



COMPACT 7

FLOODLIGHTS AND PROJECTORS



COMPACT 7



Introduction

COMPACT 7 is surface architectural floodlight family, adopt isolated two bodies design could have the separate heat dissipation structure to fully ensure the stability and long lifespan of LED light. With multiway rotate function of round support, spike, pole or U-bracket mounting are available to meet various occasions demands for outdoor projects.

Features

- High pressure die-casting aluminum housing.
- High strength toughened glass.
- Surface finish with fluorine carbon spraying ensuring high corrosion resistance, resist the impact and friction.
- LED module: high-power LEDs on metal-core PCB.
- High-efficiency PMMA lens with various beam angle option.
- Adopt American CREE original LED light source, high flux output, excellent consistency of color.
- Constant current AC100-240V driver with On/Off, DALI, 0-10V control method or DC24V, DC36V input voltage with DMX512, RDM control method.
- Single color with various temperature option: 2700K/3000K/4000K/5000K/6000K.
- Dynamic color with RGB option have gray level reach 65,536 degree equally make the light result is more beautiful.
- Powerful DMX512 interface adopt high reliable bus connect, all has the function of automatic addressing.

Applications areas

- Facade of outdoor buildings, billboards, sculptures etc.

Mounting type

- Surface mounting, spike or tile clips mounting etc.

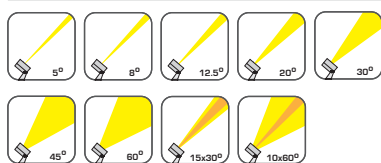
Approvals and markings



Feature



Beam angle



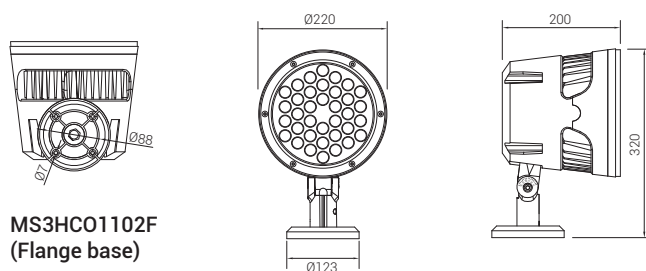
Color temperature

- | | |
|---------------|----------------|
| Single | Dynamic |
| • 2700K | • RGB |
| • 3000K | |
| • 4000K | |
| • 5000K | |
| • 6000K | |

Product colour



Dimension (mm):



We reserve the right to make technical and design changes.

Date: 22-03-2021

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

Ha Noi Office: TT4.18, Xuan Phuong Tasco Urban Area, Xuan Phuong Ward, Nam Tu Liem District, Hanoi City, Vietnam.

Tel: (84) 24.3222 2411

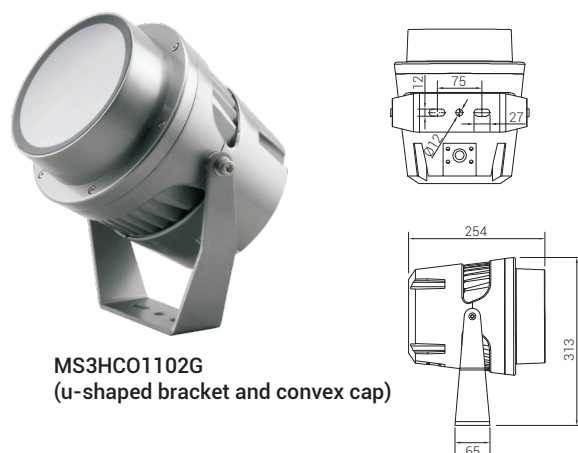


COMPACT 7

Variants



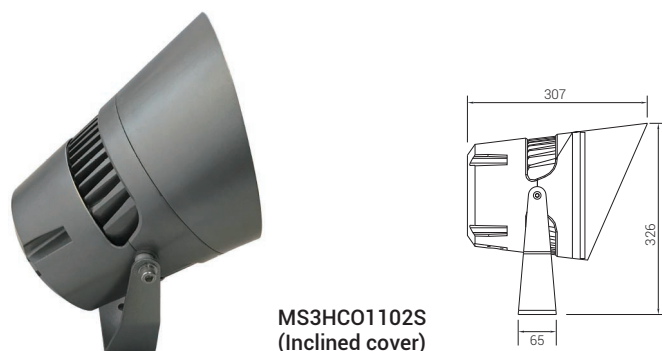
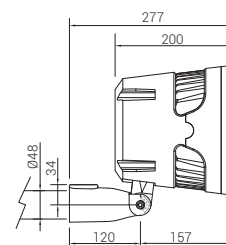
MS3HC01102U
(u-shaped bracket)



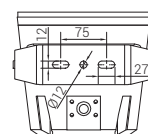
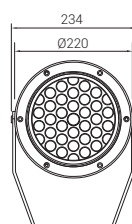
MS3HC01102G
(u-shaped bracket and convex cap)



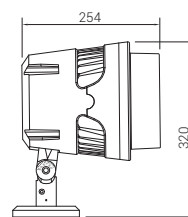
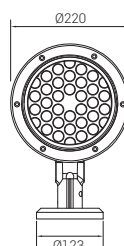
MS3HC01102M
(Ø48-pole mounting part)



MS3HC01102S
(Inclined cover)



MS3HC01102X
(Flange base convex cap)



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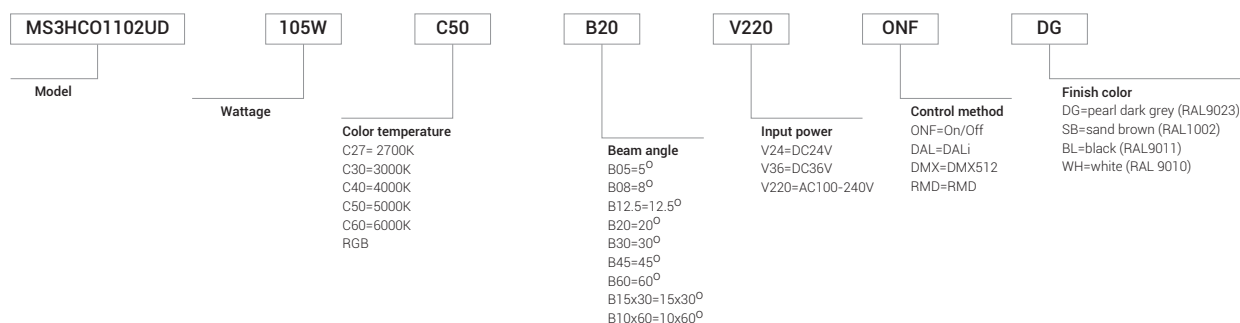
COMPACT 7

Specification

| Model | MS3HCO1102UD-105W | MS3HCO1102UC-86W | MS3HCO1102UB-60W | MS3HCO1102UC-50W |
|---------------------|---|----------------------|----------------------|----------------------|
| Led brand | CREE XP-G3 | CREE | CREE | CREE |
| Led quantity | 36pcs | 36pcs | 36pcs | 24pcs |
| Rated power | 105W | 86W | 60W | 50W |
| Lumen | 6825lm (±10%) | 3440lm/5590lm (±10%) | 2400lm/3900lm (±10%) | 2000lm/2350lm (±10%) |
| Input voltage | AC100-240V | DC24V/AC100-240V | DC24V/AC100-240V | DC36V/AC100-240V |
| Frequency range | 50/60Hz | 50/60Hz | 50/60Hz | 50/60Hz |
| Color temperature | Single | RGB/Single | RGB/Single | RGB/Single |
| Beam angle | 5° 8° 12.5° 20° 30° 45° 60° 15x30° 10x60° | | | |
| Control method | On/Off | On/Off, DALi, 0-10V | DMX512, RDM | DMX512, RDM |
| Protection grade | IP66 | IP66 | IP66 | IP66 |
| Ambient temperature | -25°C~50°C | -25°C~50°C | -25°C~50°C | -25°C~50°C |
| Ambient humidity | 10%~90% | 10%~90% | 10%~90% | 10%~90% |
| Product life | 50000H | 50000H | 50000H | 50000H |

| Model | MS3HCO1102FD-105W | MS3HCO1102FC-86W | MS3HCO1102FB-60W | MS3HCO1102FC-50W |
|---------------------|---|------------------|------------------|------------------|
| Led brand | CREE | CREE | CREE | CREE |
| Led quantity | 36pcs | 36pcs | 36pcs | 24pcs |
| Rated power | 105W | 86W | 60W | 50W |
| Lumen | 6825lm (±10%) | 5590lm (±10%) | 3900lm (±10%) | 2350lm (±10%) |
| Input voltage | AC100-240V | AC100-240V | AC100-240V | AC100-240V |
| Frequency range | 50/60Hz | 50/60Hz | 50/60Hz | 50/60Hz |
| Color temperature | Single | Single | Single | Single |
| Beam angle | 5° 8° 12.5° 20° 30° 45° 60° 15x30° 10x60° | | | |
| Control method | On/Off | On/Off | On/Off | On/Off |
| Protection grade | IP66 | IP66 | IP66 | IP66 |
| Ambient temperature | -25°C~50°C | -25°C~50°C | -25°C~50°C | -25°C~50°C |
| Ambient humidity | 10%~90% | 10%~90% | 10%~90% | 10%~90% |
| Product life | 50000H | 50000H | 50000H | 50000H |

Typical order example



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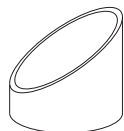
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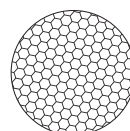


COMPACT 7

Accessories



Anti-glare shield
MA-1102-AGS



Honeycomb grill
MA-1102-HGR

| | | |
|-------------------|---|---|
| MS3HC01102UD-105W | • | • |
| MS3HC01102UC-86W | • | • |
| MS3HC01102UB-60W | • | • |
| MS3HC01102UC-50W | • | • |
| MS3HC01102FD-105W | • | • |
| MS3HC01102FC-86W | • | • |
| MS3HC01102FB-60W | • | • |
| MS3HC01102FC-50W | • | • |

Connection Accessories



Connector 3 pin - IP68

MA-M684-03



T Connector 3 pin - IP68

MA-M685T-03



Y Connector - IP68

MA-M685Y-03



Junction box 3 holes - IP68

MA-M686-03

