ORSENSO

MARLIN 100
IP67 Urban light fixture

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High performance, high power, high intensity, highly saturated light, designed to light outdoor monuments.

MARLIN holds a unique combination of High Power LEDs and very efficiant lenses, that allows it to reach the high lumens output needed to light in outdoor large scale monuments.

The wide spectrum and vivid colors are achieved by using unique combination of up to 3 different types of LEDs

The heat sink is designed for high dissipation of the heat to ensure safe and long operation use.

MARLIN special PMMA lens is not only 94% efficient, it is also suitable for outdoor use with respect to exposure to UV light and Water Exposure in accordance with UL 746C.

MARLIN has a Custom-design Stainless Steel mounting bracket for adjusting tilt, it can be ordered according to the project's need (depends on QTY).

Adjustable color temperature and adjustable dimming levels manually or programmable via proprietary controller(optional).

Features:

- Wide Spectrum for better light, color and human health
- Various color temperatures
- 3 different types of LEDs
- 4 different types of lenses
- Power consumption: 100W
- Remote driver for better longevity
- IP67
- 24V DC
- Homogenous light output
- Guaranteed long life time and high performance
- Custom made Barndoors (optional)
- Dimmer control (optional)

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TECHSPEC

Output

Number Of LEDs	36
Type of LEDs	HP OSRAM or LUMILEDS LEDs
Color Temprature (K)	2,700 / 3,000 / 5600
Luminous flux (lm)	7,222 / 9,237 / 11,167 Net
CRI	80 / 90 min
Optics	High precision optical grade PMMA
Beam angle	Spot/Medium/Wide/Oval
Efficiency (%)	94

Electrical

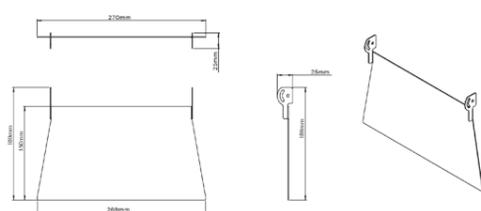|	
Lamp power (W)	100W
Main voltage	110-277VAC (to Driver)
Fixture Input Voltage	24V DC
Control	N.O. (Normaly ON)
Driver	External IP67 (fan-less)
Rise time	< 1 sec
Input cable	5m IP rated neoprene H07RN-F

Environmental

Operating Temp.	-20°C ~ 40°C / -4°F ~ 104°F
Projected lifetime	L70 over 50,000
Environment	Dry, Damp or Wet Locations, 0-100% humidity
Degree of protection (IP)	67

Physical

Housing	20μ Anodized marine grade Aluminum
Bracket	Passivated SAE 304 Stainless-steel
Fasteners	Passivated SAE 304 Stainless-steel
Length	268mm
Width	225 mm
Height	52mm/ 106 mm (including junction box)
Fixture Weight	4.6 kg

ACCESSORIES

Barndoors*

* Optional, to be purchased separately

DIMENSIONS