

Ecl Par

Single source multipurpose LED PAR available in TU, DY and UV version



TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 177 W white LED / 108W UV LED
- CCT: (TU) 3.200 K - (DY) 6.000 K
- CRI: > 96 for TU and DY versions
- R9: > 95 for TU and DY versions
- Luminous flux: (TU) 12°: 13'526 lm - 24°: 13'638 lm - 65°: 12.376 lm; (DY) 12°: 13.571 lm - 24°: 13.453 lm - 65°: 12.247 lm; (UV) 229,07 lm
- Lux: (TU) 12°: 15'200 lx - 24°: 6'560 lx - 65°: 1'220 lx; (DY) 12°: 16'500 lx - 24°: 6'860 lx - 65°: 1'230 lx; (UV) 15,9 lx @3 m
- Lux: (TU) 12°: 5'472 lx - 24°: 2'361,6 lx - 65°: 439,2 lx; (DY) 12°: 5'940 lx - 24°: 2'469,9 lx - 65°: 442,8 lx; (UV) 5'724 lx @5 m
- Source life expectancy: > 70.000 h
- Other: > 85 TLCl, 90/99 TM30 for TU and DY - 365nm for UV LED

OPTICS

- Beam angle: 12° / 24° / 65° with different lens included°
- Field angle: 27° / 40° / 97° with different lens included°
- Lens diameter: 163mm
- Lens type: fresnel lens
- Additional optics: 24° (onboard - for TU and DY versions), 12° and 65° lens included (for TU and DY versions), 40° lens optional (for TU and DY versions) - gel frame holder included (for TU and DY versions) - egg crate optional - barndoors optional
- Other: 40° lens only included on board in UV version; no other lens or accessories available for UV version

DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

BODY

- Body: aluminium die-casting
- Body colour: black

ACCESSORIES & RELATED PRODUCTS

- EclPARLENS12: 12° lens for EclPAR projectors series (included)
- EclPARLENS24: 24° lens for EclPAR projectors series (included)
- EclPARLENS65: 65° lens for EclPAR projectors series (included)
- EclPARLENS40: 40° lens for EclPAR projectors series
- EclPARTPG: Gel filter frame for EclPAR projectors (included)

Ecl Par is a range of multipurpose LED fixtures with a single source, delivering silent operation, high quality of light and optical flexibility, designed to redefine the standard for theatrical, TV and corporate applications. **Ecl Par**TU and DY features a 177 W white LED source (3.200 K TU; 6.000 K DY) delivering a tremendous lumen output and superior light quality with CRI and R9 > of 95. **Ecl Par**UV is a real UV LED luminaire with a 365nm wavelength LED source. The fixture offers an extensive accessory range including barn doors, filter frame, egg crate and a multitude of interchangeable lenses. **Ecl Par** features a smooth 16-bit dimming as well as RDM control and adjustable PWM to look good in front of a camera.

MAIN FEATURES

- 177 W White LED source (3.200 K TU; 6.000 K DY) with CRI and R9 > of 95; UV 108W 365nm wavelength LED source
- Flex lens system: TU and DY 24° on-board - 12° and 65° included - 40° optional - UV 40° on-board
- Silent operation and adjustable PWM

VERSIONS

Code	CT	CRI
EclPARDY	6.000 K	> 96
EclPARTU	3.200 K	> 96
EclPARUV	3.200 K	> 96

CONTROL

- Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 3 / 6 channel
- RDM: RDM ready for fixture remote monitor and settings
- Display: OLED display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronized operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: different dimming curves available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- Flicker: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Power consumption: (TU, DY) 207 W - (UV) 127 W
- Power supply: 100-240 V - 50/60 Hz
- Power consumption (at 230 V): (TU, DY) 207 W - (UV) 127 W
- Power consumption (at 120 V): (TU, DY) 211 W - (UV) 134 W
- Output (at 230 V): (TU, DY) 12 - (UV) 16 units on a single power line
- Output (at 120 V): (TU, DY) 6 - (UV) 8 units on a single power line
- Power factor: pF 0,99 @120 V - pF 0,94 @230 V

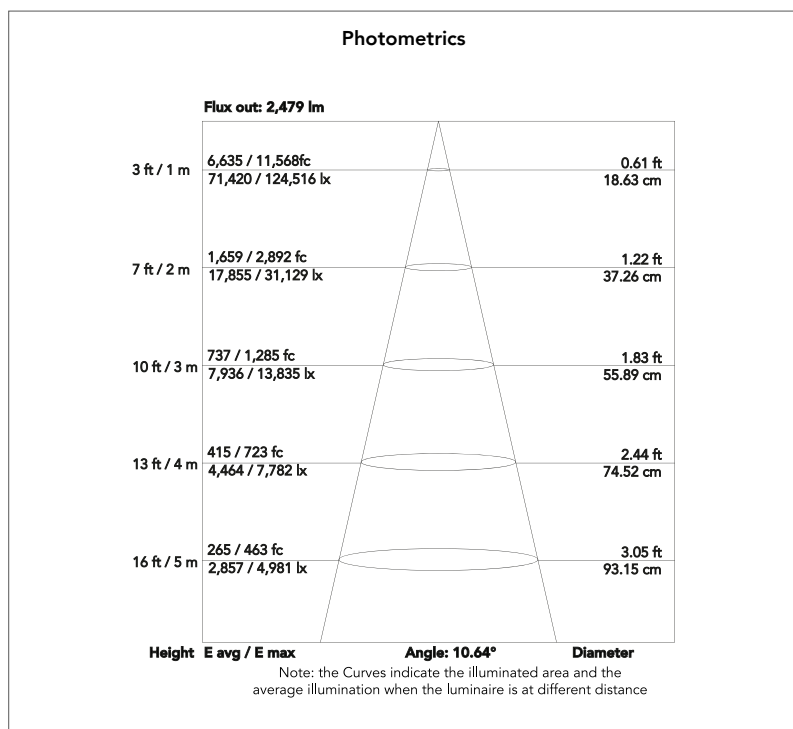
PHYSICAL

- Cooling: forced air with low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 3p + 5p IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 316x404x317 mm
- Weight: 5,5 kg

- EclPARBD: Barn door with directional flaps to adjust the light beam for EclPAR series
- FCLecIPAR: Flightcase for 6 pcs of EclPAR
- EclPAREC: Egg crate for EclPAR projectors series
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

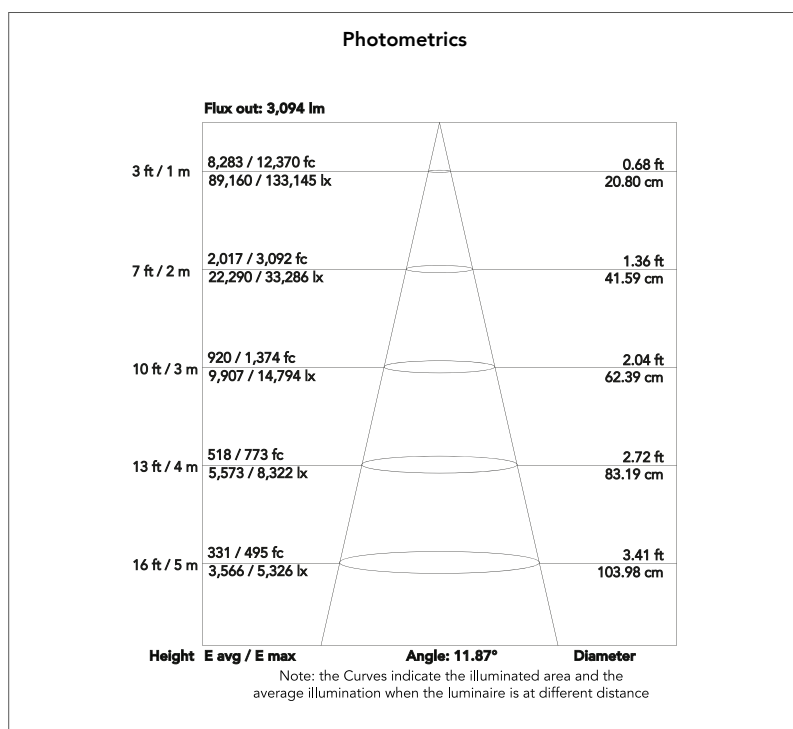
COLOUR PRESET FULL ON

Beam angle TU 12°

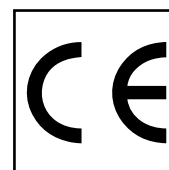
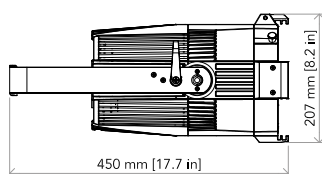
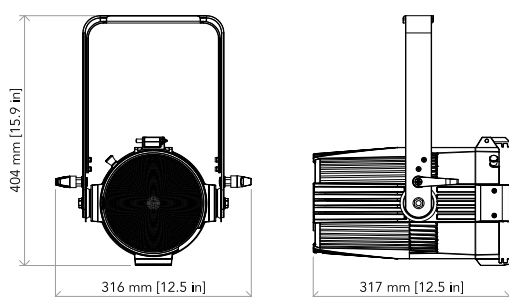


COLOUR PRESET FULL ON

Beam angle DY 12°



TECHICAL DRAWINGS



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