

**UPPER 11**

## IN-GROUND LUMINAIRES

*We reserve the right to make technical and design changes.*

*Date: 22-03-2021*

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# UPPER 11



## Introduction

UPPER 11 is vertical illuminance luminaires applicable to the ground or floor, designed for fitting High Power LED source. Single color version or dynamic RGB, RGBW color for upward lighting emitted. Power supply AC100-240V with constant current integrated driver or DC24V, DC36V 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.
- Adopt American CREE original LED light source, high flux output, excellent consistency of color.
- Constant current AC100-240V driver with On/Off or DC24V, DC36V input voltage with DMX 512 control system.
- Single color with various temperature option: 2700K/3000K/4000K/5000K/6000K.
- Dynamic color with, RGB, RGBW 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.

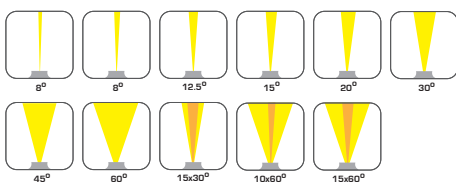
## Approvals and markings



## Feature



## Beam angle



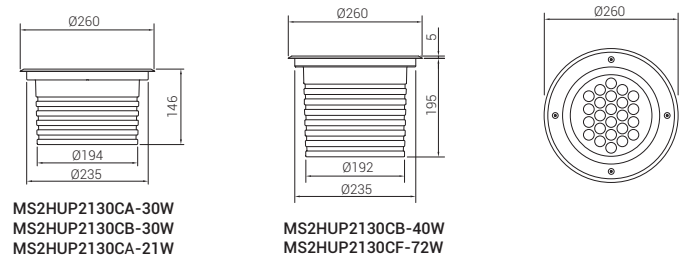
## Color temperature

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

## Product colour



## Dimension (mm):



# UPPER 11

## Specification

Model	MS2HUP2130CB-40W	MS2HUP2130CA-30W	MS2HUP2130CB-30W
Led brand	CREE	CREE	CREE
Led quantity	24pcs	24pcs	18pcs
Rated power	40W	30W	30W
Lumen (RGB)	1600lm (±10%)	1200lm (±10%)	1200lm (±10%)
Lumen (Single)	2600lm (±10%)	1950lm (±10%)	1950lm (±10%)
Input voltage	DC36V/AC100-240V	DC24V/AC100-240V	DC24V/AC100-240V
Frequency range	50/60Hz	50/60Hz	50/60Hz
Color temperature	RGB/Single	RGB/Single	RGB/Single
Beam angle	5° 8° 12.5° 20° 30° 45° 60° 15X30° 10X60°		
Control method	DMX512, 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

## Specification

Model	MS2HUP2130CA-21W	MS2HUP2130CF-72W
Led brand	CREE	CREE RGBW 4 in 1
Led quantity	18pcs	9pcs
Rated power	21W	72W
Lumen (RGB/RGBW)	840lm (±10%)	2880lm (±10%)
Lumen (Single)	1365lm (±10%)	/
Input voltage	DC24V/AC100-240V	DC24V/AC100-240V
Frequency range	50/60Hz	50/60Hz
Color temperature	RGB/Single	RGBW
Beam angle	5° 8° 12.5° 20° 30° 45° 60° 15X30° 10X60°	15° 20° 30° 15X60°
Control method	DMX512, On/Off	DMX512
Protection grade	IP67	IP67
Ambient temperature	-25°C~50°C	-25°C~50°C
Ambient humidity	10%~90%	10%~90%
Product life	50000H	50000H

## Typical order example

<b>MS2HUP2130CB</b>	<b>40W</b>	<b>C50</b>	<b>B30</b>	<b>V220</b>	<b>ONF</b>	<b>SS</b>
Model	Wattage	Color temperature C27=2700K C30=3000K C40=4000K C50=5000K C60=6000K RGB=RGB RGBW=RGBW	Beam angle B5=5° B45=45° B8=8° B60=60° B12.5=12.5° B15x30=15x30° B15=15° B10x60=10x60° B20=20° B15x60=15x60° B30=30°	Input power V24=DC24V V36=DC36V V220=AC100-240V	Control method ONF=On/Off DMX=DMX512	Finish color SS=stainless steel

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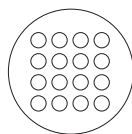
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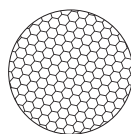


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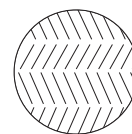
## Accessories



Square-meshed grill

**MA-2130-SMG**


Honeycomb grill

**MA-2130-HGR**


Anti-slip glass

**MA-2130-AGL**

MS2HUP2130CB-40W	•	•	•
MS2HUP2130CA-30W	•	•	•
MS2HUP2130CB-30W	•	•	•
MS2HUP2130CA-21W	•	•	•
MS2HUP2130CF-72W	•	•	•

## 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**
