LEDko EXT T/D
Dual Gobo Rotator +

Product code:
F128E001A (T CRI 80)
F128C001A (T CRI 90)
F128F001A (D CRI 80)
F128D001A (D CRI 90)

Last update:
19/04/2023

LEDko EXT T/D Dual Gobo rotator

Introducing

● The **LEDko EXT family** has been designed to meet the needs of architects and lighting designers, who were looking for **weatherproof lighting fixtures** suitable not only for temporary, but also for **permanent outdoor installations**.

This unique IP 65 LED Profile Spot Light includes a **dual gobo rotator engine** controllable by DMX: in this way the two gobos can be used at the same time in counter-rotation to create impressive dynamic effects such as water, fire, rain, etc.

The **four-blade framing system** is however available as an accessory and can be used instead of the dual gobo rotator.

A **zoom lens** system ranging from 14° to 35°, 10° to 25°, 30° to 60° or fixed at 80°, bare ends power input cable and in/out 5 pin XLR connectors for DMX signal rated IP 65 complete the product profile. The fixture has in addition a **lockable display** thanks to a freely selectable security pin code.

Fixed white CCT (3.200 K or 5.600 K) and RGBLA color versions available.

Key Features

● Spot projector for dynamic lighting effects
● Dual gobo rotator engine controllable by DMX
● Tungsten or Daylight COB LED

● CCT Fixed White 3.200K or 5.600K

● IP65 (weatherproof)
● For permanent outdoor installation

● Available zoom: 14°-35°, 10°-25°, 30°-60° and optic 80°

● Four blade framing system (optional accessory)

● Die-cast aluminum

● Custom color on request (optional)

● European Conformity certification

General

● LED Source	Tungsten or Daylight COB LED
● CCT Range	● ● ● ● ● Fixed White 3.200 K or 5.600 K
● Color Rendition Average	CRI> 80 or CRI> 90
● Dimming	Smooth 100% to 0%, 5 Selectable Curves - Exponential, Logarithmic, Linear, Halo and Standard
● Dimming Smooth Selection	Fast, Slow and Very Slow
● Strobe	Pulse electronic strobe
● Rotating gobo	Yes, two overlapping rotating gobos (optional)
● Lens	Zoom from 14° to 35°, from 10° to 25°, 30° to 60° and optic 80°
● Camera flicker control/Hz range	Flicker-free operation with LEDs frequency controlled via DMX from 600 to 20.000 Hz
● Calibrated Cob	Yes
● L80 Rating (hours to 80% output)	50.000 Hours
● Pattern Projection	Yes
● Pattern Size	A or B Gobo outside diameter= 86 mm / 3.38 in Max image diameter= 64.5 mm / 2.53 in

Electrical

● Voltage Input	80-264 V, 50/60 Hz, auto-sensing
● Power Consumption	285 W Maximum - 1.26 A at 230 V, 2.53 A at 115 V - cosφ 0.98
● Power Connection	Integral cable Bare Ends
● Data Connection	In/Out IP65 DMX Signal Junction Connector (Cod Art. RCN 73)

Thermal

● Ambient Operating Temperature	-40° - +40°C (-40° - + 104° F)
● Fan (controllable)	Yes, 2 different settings: Silent and Auto

Control

● Protocols	DMX-512, RDM (Remote Device Management), WIreless (optional by LumenRadio)
● RDM configuration	Yes
● DMX Channels	8 / 4
● Display	Graphic OLED on-board selector for quick setting
● Firmware upgrade	Through DMX with RDM Upgrade USB interface (code AC10011A001)

Physical

● Mounting	Yoke
● Materials	Die-cast aluminum
● IP Rating	IP65 (weatherproof)
● Color options	Black (standard), custom color on request (optional)

Optics

BC10029A002	Profile Zoom 10°-25°
BC10029A000	Profile Zoom 14°-35°
BC10029A004	Profile Zoom 30°-60°
BC10029A005	Lens Tube Profile 80°

General accessories

BC10028A000	Four blade framing system (this accessory can be installed as an alternative to the dual gobo rotator)
BC10029A003	Frame Holder
BC10029A100	LEDko EXT wireless kit
RME34/G	DMX end of line closure cap (indispensable for the last projector of the line)

8 Channels

01 → Master Dimmer
02 → Spare Channel
03 → Dimmer Fine
04 → Strobe
05 → Special Functions
06 → Master Gobo Rotator
07 → Gobo 1 Speed
08 → Gobo 2 Speed

4 Channels

01 → Master Dimmer
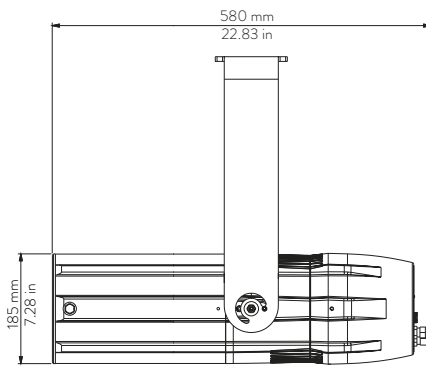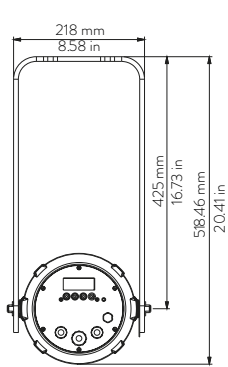02 → Master Gobo Rotator
03 → Gobo 1 Speed
04 → Gobo 2 Speed

LEDko EXT 80° Optic
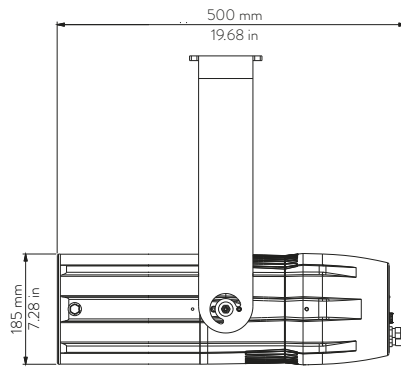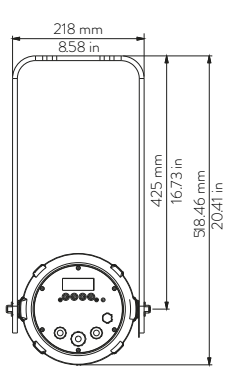
	Length	Width	Height	Weight
	500 mm 19.68 in	252.6 mm 9.94 in	185 mm 7.28 in	12.1 Kg 26.6lbs
			With bracket: 518.46 mm 20.41 in	

218 mm
8.58 in

425 mm
16.73 in

518.46 mm
20.41 in

500 mm
19.68 in

185 mm
7.28 in

LEDko EXT 30°-60° Zoom

	Length	Width	Height	Weight
	580 mm 22.83 in	252.6 mm 9.94 in	185 mm 7.28 in	12.6 Kg 27.7 lbs
			With bracket: 518.46 mm 20.41 in	

218 mm
8.58 in

425 mm
16.73 in

518.46 mm
20.41 in

580 mm
22.83 in

185 mm
7.28 in
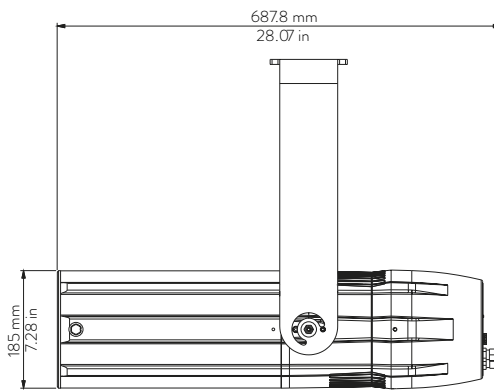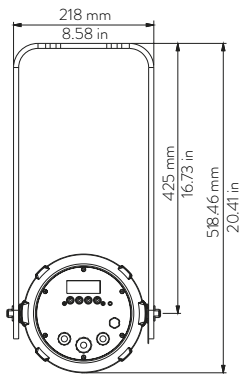
LEDko EXT 14°-35° Zoom

	Length	Width	Height	Weight
	687.8 mm 27.07 in	252.6 mm 9.94 in	185 mm 7.28 in	14 Kg 30.8 lbs
			With bracket: 518.46 mm 20.41 in	

218 mm
8.58 in

425 mm
16.73 in

518.46 mm
20.41 in

687.8 mm
28.07 in

185 mm
7.28 in

LEDko EXT 10°-25° Zoom
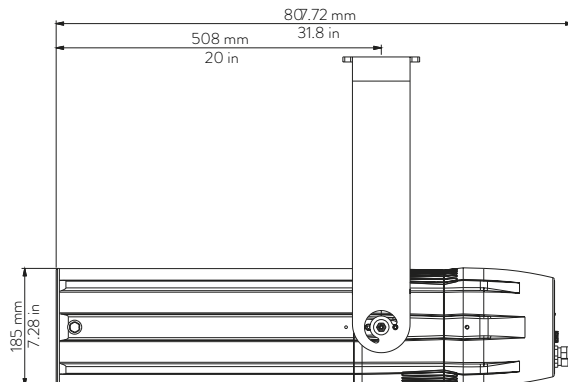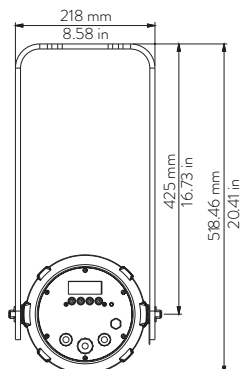
	Length	Width	Height	Weight
	807.7 mm 31.8 in	252.6 mm 9.94 in	185 mm 7.28 in	15 Kg 33.1 lbs
			With bracket: 518.46 mm 20.41 in	

218 mm
8.58 in

425 mm
16.73 in

518.46 mm
20.41 in

807.72 mm
31.8 in

508 mm
20 in

185 mm
7.28 in

Mounting yoke attachment point

Ø 58mm

120 mm

90 mm

90°

Ø 13mm
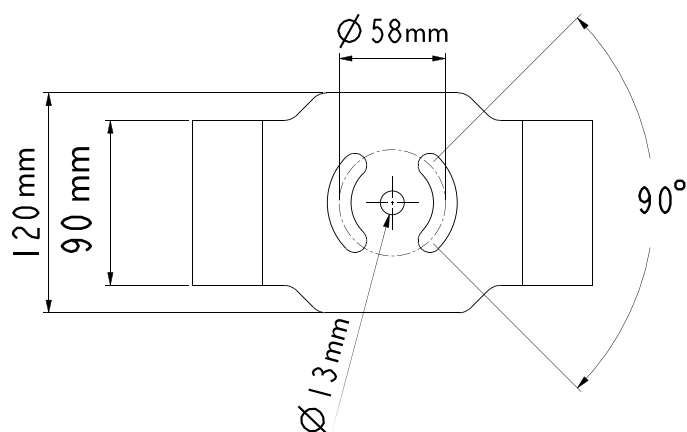
DMX Signal Junction Connector
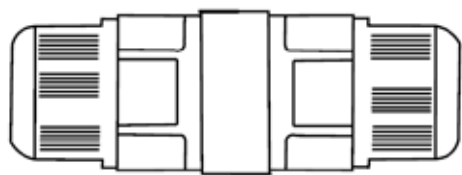
Specification
DMX 512 STANDARD:
Pin 1 = Shield
Pin 2 = Data + (Red)
Pin 3 = Data - (Black)

● Coemar Lighting S.r.l.

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