

Technical Brochure

REFLECTION
LEDKO™ EXT D

Reflection Series





Reflection LEDko EXT D

KEY FEATURES

- 200 W LED light source
- Thick aluminum, long lasting light source in long lasting body
- No maintenance required
- Profile Zoom 14° - 35°



Reflection LEDko EXT D

SPECIFICATIONS

Fixed white color temperature 5600 K

Four blade framing system, each shutter blade is adjustable for radial position and angle

Internal gobo holder

Electronic 16 bit dimming with 2 selectable curves, simulating halogen or discharge lamp based fixtures

Synchronized, random or pulse electronic strobe

Flicker-free operation with LEDs frequency controlled via DMX from 600 Hz to 19000 Hz

Fan setting with 2 different options (Auto, Silent)

Weatherproof rating IP65

Profile zoom 14° - 35°

PHYSICAL SIZE

Length: 658 mm (25.9 in)

Width: 252.6 mm (9.94 in)

Height: 248 mm (7.0 in)

Height with bracket: 405 mm (15.94 in)

Weight: 16.0 Kg (35.2 lbs)

LIGHT SOURCE

Modular 200 W COB LED, CRI 90

LEDs life: 20000 hours at 70% lumen intensity maintenance

CONTROL PROTOCOL AND PROGRAMMING

USITT DMX512A

Setting, addressing, testing and measurements via LEDs display

DMX channel: 5/1

RDM

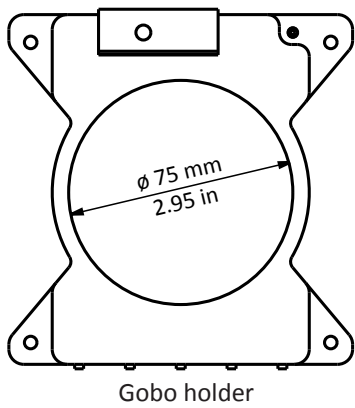
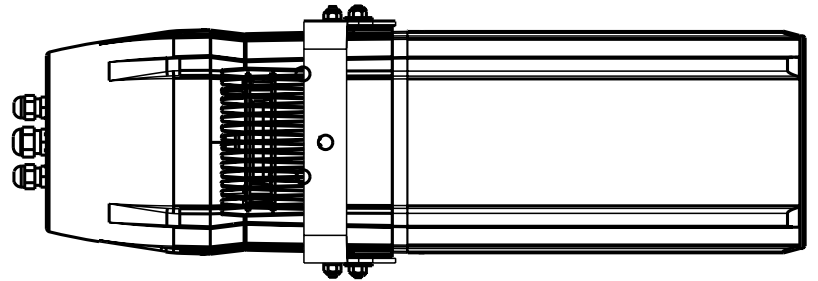
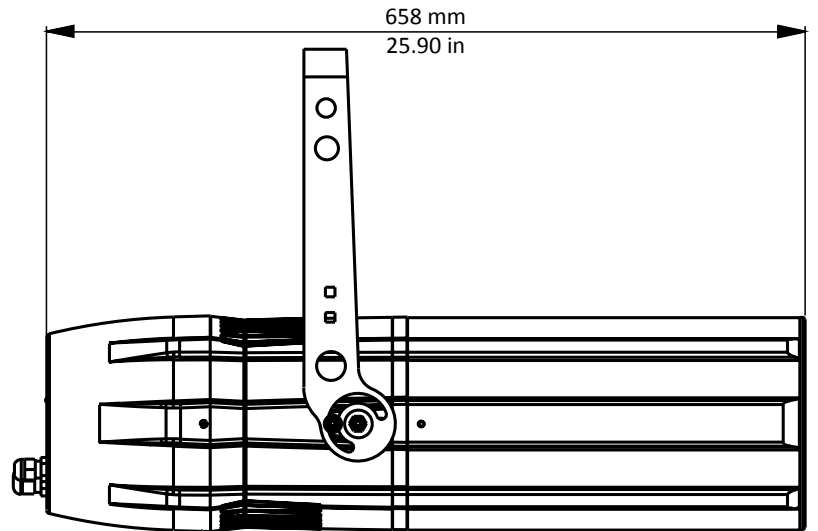
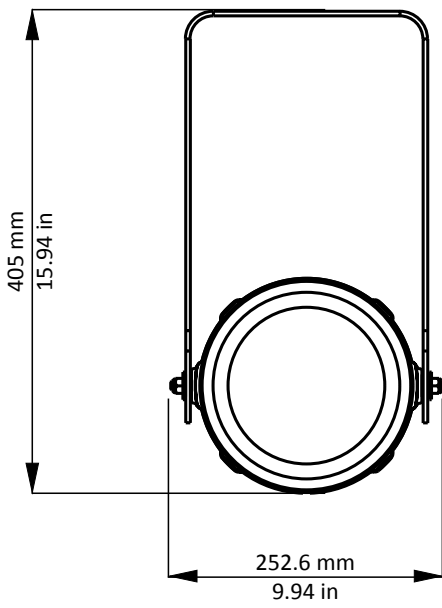
ELECTRICAL SPECIFICATIONS/CONNECTIONS

AC power: 90-230V, auto sensing, 50/60 Hz

Internal cable without power plug

Power consumption: 1 A at 230 V, 2.6 A at 90 V - $\cos\phi$ 0,9

DMX data in/out: 5 pin locking XLR

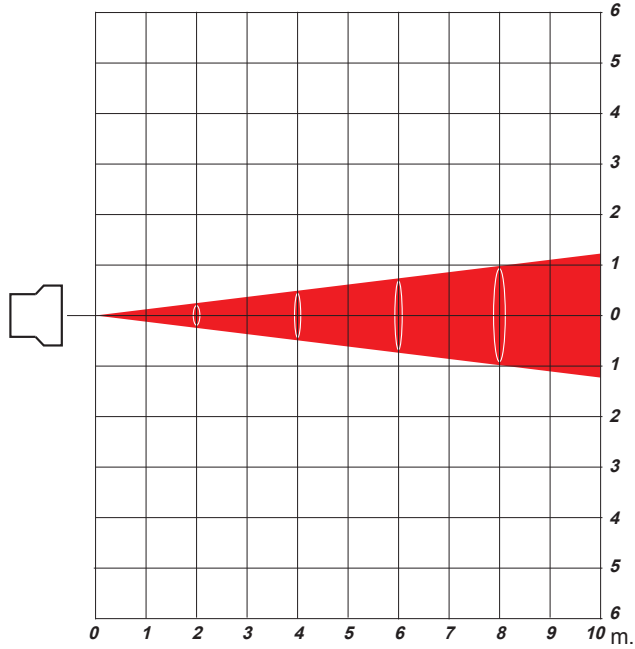


| DMX Chart 5 Channels | |
|-----------------------------|-------------------|
| channel | effect |
| 1 | Master dimmer |
| 2 | Spare channel |
| 3 | Dimmer fine |
| 4 | Strobe |
| 5 | Special functions |

| DMX Chart 1 Channels | |
|-----------------------------|---------------|
| channel | effect |
| 1 | Master dimmer |

Profile 14°/35° Zoom min.

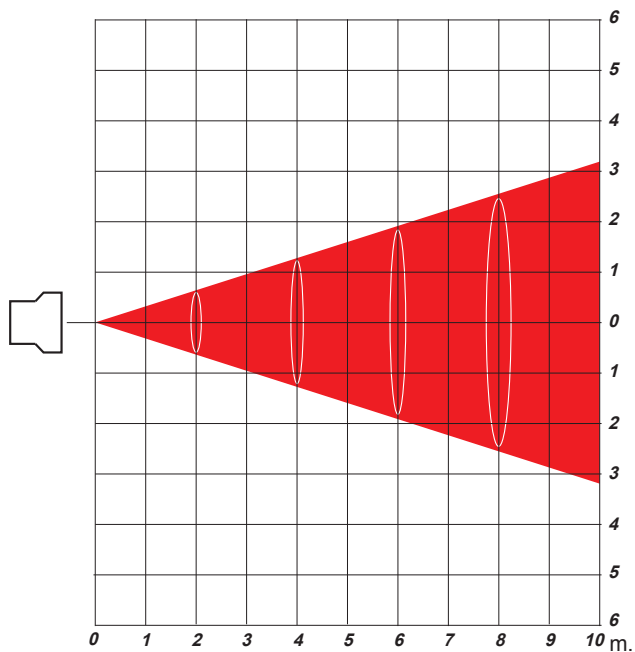
| Distance (m.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|--------|-------|-------|-------|------|------|------|------|------|------|
| Luminous emittance (Lux) | 226800 | 56700 | 25200 | 14175 | 9072 | 6300 | 4629 | 3544 | 2800 | 2268 |
| ∅ (m.) | 0.25 | 0.49 | 0.74 | 0.98 | 1.23 | 1.47 | 1.72 | 1.96 | 2.21 | 2.46 |



Angle: 14°

Profile 14°/35°- Zoom max.

| Distance (m.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|-------|------|------|------|------|------|------|------|------|------|
| Luminous emittance (Lux) | 38754 | 9689 | 4306 | 2422 | 1550 | 1077 | 791 | 606 | 478 | 388 |
| ∅ (m.) | 0.63 | 1.26 | 1.89 | 2.52 | 3.15 | 3.78 | 4.41 | 5.04 | 5.68 | 6.31 |



Angle: 35°



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