material</b>	316 stainless steel +tempered glass

## Photometric Data

<b>LED chip brand</b>	Cree/ Osram /Bridgelux/ Epistar etc.
<b>Chip Type</b>	SMD
<b>Color Temperature</b>	2700K, 3000K, 4000K, 6000K
<b>CRI</b>	>80
<b>Life time</b>	>50000Hrs
<b>Lumens efficacy</b>	100-120lm/w

## Dimensions&Installation



**PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION.** Please read the instructions before you install and use the underwater light.

1. Make sure the power is turned off in which you are installing the products.
2. Drill holes in the pool according to size, embedded plastic expansion pipe. (fig 1)
3. Use self-tapping screws to fix the lamps. (fig 2)
4. Use 2 core waterproof connector to connect the lamp power cord to the DC24V drive output power cord. (fig 3)
6. Restore power at the source and the installation is complete.