

PLATE - LED UNDER WATER LIGHT



MODEL: MS4SPL0620D-6x4W

Introduction

Plate 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 step tempered glass, T=10mm.
- 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+3x0.3mm², 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

- Recessed mounting.

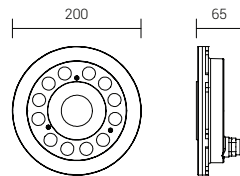
Approval and marking



Color temperature



Dimension: (mm)



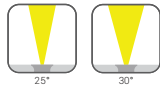
Control method



Product color



Beam angle

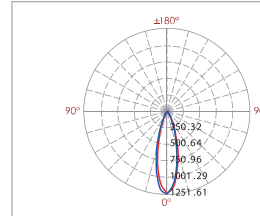


Technical information

• Model	: MS4SPL0620D-6x4W
• Led chip	: SMD 3535 RGBW 4 in 1
• Rated power	: 6x4W
• Luminous flux	: 1914lm
• Luminous efficacy	: 79.7lm/W
• Input voltage	: DC24V
• Color temperature	: RGBW
• Beam angle	: 25°/30°
• Control method	: DMX, DMX/RDM
• Protection grade	: IP68
• Operating temperature	: -20°C~40°C
• Product life	: 50000 hours

Photometric data

MS4SPL0620D-6x4W-25°



	Illuminance at a Distance	
	Center Beam LUX	Beam Width V H
2m	306.35 LUX	1.0m 1.0m
4m	76.59 LUX	2.0m 2.0m
6m	34.04 LUX	3.0m 3.0m
8m	19.15 LUX	4.0m 4.0m
10m	12.25 LUX	5.0m 5.0m
12m	8.51 LUX	6.0m 6.1m
	Vert.Spread:28.0	Horiz.Spread:28.3

We reserve the right to make technical and design changes.

THIEN MINH MECHANICAL - ELECTRIC JSC

Head office: MESTAR Building, No. 98/11 Ung Van Khiem Street, Ward 25, Binh Thanh District, Ho Chi Minh City, Vietnam

Tel: (84) 28.3899 4790 - Email: mestar@mestar.vn - Web: www.mestar.vn



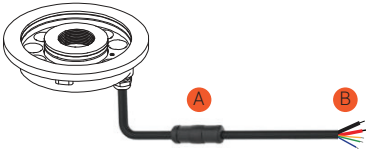
PLATE - LED UNDER WATER LIGHT

PROJECT DATA Assigned code :

Project : Location :

Approved by : Date :

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+3×0.3mm².

Accessories

 Box A MABOX-A	 Box B MABOX-B	 Box C MABOX-C	 Box D MABOX-D	 Connector cable 2 cores H05RN-F 2×1.0mm²
 Connector cable 3 cores H05RN-F 3×1.0mm²	 Connector cable 5 cores H05RN-F 2×1.0+3×0.3mm²			

We reserve the right to make technical and design changes.

