

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: (26°) 14'224 lm @3.200 K
- Luminous flux: (26°) 13'708 lm @5.600 K
- Lux: (26°) 3'900lx @5 m 3.200 K
- Lux: (26°) 3'782lx @5 m 5.600K
- CRI: up to 94
- R9: up to 94
- TLCI: 93 @3.200 K; 97 @5.600 K
- TM30 Rf: > 94 @3.200 K; >94 @5.600 K
- TM30 Rg: < 105 @3.200 K; < 105 @5.600 K
- 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
- Colour wheel: LEE filter emulation and RGB / HSI / CMY input mode selectable

DYNAMIC EFFECTS

- Rotating gobos: optional, see available accessories
- Gobo size: B, outer: 86 mm - image: 64,5 mm - thickness: 1,1 mm
- Special features: 4 fan modes available and output management and linear crossfade channel from any white to any colour; virtual CTO on colours

BODY

- Body: sturdy die-cast magnesium body
- Body colour: RAL 9004

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

CONTROL

- Protocols: DMX512, RDM, CRMX
- Stand Alone: 4 pushable RGB backlit encoder
- DMX channels: from 1 channel to 30channel
- Wireless Control: optional, LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 (Lumen Radio) and W-DMX (Wireless DMX), Bluetooth capable
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (USB-DMX interface not included) through dedicated software
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz, electronic
- Operating temperature: -10° ~ +45° Ta
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 470W
- Standby power: 12,6 W
- Output (at 230V): 7 units on a single power line
- Power factor: > 0,94

PHYSICAL

- IP rating: 20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD): 292x267x628mm / 11.5"x10.51"x24.72"
- Weight: 8,5kg / 18.74lbs

CERTIFICATIONS / APPROVALS

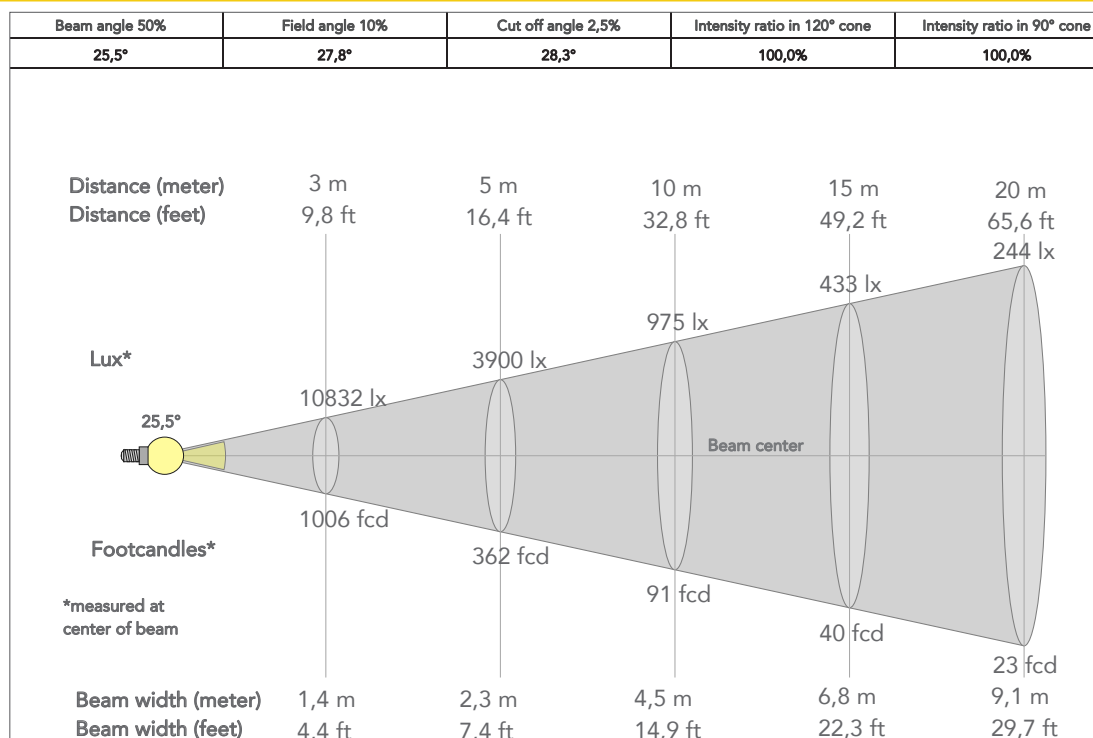
- Certifications / Approvals: CE, RCM

ACCESSORIES & RELATED PRODUCTS

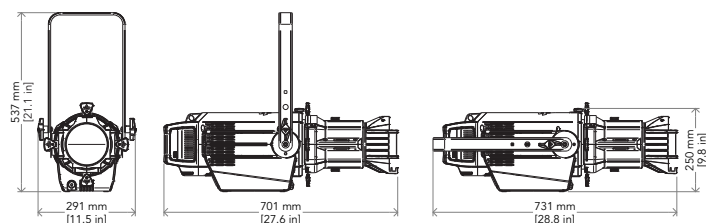
▪ FCLECLPRHP	Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°	▪ ECLPRSEF1	Soft edge filter and holder kit for ECL Profile fixtures
▪ FCLECLPRLZ	Flightcase to contain 8 ECLPRLZ zoom lenses	▪ ECLPRGH	Gobo holder for ECL Profile fixtures, B size
▪ ECLPRIPROTGBOB1BK	Rotating gobo assembly for ECL Profile fixtures, black housing	▪ ECLPRGHA	Gobo holder for ECL Profile fixtures, A size
▪ ECLPRLZ1530BK	Zoom 15°-30° PRL lens barrel for EclProfile fixtures, black housing	▪ ECLPRIRIS	Iris accessory for ECL Profile fixtures
▪ ECLPRLZ2550BK	Zoom 25°-50° PRL lens barrel for EclProfile fixtures, black housing	▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ ECLLZ1530/2550	Optics for ECLFC/HDL profiler, gel frame holder included, zoom 15°-30°/25°-50°	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ ECLLZLLKA	Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUS, ECLFW and ECLFS	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ ECLLB05BK	5° lens barrel for Ecl Profile fixtures, filterframe included, black housing	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
▪ 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	▪ 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 FULL ON

Beam angle 50%: 26°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Visit our website
for specifications and
tech documentations