

# PRODUCT DATASHEET

## OUTDOOR LIGHTING | OUTDOOR- UNDERWATER

Outdoor lighting | Recessed mounted linear underwater light | 48w | Square shape  
Code# OTUW17010-48



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### Areas of Application

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

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### Product Features

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

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## Complete Product Data

<b>Code#</b>	OTUW17010-48
<b>Wattage</b>	48w
<b>Installation Type</b>	Recessed
<b>Dimension</b>	1028mm*80mm*60mm
<b>Cutout</b>	1019mm*65mm*72mm
<b>IP Rating</b>	IP68
<b>IK Rate</b>	IK08
<b>Luminous Flux</b>	/
<b>Beam Angle</b>	8°, 12°, 25°, 40°, 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

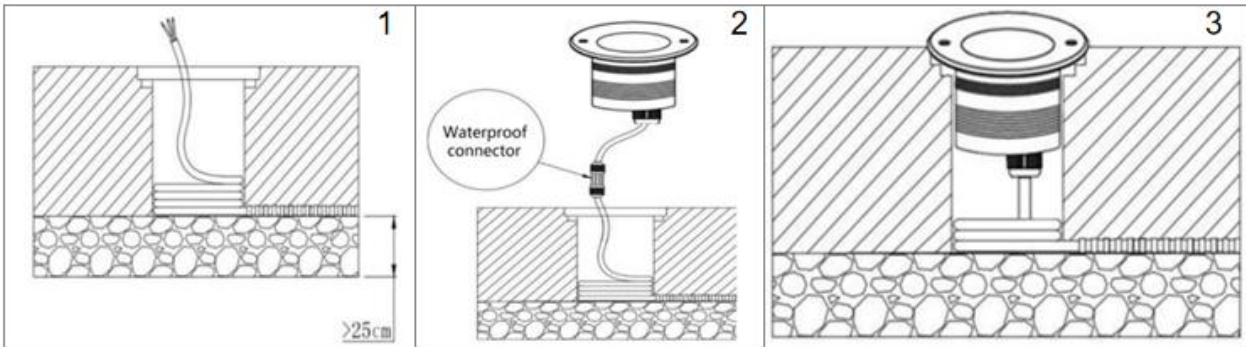
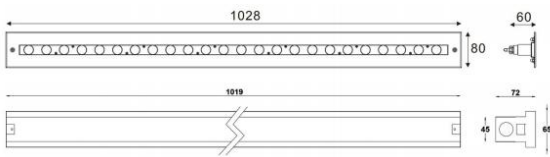
<b>Housing Color</b>	Silver
<b>Reflector Color</b>	/
<b>Housing Material</b>	316 stainless steel + tempered glass

## 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

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## 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. Install the pre-buried bucket underground, the top surface should be at the same level as the ground, and the cable needs to pass through the pre-buried bucket. (Fig 1)
3. Connect the cables to the lights. Keep it long enough for future maintenance. (Fig 2)
4. Put the light fixture into the pre-buried bucket. (Fig 3)
5. Restore power at the source and the installation is complete.