

WOX DMX512/RDM

Datasheet

WOX series luminaires deliver stunning performances from an extremely compact body. Perfectly meeting the demanding needs of the most creative architectural lighting spaces, these flexible and versatile luminaires are available in a variety of optical configurations and body finishes.

With DMX512/RDM support, instant status of all LEDs on the luminaire can be monitored. Vibrant and pastel hues are accurately reflected with color depth and gamma corrections. With their high climatic protection class, they work smoothly in harsh environmental conditions

Options



Red Green
Blue



Red Green
Blue White



Tunable
White
3000K 5000K
6500K

Control

DMX512/RDM



General Specifications

- With its **aluminum extrusion body and tempered glass**, it is designed to operate smoothly for many years under harsh environmental conditions.
- It has universal operating voltage of **120/220VAC**.
- With **DMX512/RDM** protocol support, luminaires self-test and provide status and fault detection reports.
- It provides visual harmony to architectural structures with its **body color options**.
- Due to **DMX512/RDM** protocol support, it provides full compatibility with external control software such as **Madrix 5, Madrix Radar, ENTTEC ELM**.
- It allows versatile use with its **compact structure and high efficiency LEDs**.
- It is compatible with various architectural structures with its **wide lens options**.



RDM

- With the DMX512/RDM Protocol, two-way communication is provided for LED luminaires. In this way, it is ensured that the systems are sustainable by receiving feedback from the luminaires. From all product ranges in the Wox DMX512/RDM product family; Temperature, Input Voltage, Working Time, Working Current information are instantly transferred to the control computer.
- With the Wox DMX512/RDM product family, fault detection of all luminaires can be made uniquely from its competitors. In this way, malfunctions occurring in the systems are tracked from the control computer and transmitted instantly to authorized persons via e-mail.
- In addition to fault detection, when requested, faulty luminaires are automatically disabled by the system, preventing the formation of a bad image on the building.

Technical Specifications

General

| | |
|-------------|--------------|
| Control | DMX512/RDM |
| Color depth | 16,7 Million |

Physically

| | |
|---------------------|---------------------|
| Size | (A*) x 100mm x 85mm |
| Body | Aluminium Extrusion |
| Connections | IP67 Connector |
| Working Temperature | -25°C ~ +50°C |
| Protection Class | IP67 |

* Product lengths may vary. For details, see the technical drawing section.

Optical

| | |
|------------|---|
| Işık Akısı | (*1) 1170lm, 2340lm, 3510lm, 4680lm |
| Lens Açısı | (*2) 2160lm, 4320lm, 6480lm, 8640lm 10°, 25°, 45°, 60°, 10°x35°, 10°x60° |

*1 Lumen values are given for RGB LEDs for WOX1, WOX2, WOX3, and WOX4, respectively.

*2 Lumen values are given for Tunable White LEDs for WOX1, WOX2, WOX3 and WOX4, respectively.

Electrical

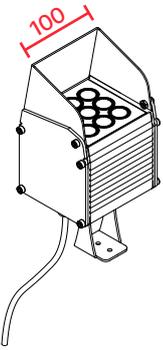
| | |
|-------------------|------------------------|
| Power | (*1)18W, 36W, 54W, 72W |
| Operating voltage | 110/220VAC |

* Power values are given for WOX1, WOX2, WOX3 and WOX4 and when all leds are on at full power, respectively.

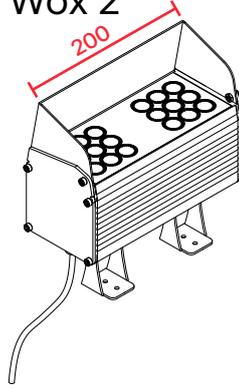
It offers compact design with built-in power supply and DMX512/RDM driver

Technical Drawing

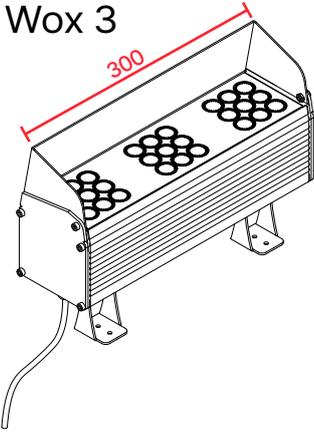
Wox 1



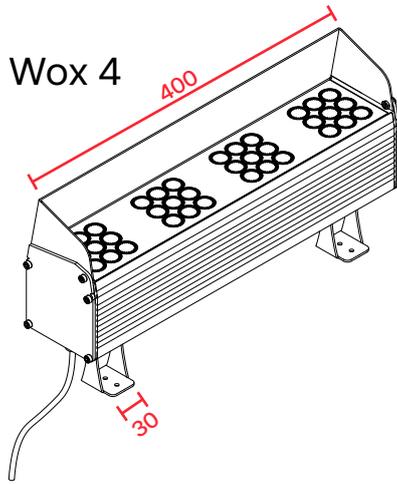
Wox 2



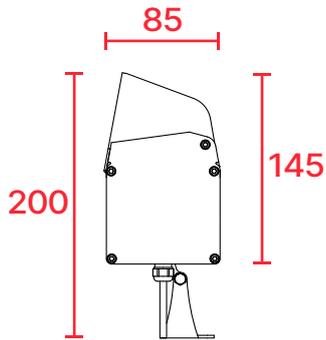
Wox 3



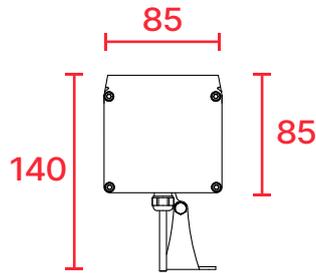
Wox 4



Options



With antiglare



Without antiglare

All dimensions are in millimeters

Accessories

Connection Accessories



Extension cable



Input cable

Mounting Accessories



Mounting bracket



Socket Pliers



M4 Allen Key

Connection Diagram

