LEDko EXT T +

Product code:
F129E001A (CRI 80)
F129C001A (CRI 90)

Last update:
04/10/2023

LEDko EXT T +

Introducing

● Outdoor LED profile fixture. This IP 65 rated fixture replicates the performance of the indoor version. It comes in different fixed versions of CCT (3.200 K or 5.600 K) or FullSpectrum color (RGBLA). The LEDko EXT includes a four blade framing system with gobo holder and zoom lens system ranging from 14° to 35°, 10° to 25° or from 30° to 60° and optic 80°; bare ends power input cable and in/out 5 pin XLR IP 65 rated connectors for the DMX signal. The display is lockable thanks to a freely selectable security pin code.
Designed with new electronic and a new OLED display, this spot profile projector is the evolution of the FullSpectrum.
The + electronic with advanced LED controller enables a smooth dimming and it offers and higher luminous efficiency.

Key Features

- ● LED Profile Spot IP65 for permanent Outdoor installation
- ● Tungsten COB LED
- ● CRI> 80, CRI> 90
- ● CTT Fixed White 3.200 K
- ● Profile zoom from 14° to 35°, 10° to 25°, 30° to 60° and optic 80°
- ● Four blade framing system, each shutter blade is adjustable for radial position and angle
- ● Internal gobo holder
- ● Die-cast aluminium (Anti-Salt treatment)
- ● Black, custom color on request (optional)

General

● LED Source	Tungsten COB LED
● CCT Range	● ● ● ● ● Fixed White 3.200 K
● Color Rendition Average	CRI> 80, CRI>90
● Dimming	8 or 16bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard
● Dimming Smooth Selection	Fast, Slow and Very Slow
● Strobe	Synchronized, random or pulse electronic strobe
● Available Optics	Profile zoom from 14° to 35°, 10° to 25°, 30° to 60° and optic 80°
● Camera flicker control/Hz range	Yes, from 600 Hz 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	200 W Maximum - 0.92 A at 230 V, 1.83 A at 115 V - cosφ 0,95
● Power Connection	1.5 m (4.9 ft) Integral cable Bare Ends
● Data Connection	In/Out IP65 DMX Signal Junction Connector (Cod Art. RCN 73)

Thermal

● Ambient Operating Temperature	-40°C - +40°C (-40°F - 104°F)
● Fan (controllable)	Yes, 4 different settings: Silent, Studio, Auto, DMX Regulated

Control

● Protocols	DMX512A, RDM (Remote Device Management), Wireless (Optional By LumenRadio)
● RDM	DMX Setup, Fixture Status, RDM Commands (only DMX version)
● DMX Channels	5 / 1
● Display	Graphic OLED
● Software upload	Through DMX input (With RDM inteface code AC10011A001)

Physical

● Mounting options	Yoke
● Materials	Die-cast aluminium (Anti-Salt treatment)
● Framing System	Four blade framing system, each shutter blade is adjustable for radial position and angle
● IP Rating	IP65
● 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

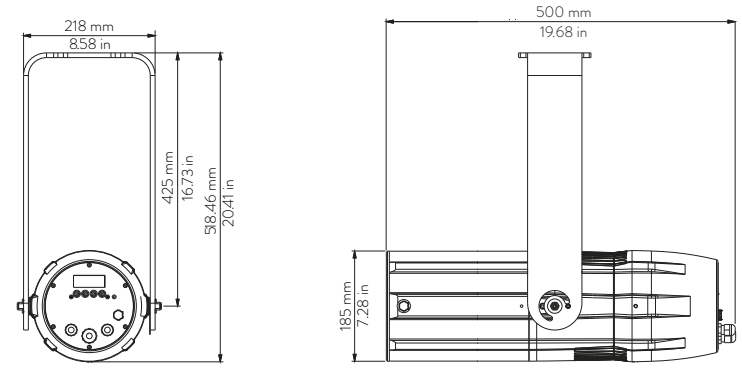
BC10028A000	Removable four blade framing system with gobo holder (included)
BC10029A003	Frame Holder
BC10029A100	LEDko EXT DMX wireless kit
RME34/G	DMX end of line closure cap (indispensable for the last projector of the line)

5 Channels
01 → Master Dimmer
02 → Spare Channel
03 → Dimmer Fine
04 → Strobe Effect
05 → Special Function

1 Channel
01 → Master Dimmer - Color Temperature Settable by Display

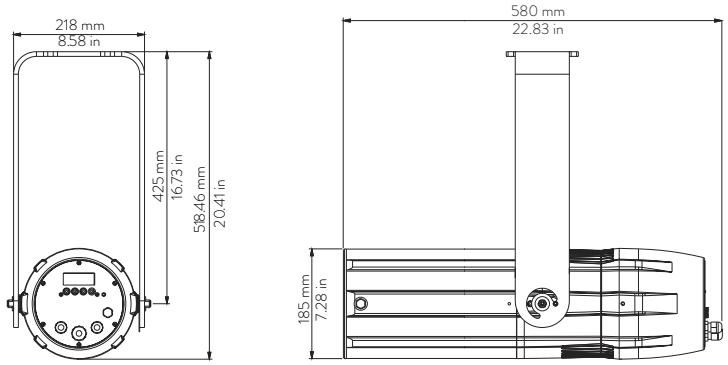
Drawing Size

LEDko EXT 80° Optic



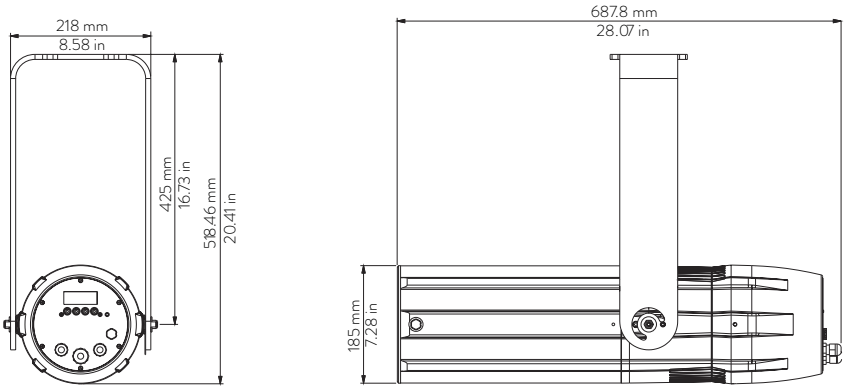
Length	Width	Height	Weight
500 mm 19.68 in	252.6 mm 9.94 in	185 mm 7.28 in With bracket: 518.46 mm 20.41 in	12.1 Kg 26.6lbs

LEDko EXT 30°-60° Zoom



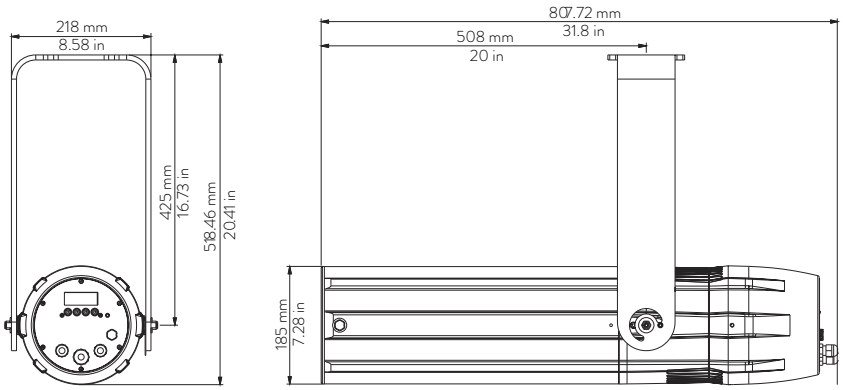
Length	Width	Height	Weight
580 mm 22.83 in	252.6 mm 9.94 in	185 mm 7.28 in With bracket: 518.46 mm 20.41 in	12.6 Kg 27.7 lbs

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 With bracket: 518.46 mm 20.41 in	14 Kg 30.8 lbs

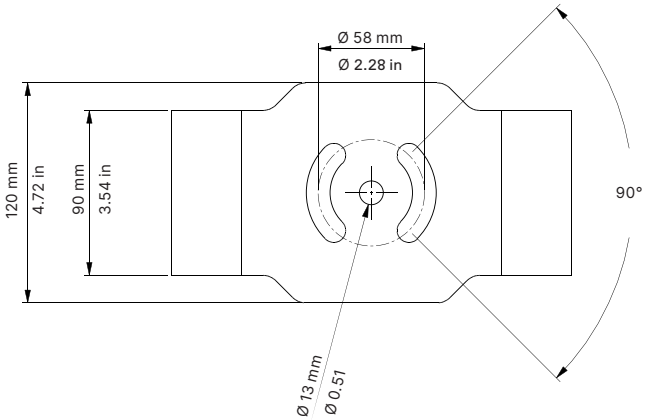
LEDko EXT 10°-25° Zoom



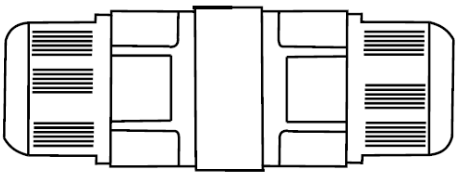
Length	Width	Height	Weight
807.7 mm 31.8 in	252.6 mm 9.94 in	185 mm 7.28 in With bracket: 518.46 mm 20.41 in	15 Kg 33.1 lbs

Drawing Size

Mounting yoke attachment point



DMX Signal Junction Connector



Specification
DMX 512 STANDARD:
Pin 1 = Ground Wire
Pin 2 = Negative (Black)
Pin 3 = Positive (White)

Architectural Outdoor - Pitti Palace, Florence, Italy

Product	LEDko EXT T
CCT	3.200K
CRI	>90

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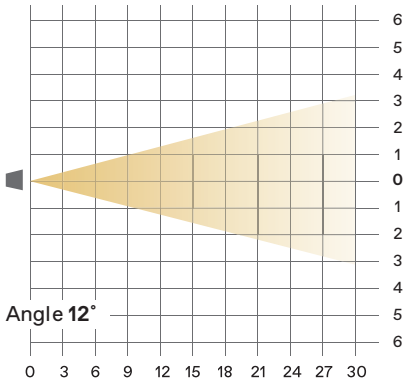
LEDko EXT Tungsten CRI 90 - Zoom Profile 10°-25°

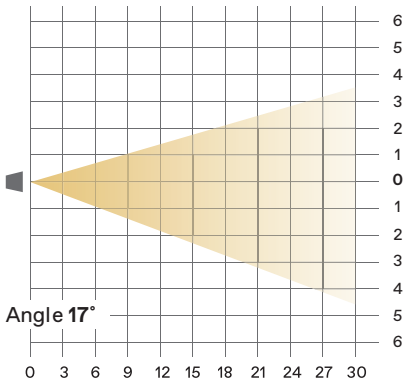
Optic: **Minimum Zoom**

Distance(m)		3	6	9	12	15	18	21	24	27	30
lux	**3.200K**	36.720	9.180	4.080	2.295	1.469	1.020	749	574	453	367
Diameter Ø (m)		0,63	1,26	1,89	2,52	3,15	3,78	4,41	5,05	5,68	6,31
lux	**3.200K**	CRI 90	TLCI 90								



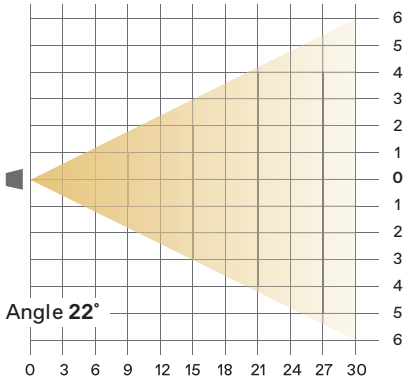
Optic: **Medium Zoom**

Distance(m)		3	6	9	12	15	18	21	24	27	30
lux	**3.200K**	21.400	5.350	2.378	1.338	856	594	437	334	264	214
Diameter Ø (m)		0,90	1,79	2,69	3,59	4,48	5,38	6,28	7,17	8,07	8,97
lux	**3.200K**	CRI 90	TLCI 90								



Optic: **Maximum Zoom**

Distance(m)		3	6	9	12	15	18	21	24	27	30
lux	**3.200K**	14.401	3.600	1.600	900	576	400	294	225	178	144
Diameter Ø (m)		1,17	2,33	3,50	4,67	5,83	7,00	8,16	9,33	10,50	11,66
lux	**3.200K**	CRI 90	TLCI 90								



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Coemar reserves the right to change specifications without prior notice.
Last Update: 04 October 2023 - vrs. 2.5