

Design Spot LED Dimensions

The Design Spot LED by Elation Professional features an LED light source with equal output to a 250W discharge. Total lumens output for this fixture is 1989 LUX / 185 FC at 5m at full and produces a 15° beam angle. This fixture has three selectable operating modes: sound activated, stand alone and DMX control mode. In DMX control mode the Color Tone 50 can be operated in two DMX channel modes: 3 and 7 channel mode. Control data input is via 3 pin or 5 pin DMX data first in and out connections. The Design Spot LED is designed for indoor use only and features long life LED technology with an estimated 50,000 hour LED lamp life.

PRODUCT FEATURES

- . LED lamp source with equal output to 250W discharge
- . 15° beam angle
- . Motorized focus
- . Improved optics and flat beam field
- . 3 Facet Rotating / Indexing Prism
- . Variable Frost Filter (Hybrid Effect for Wash)
- . Motorized Iris
- . Variable speed Shutter / Strobe
- . Color wheel: 8 replaceable dichroic colors plus white, with two direction rainbow effect
- . 14 Gobos
- . Two gobo wheels
- . Gobo wheel 1: 7 rotating / indexing replaceable gobos
- . Gobo wheel 2: 7 replaceable static gobos. 4 metal, 3 glass gobos
- . Gobo Size 26.9mm (outside dimensions) / 23mm (inside dimensions)
- . Pan / Tilt 540/630 x 265
- . Automatic Pan / Tilt correction
- . Pan / Tilt locking system
- . LCD display
- . Reversible display option, 180° flip
- . USITT DMX-512 Complaint
- . 16 prism macros
- . 8 built-in programs
- . 16 bit mode
- . 3 operation modes: DMX controlled, stand alone or sound activated

TECHNICAL SPECIFICATIONS

- . **DMX Channels:** 16 DMX channels
- . **Control:** USITT DMX-512 Complaint, 3 Pin & 5pin DMX, RDMX addressing
- . **Strobe:** 0-18 flashes per second and pulse effect
- . **Dimmer:** Mechanical Dimmer 0-100%
- . **Cooling:** Fan cooled
- . **Total Lumens:** 1989 Lux / 185 fc at 16 feet / 5 meters at full
- . **Lamp:** CBM-360-W LED 90Watt
- . **Lamp life:** 50,000 hours, 6500° K, CRI=70

ENVIRONMENTAL SPECIFICATIONS

- . **Max Ambient Temperature:** 45°C
- . **IP Level:** IP 20
- . **dB Rating:** 55 dB at 3'
- . **Rigging:** Hanging yoke
- . **Approvals:** CE approved

ELECTRICAL SPECIFICATIONS

- . **Ballast:** User selectable power supply (internal tap)
- . **Power Supply:** 120v-240V 50/60hz
- . **Power Consumption:** 240W MAX
- . **Dimensions:** 6.75" x 16.75" x 19.75" / 425.45mm x 425.45mm x 501.65mm
- . **Weight:** 48.5 lbs / 22 kg





COLORS

- . Color wheel: 8 replaceable dichroic colors plus white, with two direction rainbow effect

Gobos

- . 14 Gobos
- . Two gobo wheels
- . Gobo wheel 1: 7 rotating / indexing replaceable gobos
- . Gobo wheel 2: 7 replaceable static gobos. 4 metal, 3 glass gobos
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Prism Effect



Frost Effect

Rotating Gobo Wheel



Static Gobo Wheel



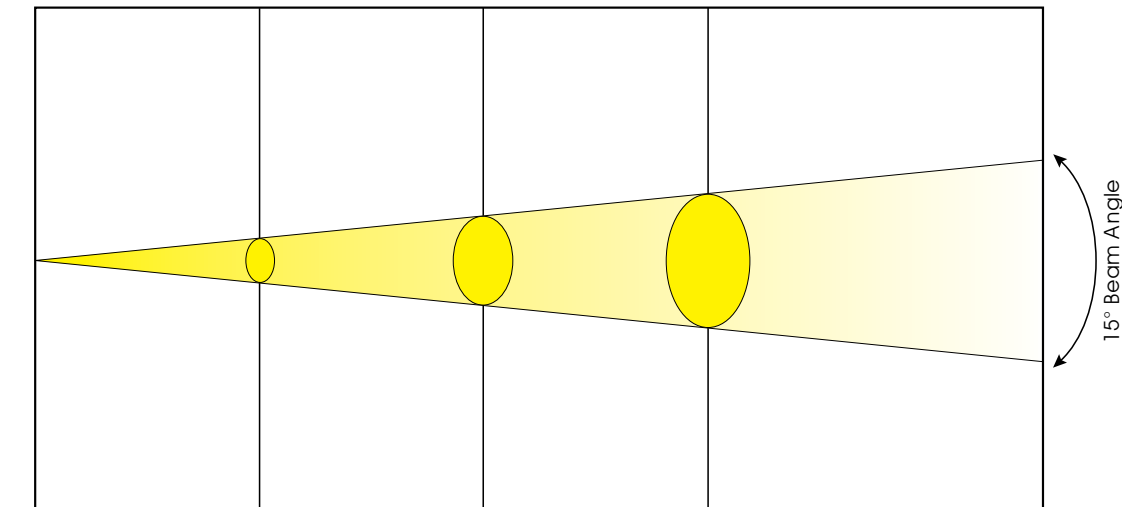
PHOTOMETRIC DATA

Design Spot LED Photometric Beam Angle Data

15° Beam Angle

LUX x 0.0929 = FC

765 FC / 8232 LUX 185 FC / 1989 LUX 82 FC / 880 LUX



0 m / 0 ft 2.5 m / 8 ft 5 m / 16 ft 7.5 m / 25 ft

Beam Diameter

15° Beam Angle	Ø 0.66 m / Ø 2.17 ft	Ø 1.32 m / Ø 4.33 ft	Ø 1.98 m / Ø 6.50 ft
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DMX TRAITS

13 Channel Mode:

Channel	Value	Function
1	0 - 255	Pan movement 8 bit
2	0 - 255	Pan fine 16 bit
3	0 - 255	Tilt movement 8 bit
4	0 - 255	Tilt fine 16 bit
5	0 - 255	Color wheel
6	0 - 255	Rotating gobos, continuous rotation
7	0 - 255	Rotating gobo index, rotating gobo rotation
8	0 - 255	Fixed gobos
9	0 - 255	3 facet rotating prism, prism/gobo macros
10	0 - 255	Focus
11	0 - 255	Shutter/strobe
12	0 - 255	Dimmer
13	0 - 255	Iris
14	0 - 255	Frost
15	0 - 255	Speed pan/tilt movement
16	0 - 255	Lamp on/off, reset, internal programs

Product Order Code	Description
EDS488	Design Spot LED; 90W LED Moving Head Hybrid Spot / Wash