



UPPER 7

IN-GROUND LUMINAIRES

We reserve the right to make technical and design changes.

Date: 22-03-2021

THIEN MINH MECHANICAL - ELECTRIC JSC

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UPPER 7



Introduction

UPPER 7 is vertical illuminance luminaires applicable to the ground or floor, designed for fitting High Power LED source. Single color version or dynamic RGB color for upward lighting emitted. Power supply AC100-240V with constant current integrated driver or DC24V input voltage. Cover frame, bolts and screws made of polished stainless steel, body are made of high pressure die-casting aluminum. Mounting sleeve box for installation consist of aluminum alloy compression forming come with main product.

Features

- The body are made of high pressure die-casting aluminum.
- Cover are made of stainless steel.
- High strength toughened clear glass.
- LED module: High-power LEDs on metal-core PCB.
- High-efficiency PMMA lens with multi beam angle option.
- Adjustability: 10°.
- Adopt American CREE original LED light source, high flux output, excellent consistency of color.
- Constant current AC100-240V driver or DC24V input voltage or DMX 512 control system.
- 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.

Installation instruction

- The product is secured to the outer sleeve by means of four TORX-type screws. The luminaire can be installed in-ground, floor standing.

Applications areas

- Vertical illuminance for brightening the surroundings and segmenting the exterior landscape...

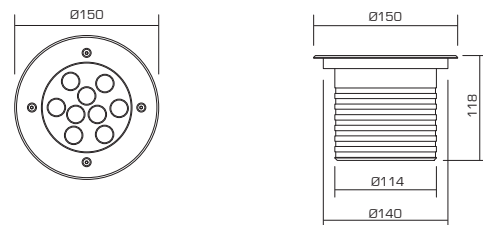
Mounting type

- Ground recessed, floor recessed.

Approvals and markings



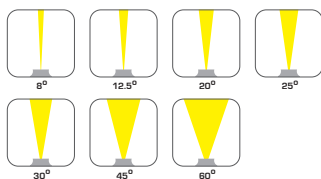
Dimension (mm):



Feature



Beam angle



Color temperature

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

Product colour



Stainless steel



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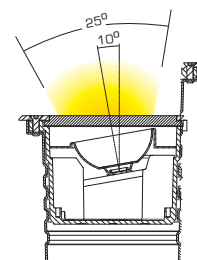
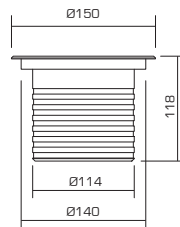
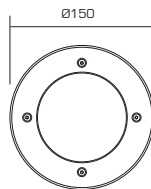


UPPER 7

Variants



MS2HUP2109C-12W



Specification

Model	MS2HUP2109CB-16W	MS2HUP2109CA-11W	MS2HUP2109C-12W
Led brand	CREE	CREE	CREE COB
Led quantity	9pcs	9pcs	1pc
Rated power	16W	11W	12W
Lumen (RGB)	640lm	440lm	/
Lumen (Single)	1040lm	715lm	684lm
Input voltage	DC24V/AC100-240V	DC24V/AC100-240V	DC24V/AC100-240V
Frequency range	50/60Hz	50/60Hz	50/60Hz
Color temperature	RGB/Single	RGB/Single	Single
Beam angle	8° 12.5° 20° 30° 45° 60°	8° 12.5° 20° 30° 45° 60°	25° Asy.10°
Control method	On/Off, DMX512	On/Off, DMX512	On/Off
Protection grade	IP67	IP67	IP67
Ambient temperature	-25°C~50°C	-25°C~50°C	-25°C~50°C
Ambient humidity	10%~90%	10%~90%	10%~90%
Product life	50000H	50000H	50000H

Typical order example

MS2HUP2109CB	16W	C50	B30	V24	ONF	SS
Model MS2HUP2109CB MS2HUP2109CA MS2HUP2109C	Wattage 11W 12W 16W	Color temperature C27=2700K C30=3000K C40=4000K C50=5000K C60=6000K RGB=RGB	Beam angle B8=8° B12.5=12.5° B20=20° B25=25° B30=30° B45=45° B60=60°	Input power V24=DC24V V220=AC100-240V	Control method ONF=On/Off DMX=DMX512	Finish color SS=Stainless steel

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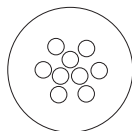
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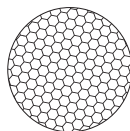


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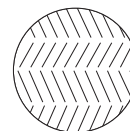
Accessories



Square-meshed grill

MA-2109-SMG


Honeycomb grill

MA-2109-HGR


Anti-slip glass

MA-2109-AGL

MS2HUP2109CB-16W	•	•	•
MS2HUP2109CA-11W	•	•	•
MS2HUP2109C-12W	•		•

Connection Accessories



Connector 3 pin - IP68

MA-M684-03


T Connector 3 pin - IP68

MA-M685T-03


Y Connector - IP68

MA-M685Y-03


Juntion box 3 holes - IP68

MA-M686-03
