Shadow Zoom LED
W-DMX

Shadow Zoom is a compact, elegant, flexible and lightweight LED profile spot for commercial and architectural lighting thanks to the high CRI and a linear dimmer curve. Ideal for lighting art galleries, monuments, churches, shops and shops windows.
Compact and bright LED zoom profile spot with precise optics, uniform projection with sharp images. 35W LED source. Gobo holder included for E size gobo (gobo size Ø 37,5 mm, image size Ø 25 mm).
Cylindrical-shaped fixture with adjustable single arm fork for suspension mounting and positioning in any orientation. Tilt lock on arm. Sturdy Die-cast aluminium body, color: black RAL9004.
Optical manual zoom from 19° to 36°, optical assembly composed of HQ glass lens, manual focus. Four independent adjustable shutter blades for shaping the light beam.
Power supply cable, three-circuit electrified track adapter available on request. Integrated switching power supply, 45 W max power consumption. Manual adjustment via display or remotely with 1/3 channels wireless W-DMX protocol. Integrated antenna receiver (2.4 GHz). High resolution black OLED display. Functions: linear electronic dimmer 0-100%, 4 adjustable dimmer curves, electronic strobe 1-30Hz, auto programs. Fanless cooling.

supply	power	control	source	C.C.T.	CRI (Ra)	lumen	angle	IP	Ta	gel filter	barndoor
100-240 Vac 50/60 Hz	45 W	W-DMX	35W LED	3000K-4000K-5000K	90	3060 lm	19°÷36°	IP30	+45°C	N/A	N/A

LIGHT SOURCE CHARACTERISTICS

Source Type: 35 W white LED
On-mode power: 35 W
Expected lifetime L70B10: 50000 h *
Colour Temperature: 3000K - 4000K - 5000K
Colour Rendering Index (Ra): CRI > 90 (NW, WW), > 80 (W) *
Television Lighting Consistency Index (TLCI): > 92 (WW), > 67 (W) *
TM-30 Fidelity Index (Rf): > 89 (WW), > 80 (W) *
TM-30 Gamut Index (Rg): > 98 (WW), > 93 (W)*
(*) manufacturer's data

OPTICAL CHARACTERISTICS

Field luminous flux: up to 2280 lm (WW), 2360 lm (NW), 3060lm (W)
Beam angle: linear zoom 19° - 36°
Optical system: high-quality glass lens
Zoom / Focus: independent manual adjustment with dedicated sliders
Orientation: manual, 360° pan, +/- 90° tilt from horizontal
Lumen efficacy: up to 68 lm/W
Field luminous flux should be intended as total luminous flux exiting from the fixture, with +/-10% of tolerance.

ELECTRICAL CHARACTERISTICS

Power consumption: 45 W max
Power supply: 100-240 V AC, 50/60 Hz
Electrical interface: power cord
Insulation class: I
Driver: included
Power Factor (full load): >0.97 @230VAC
Power consumption indicates the total absorbed power, included PSU (if present) and it does not exceed 10% of the reported value.

ELECTRONICS

Control connector: N/A
Control signal: wireless DMX
Control channels: 1 / 3 channels
Local control: dimmer and strobe adjustment on display
Dimmer: electronic 0-100%
Dimmer curve: 4 selectable
Strobe: 1 - 30 Hz electronic
Operating modes: Built-in programs with execution speed adjustment
Interface: OLED display and 4 buttons

MECHANICAL CHARACTERISTICS

Luminaire body: die-cast aluminium
Luminaire colour: black epoxy powder paint RAL9004
Installation: yoke, +/- 90° tilting
Flammable surfaces: suitable for installation on normally flammable surfaces
Minimum distance to illuminated surfaces: 1 m
Cooling: fanless
Protection rating: IP30
Dimensions: Ø95 x 378 mm (body)
Weight: 2,5 kg
Ambient temperature Ta: -20°C ~ +45°C
Included accessories: gobo holder
Reference Norms: the product meets the requirements of:
- compliance with the RoHS 2011/65/EU directive.
- electromagnetic compatibility in compliance with the EMC directive 2014/30/EU and LVD 2014/35/EU.
- photobiological compatibility according to the EN 62471: 2010 standard.
- compliance with Ecodesign directive 2009/125/EC, reg. (EU) 2019/2020.
- Energy Label 2010/30/EU, reg. (EU) 2017/1369, reg. (EU) 2019/2015.

CODES

Shadow zoom LED

PRF-0451936N-WW 3000 K

PRF-0451936N-NW 4000 K

PRF-0451936N-W 5000 K

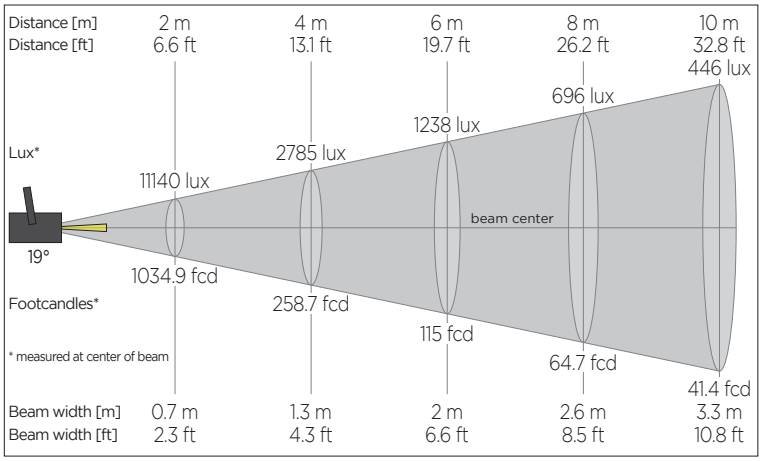
ACCESSORIES

APL1443DN: 3 circuits adapter for track

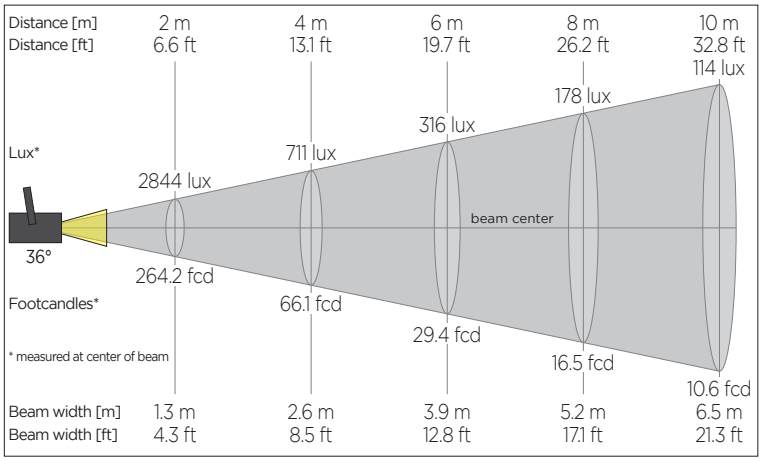
LC-CRMX: DMX Wireless Transmitter

PHOTOMETRICS REPORT

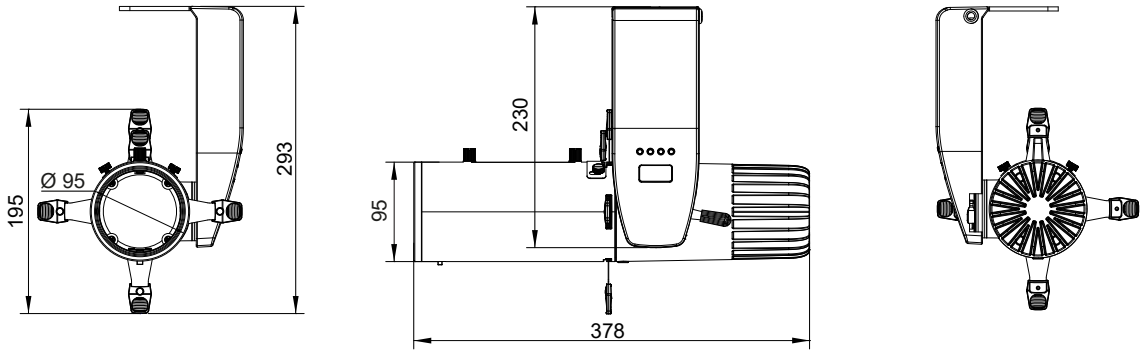
Full on (model W)
Beam angle 19°



Full on (model W)
Beam angle 36°



DIMENSIONS



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