

# HORUS 2 - LED UNDER WATER LIGHT

PROJECT DATA

Assigned code : .....

Project : ..... Location : .....

Approved by : ..... Date : .....



**MODEL: MS5SHR0319D-3x3W**

### Introduction

Horos 2 is the RGBW under water luminaire for outdoor use. The manufacture process is extremely strict, high quality output with CE, ROHS certified. Its excellent light brings comfort and good experience to the users.

### Feature

- Front cover & housing hard chromeplated molding shaped stainless steel SUS 316L#.
- Integrated IC ZCR01P.
- Light window PMMA 8mm.
- Cable gland IP68 PG-11 copper with nickel-coated.
- Gasket silicon gasket.
- PCB excellent heat conductivity aluminum, coefficient of heat conductivity  $\geq 20w/mk$ .
- LED driver constant voltage input, constant current output.
- Power cable optional outside of luminaire H07RN-F 2x1.0+3x0.3mm<sup>2</sup>, with water-stopper, L=1m, 3m, 5m.
- Built-in overheat sensor system automatic shutdown at 75°C.

### Application area

- Applied to pool, fountain lighting projects.

### Mounting type

- Surface mounting.

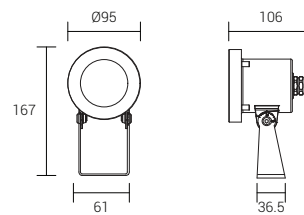
### Approval and marking



### Color temperature



### Dimension: (mm)



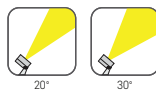
### Control method



### Product color



### Beam angle

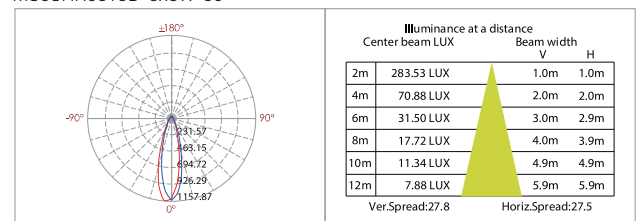


### Technical information

• Model	: MS5SHR0319D-3x3W
• Led chip	: SMD 5050 RGBW 4 in 1
• Rated power	: 3x3W
• Luminous flux	: 433lm
• Luminous efficacy	: 48.1lm/W
• Input voltage	: DC24V
• Color temperature	: RGBW
• Beam angle	: 20°/30°
• Control method	: DMX, DMX/RDM
• Protection grade	: IP68
• IK rating	: IK09
• Operating temperature	: -20°C~40°C
• Product life	: 50000 hours

### Photometric data

MS5SHR0319D-3x3W-30°



We reserve the right to make technical and design changes.

THIEN MINH MECHANICAL - ELECTRIC JSC

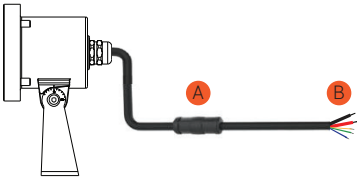
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## Waterproof solution



- A** Water stopper (include)  
A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B** Cable H05RN-F 2×1.0+3×0.3mm<sup>2</sup>.

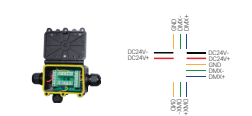
## Accessories



Box A  
MABOX-A



Box B  
MABOX-B



Box C  
MABOX-C



Box D  
MABOX-D



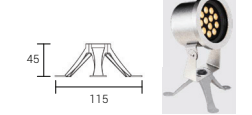
Connector cable 2 cores  
H05RN-F 2×1.0mm<sup>2</sup>



Connector cable 3 cores  
H05RN-F 3×1.0mm<sup>2</sup>



Connector cable 5 cores  
H05RN-F 2×1.0+3×0.3mm<sup>2</sup>



Tripod  
MA5001-TR