

EclProfile CT+HP

450W 6 colors LED ellipsoidal, compatible with PRL and PRLZ lenses

ORDER CODE: **ECLCTPLUSHPBK**



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.

TECHNICAL SPECIFICATION

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

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

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

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

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

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 with PRL and PRLZ lenses

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz, electronic
- Selectable PWM: 1282 to 20000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (not included) through dedicated software

CONNECTIONS

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

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 470W
- Output (at 230V): 5 units on a single power line
- Standby power: 11,6 W
- Power factor: > 0,94

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 / 11.5"x10.51"x24.72"
- Weight: 8,5kg / 18.74lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning
- CERTIFICATIONS / REPORTS
- Compliance: CE, RCM, FCC

BOX CONTENT

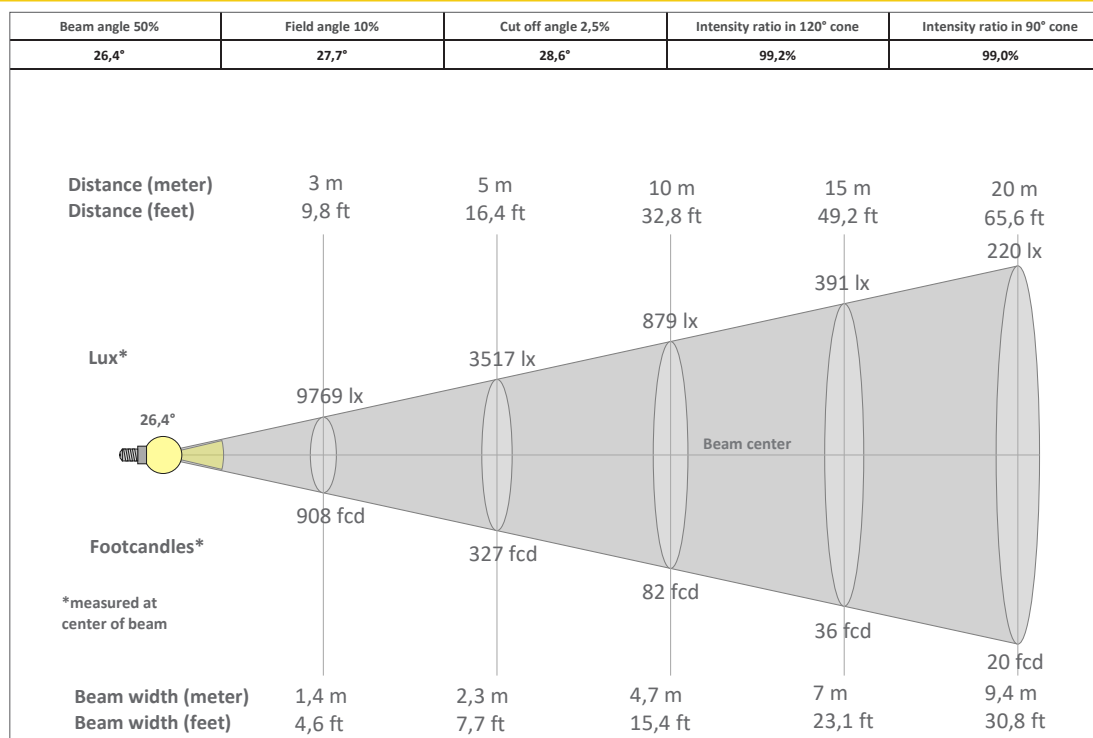
- 1 x ECLCTPLUSHPBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

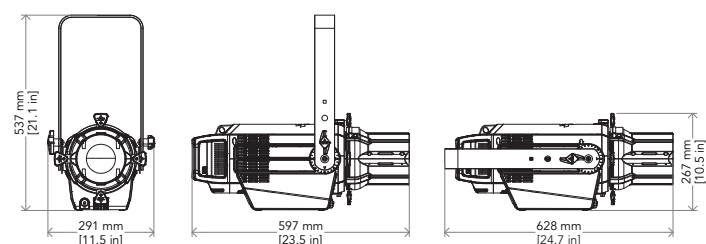
▪ ECLPRIPROTGOBO1BK	Rotating gobo assembly for ECL Profile fixtures, black housing	▪ ECLLB05BK	5° lens barrel for Ecl Profile fixtures, filterframe included, black housing
▪ FCLECLPRHP	Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°	▪ ECLPRL05/10/14/19/26/36/50/70/90BK	5°/10°/14°/19°/26°/36°/50°/70°/90° PRL lens barrel for EclProfile fixtures, black housing
▪ FCLECLPRLZ	Flightcase to contain 8 ECLPRLZ zoom lenses	▪ ECLPRSEF1	Soft edge filter and holder kit for ECL Profile fixtures
▪ ECLPRSMOOTHF3	Glass magnetic smooth/homogenizer filter for EclProfile	▪ ECLPRGH	Gobo holder for ECL Profile fixtures, B size
▪ ECLPRHPPOYO	Pole operated yoke for ECL Profile HP series	▪ ECLPRGHA	Gobo holder for ECL Profile fixtures, A size
▪ ECLPRIPROTGOBO1BK	Rotating gobo assembly for ECL Profile fixtures, black housing	▪ ECLPRIRIS	Iris accessory for ECL Profile fixtures
▪ ECLPRMOTOIRIS1BK	Motorised iris assembly for ECL Profile fixtures series, black	▪ LRT2WK1	Wireless kit 1 with TimoTwo
▪ ECLPRHSNOOTBK	Half Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ ECLPRFSNOOTBK	Full Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black	▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ ECLPRLZ1530BK	Zoom 15°-30° PRL lens barrel for EclProfile fixtures, black housing	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ ECLPRLZ2550BK	Zoom 25°-50° PRL lens barrel for EclProfile fixtures, black housing	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ ECLLZ1530/2550	Optics for ECLFC/HDL profiler, gel frame holder included, zoom 15°-30°/25°-50°	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
▪ ECLLZLLKA	Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUS, ECLFW and ECLFS	▪ 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

PRESET 4000K

Beam angle 50%: 26°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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tech documentations