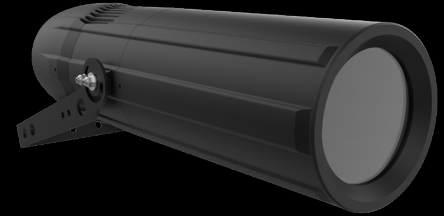# LEDko EXT FullSpectrum

Product code: F029T001A

KEY FEATURES

- LED profile spot IP 65
- RGBLA color mixing
- CCT proportional control from 2.700 to 6.500 K (CRI > 85)
- IP rating: 65 (weatherproof)
- Profile zoom from 17° to 38°
- Four blade framing system and internal gobo holder
- Electronic 16 bit dimming with 3 selectable curves (Exponential, Logarithmic and Linear)
- Fan setting with 2 different options (Auto, Silent)
- Guaranteed flicker-free

SPECIFICATIONS

- RGBLA color mixing with hue and saturation control
- CCT: all whites from 2.700 to 6.500 K
- IP rating: 65 (weatherproof)
- Profile zoom from 17° to 38°
- Four blade framing system, each shutter blade is adjustable for radial position and angle
- Internal gobo holder (standard gobo size B)
- Electronic 16 bit dimming with 3 selectable curves (exponential, logarithmic, linear)
- Synchronized, random or pulse electronic strobe
- Flicker-free operation with LEDs frequency controlled via DMX from 600 to 19.000 Hz
- Fan setting with 2 different options (auto, silent)
- CE approved

LIGHT SOURCE

- RGBLA LEDs module (CRI > 85)
- Average LED lifetime: a minimum of 80% of the initial luminous flux will be maintained after approx. 50.000 hours of usage (50.000 LM80)

PHYSICAL SIZE

- Length: 687.8 mm (27.07 in)
- Width: 252.6 mm (9.94 in)
- Height: 248 mm (7.0 in)
- Height with bracket: 405 mm (15.94 in)
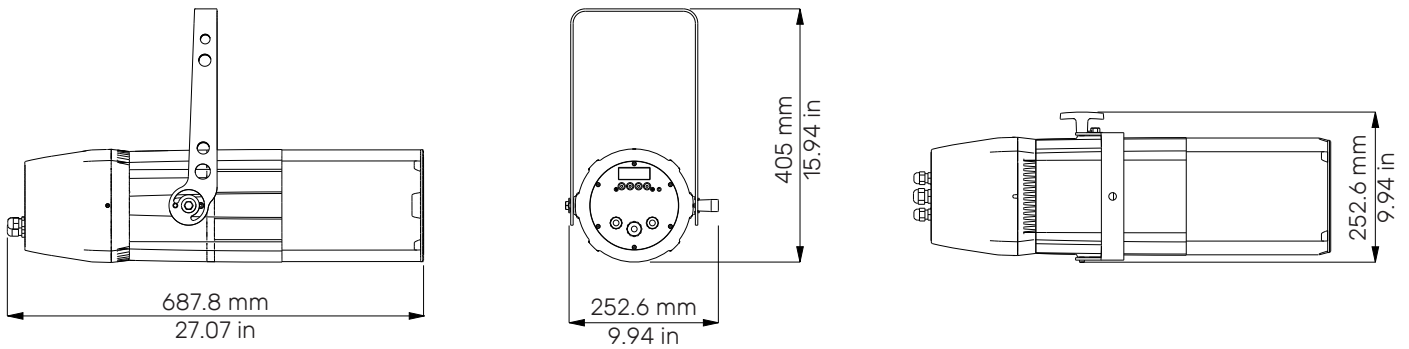- Weight: 14.0 Kg (30.8 lbs)

CONTROL PROTOCOL AND PROGRAMMING

- USITT DMX512A
- DMX channels: 16 / 7 / 1 / Studio mode / RGB mode
- Setting, addressing, testing and measurements via LEDs display
- RDM (Remote Device Management)

ELECTRICAL SPECIFICATIONS AND CONNECTIONS

- AC power: 80-264 V, auto-sensing, 50/60 Hz
- Internal cable without power plug
- Max power consumption: 250 W
- Power consumption: 1.16 A at 230 V, 2.34 A at 115 V - cosφ 0.93
- DMX data in/out: 5 pin locking XLR

DRAWING SIZE

405 mm
15.94 in

687.8 mm
27.07 in

252.6 mm
9.94 in

252.6 mm
9.94 in

DMX CHARTS

16 channels	
1	master dimmer
2	red
3	green
4	blue
5	spare channel
6	lime
7	amber
8	strobe effect
9	dimmer fine
10	special function
11	red tone
12	green tone
13	blue tone
14	white tone
15	green saturation
16	saturation

7 channels	
1	master dimmer
2	red
3	green
4	blue
5	spare channel
6	lime
7	amber

Studio mode	
1	master dimmer
2	white tone
3	green saturation
4	saturation
5	hue
6	dimmer fine
7	special function

RGB mode	
1	master dimmer
2	dimmer fine
3	red
4	green
5	blue
6	white tone
7	saturation
8	strobe effect
9	special function

1 channel	
1	master dimmer (color temperature settable by display)

Datasheet version: 3.3 - edition: 29 November 2019