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EclProfile CT+HP

ORDER CODE: ECLCTPLUSHPBK



Source

450W 6 colour LEDs source

IP rating

IP20

Weight

8,5kg / 18.74lbs

The **EclProfile** CT+HP elevates the benchmark in LED ellipsoidals by delivering 450 Watts of fixture power, effectively doubling its lumen output to an impressive 14,000 lumens. Retaining the renowned 6-color LED engine of the CT+ series, it offers superior color rendering for unparalleled light quality. Specifically designed for longer throw distances and higher hanging positions, the CT+HP is the ideal replacement for traditional HPL 750W and 2kW tungsten fixtures, excelling in large venues such as theaters, studios, and auditoriums.

The latest generation of Spektra OS equips the **EclProfile** CT+HP with cutting-edge UI and control features. Seamlessly aligned with the PROLIGHTS ecosystem, it offers advanced color mixing, precision CCT reproduction, and user-friendly operation. The enhanced 2.4-inch display, complemented by four RGB backlit, pushable encoders, ensures a streamlined user experience. This innovation delivers intuitive control across multiple operating modes, ensuring consistency and efficiency for professionals

Despite its increased output, the fixture maintains the compact dimensions of its predecessor, offering compatibility with industry-standard fixed-angle and zoomable lenses, including the PRL and PRLZ lenses. This ensures seamless integration with existing inventories, making it a versatile and cost-effective solution for diverse lighting needs.

MAIN FEATURES

- 450W 6 colors LED ellipsoidal
- Spektra Os for High quality CCT reproduction and advanced color control
- New UI with 2.4'' display and 4 backlit pushable encoder
- Compatible with PRL and PRLZ lenses

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 450W 6 colour LEDs source
- Luminous flux: (10°) 11'384 lm; (14°) 9'863 lm; (19°) 10'977 lm; (26°) 13'536 lm; (36°) 13'643 lm; (50°) 12'293 lm; (70°) 14'959 @4.000 K
- Lux: (10°) 16'659 lx; (14°) 8'676 lx; (19°) 5'157 lx; (26°) 3'517 lx; (36°) 1'902 lx; (50°) 989 lx; (70°) 660lx @5m 4.000 K
- CRI: 96
- R9: 98
- TLCI: 94,7
- Source life expectancy: > 50.000 h

COLOUR SYSTEM

- Colour control: XY, CCT, Gel with Source Emulation, Tungsten emulation, HSI, User preset
- CCT: CCT control range from 1.800K to 20.000K, + / - green correction, tungsten emulation

DYNAMIC EFFECTS

- Special features: 4 fan modes available and output management and linear crossfade channel from any white to any colour; virtual CTO on colours

GOBOS

- Gobo wheel 1: optional, see available accessories
- Gobo size: (B size) 86 mm outer / 64.5 mm image / 1.1 mm thickness

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz, electronic
- Selectable PWM: 1,282 to 20,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX2 (not included) through dedicated software

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 450W
- Output (at 230V): 5 units on a single power line
- Standby power: 11,6 W
- Power factor: > 0,94

OPTICS

- Lens type: high-quality glass lens optics
- Additional optics: optional 5° / 10° / 14° / 19° / 26° / 36° / 50° / 70° / 90° zoom 15°-30° / zoom 25°-50°
- Focus: manual
- Other: see available accessories

CONTROL

- Supported Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: from 1 channel to 30ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: 4 pushable RGB backlit encoder
- Master/Slave: for synchronised operation of more units linked in a chain

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: optional LumenRadio TiMoTwo - CRMX, CRMX² (RX only) and W-DMX compatible

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Sturdy die-cast magnesium body
- Finish: black (RAL 9004)
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 292x267x628mm
- Weight: 8,5kg

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC

BOX CONTENT

- 1 x ECLCTPLUSHPBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



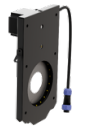
ECLPRROTGOBO2BK
Dual gobo rotator for EclProfile series, black finishing



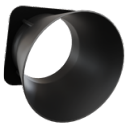
FCLECLPRLZ
Flightcase to contain 8 ECLPRLZ zoom lenses



ECLPRHPPOYO
Pole operated yoke for ECL Profile HP series



ECLPRMOTOIRIS1BK
Motorised iris assembly for ECL Profile fixtures series, black



ECLPRFSNOOTBK
Full Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black



ECLPRLZ2550BK
Zoom 25°-50° PRL lens barrel for EclProfile fixtures, black housing



ECLLZ2550
Optics for ECLFC/HDL profiler, gel frame holder included, zoom 25°-50°



ECLPRL05BK
5° PRL lens barrel for EclProfile fixtures, black housing



ECLPRL10BK
10° PRL lens barrel for EclProfile fixtures, black housing



ECLPRL19BK
19° PRL lens barrel for EclProfile fixtures, black housing



ECLPRL36BK
36° PRL lens barrel for EclProfile fixtures, black housing



FCLECLPRHP
Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°



ECLPRSMOOTHF3
Glass magnetic smooth/homogenizer filter for EclProfile (PRL lenses)



ECLPRIPROTGOBO1BK
Rotating gobo assembly for ECL Profile fixtures, black



ECLPRHSNOOTBK
Half Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black



ECLPRLZ1530BK
Zoom 15°-30° PRL lens barrel for EclProfile fixtures, black housing



ECLLZ1530
Optics for ECLFC/HDL profiler, gel frame holder included, zoom 15°-30°



ECLLZXLKA
Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUSHP / HPIP



ECLLB05BK
5° lens barrel for Ecl Profile fixtures, filterframe included, black housing



ECLPRL14BK
14° PRL lens barrel for EclProfile fixtures, black housing



ECLPRL26BK
26° PRL lens barrel for EclProfile fixtures, black housing



ECLPRL50BK
50° PRL lens barrel for EclProfile fixtures, black housing

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ACCESSORIES & RELATED PRODUCTS



ECLPRL70BK
70° PRL lens barrel for EclProfile fixtures, black housing



ECLPRL90BK
90° PRL lens barrel for EclProfile fixtures, black housing



ECLPRSEF1
Soft edge filter and holder kit for ECL Profile fixtures



ECLPRGH
Gobo holder for ECL Profile fixtures, B size



ECLPRGHA
Gobo holder for ECL Profile fixtures, A size



ECLPRIRIS
Iris accessory for ECL Profile fixtures



LRT2WK1
Wireless kit 1 with TimoTwo



SPGM10
28mm spigot for fixtures, M10 bolt



SPGM12
28mm spigot for fixtures, M12 bolt



C6040B
Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black



C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black

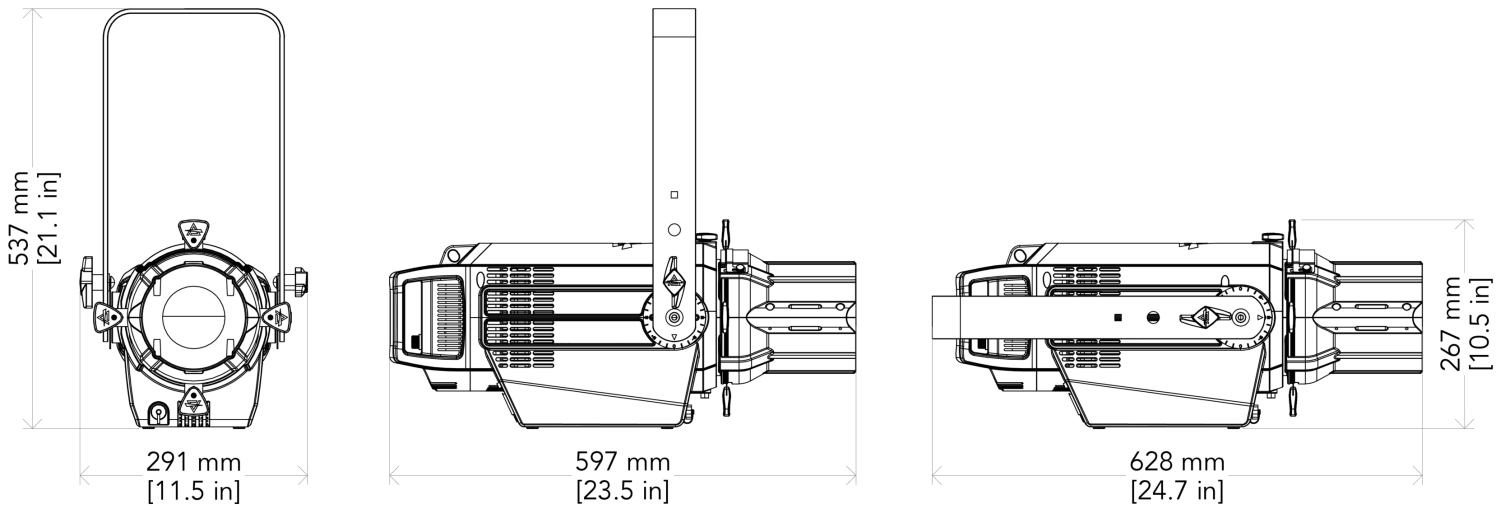


RSR0630B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



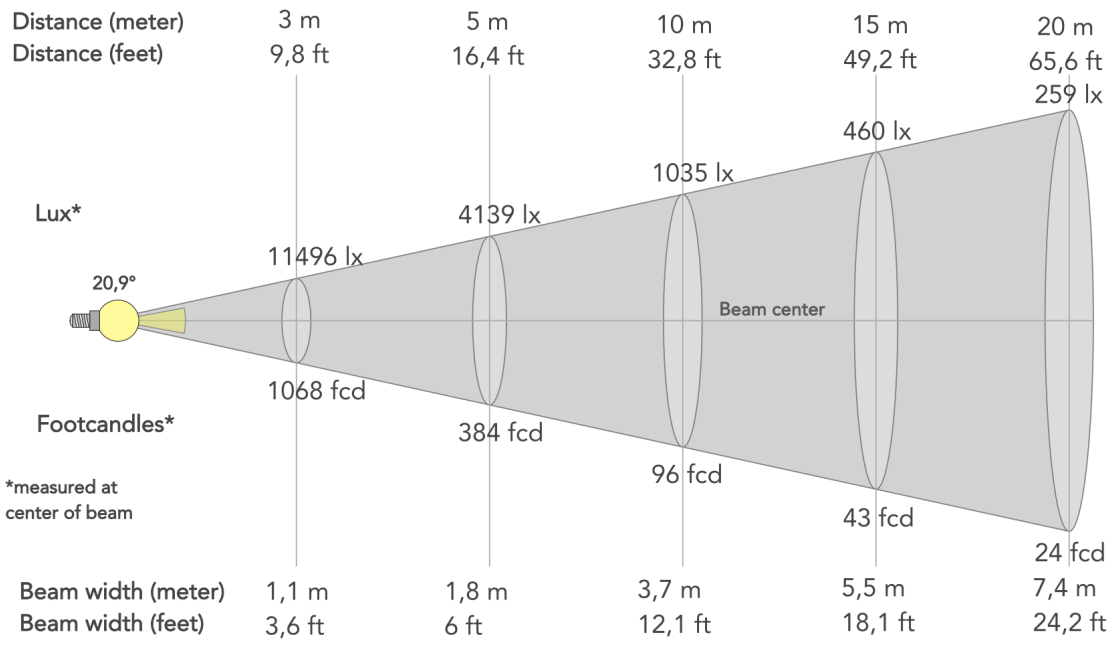
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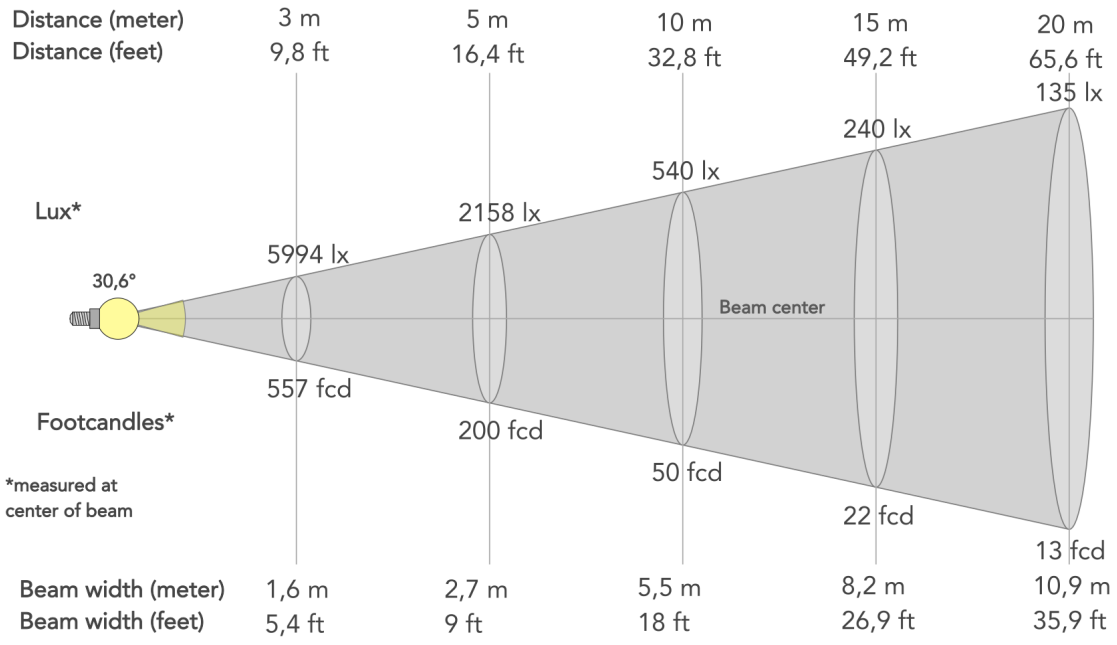
PHOTOMETRICS

Full On - ECLPRLZ1530 - Min Zoom



Beam angle (50%): **20.9°**	Field angle (10%): **22.6°**	Cut-off angle (2.5%): **23.9°**

Full On - ECLPRLZ1530 - Max Zoom



Beam angle (50%): **30.6°**	Field angle (10%): **32.5°**	Cut-off angle (2.5%): **33.9°**

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