SACRA 1/2/3/4 DMX/RDM

Datasheet

Sacra 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

RGB
Red Green Blue

RGBW
Red Green Blue White

Tunable White
3000K 5000K 6500K

Control

DMX512/RDM

SACRA 1

SACRA 2

SACRA 4

SACRA 3

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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.

CE RoHS COMPLIANT IP67 DMX RDM

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 Sacra DMX512/RDM product family; Temperature, Input Voltage, Working Time, Working Current information are instantly transferred to the control computer.

With the Sacra 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.

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Technical Specifications

General

Control	DMX512/RDM
Color depth	16,7 Million

Physically

Size	3 11⁄32'' x 3 11⁄32''
Body	Aluminium Extrusion
Connections	IP67 Connector
Working Temperature	-13 °F ~ 122°F
Protection Class	IP67

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

Optical

Luminous Flux	(*1) 1170lm, 2340lm, 3510lm, 4680lm
Beam Angle	(*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

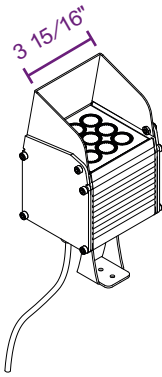|	
Power	(*)18W, 36W, 54W, 72W
Operating voltage	110/220VAC

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

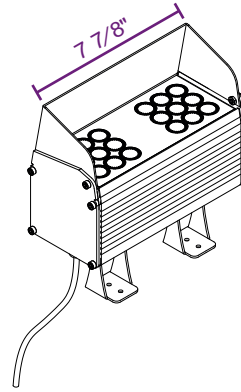**It offers compact design with built-in power supply and DMX512/RDM driver**

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Technical Drawing

Sacra 1

3 15/16"

Sacra 2

7 7/8"

Sacra 3

11 13/16"

Sacra 4

15 3/4"

30

Options

3 11/32"

7 7/8

5 45/64"

With antiglare

3 11/32"

3 11/32"

5 33/64"
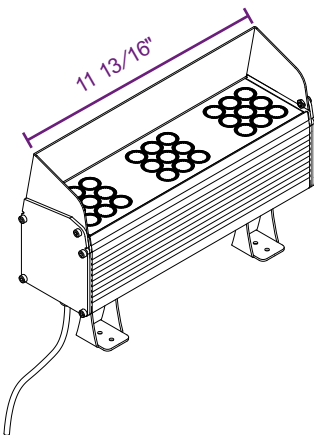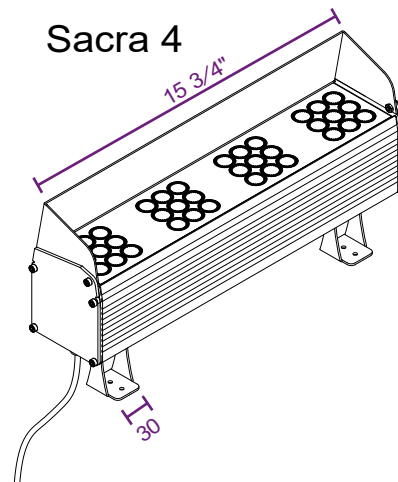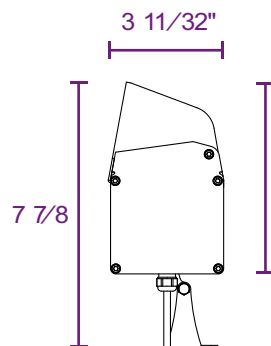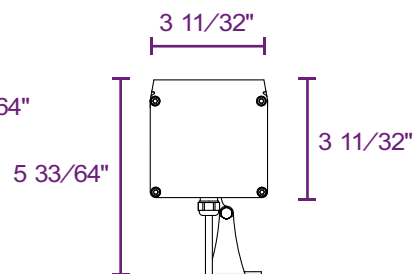
Without antiglare

All dimensions are in inches

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Accessories

Connection Accessories

Extension cable

Input cable

Mounting Accessories

Mounting bracket

Socket Pliers

M4 Allen Key

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Connection Diagram

ENTTEC ELM, MADRIX 5 or any ArtNET Control Software

CAT6

ArtNET DMX
Controller

↑ Indoor

↓ Outdoor

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