EclProfile CT+HP

450W 6 colors LED ellipsoidal, compatible with PRL and PRLZ lenses
ORDER CODE: **ECLCTPLUSHPBK**

![PROLIGHTS logo]

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 with PRL and PRLZ lenses

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 m; (36°) 13'643 lm; (50°) 12'293 lm; (70°) 14'959 @4000K
- 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 @5 m 4000K
- 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
- 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

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: 1282 ~ 20.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 470W
- Standby power: 11,6 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''
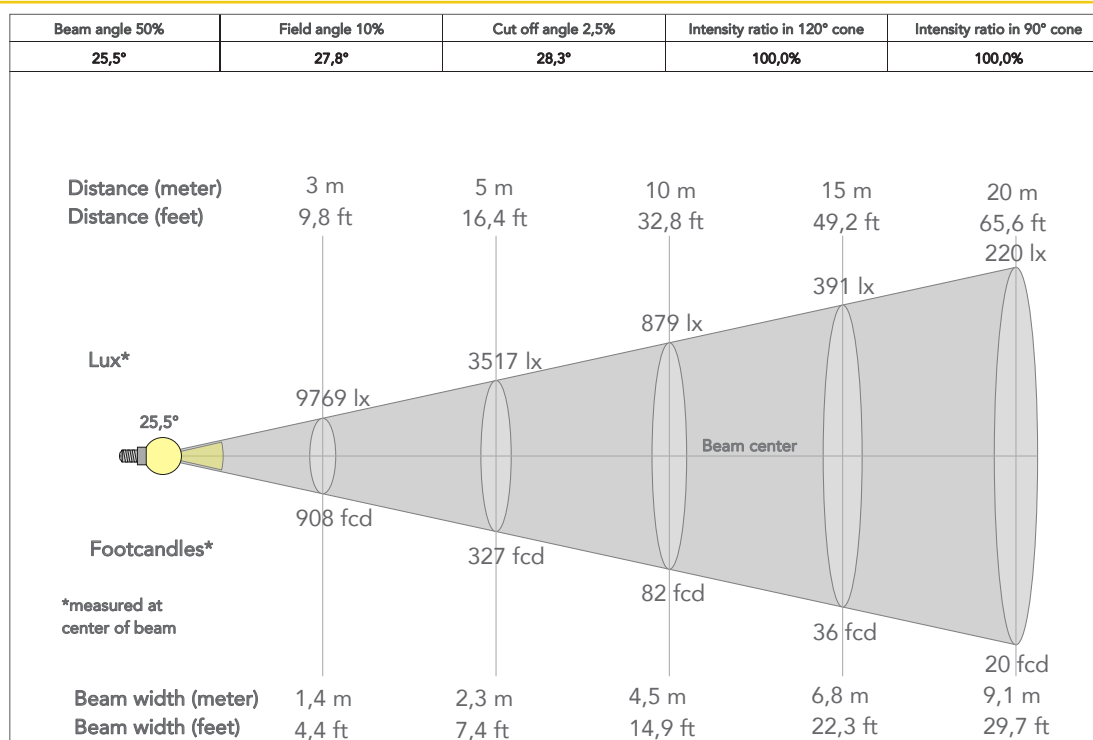- Weight: 8,5kg / 18.74lbs

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM
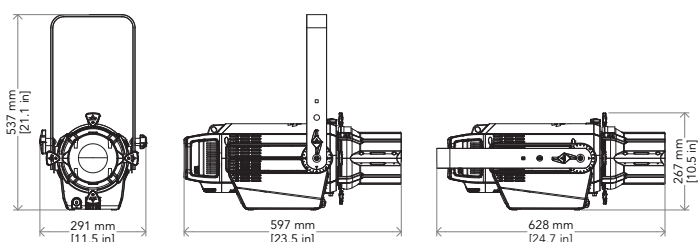
ACCESSORIES & RELATED PRODUCTS

▪ FCLECLPRHP	Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°
▪ FCLECLPRLZ	Flightcase to contain 8 ECLPRLZ zoom lenses
▪ ECLPRSMOOTHF3	Glass magnetic smooth/homogenizer filter for EclProfile
▪ ECLPRHPPOYO	Pole operated yoke for ECL Profile HP series
▪ ECLPRIPROTGOBO1BK	Rotating gobo assembly for ECL Profile fixtures, black housing
▪ ECLPRMOTOIRIS1BK	Motorised iris assembly for ECL Profile fixtures series, black
▪ ECLPRHSNOOTBK	Half Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black
▪ ECLPRFSNOOTBK	Full 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
▪ ECLPRLZ2550BK	Zoom 25°-50° PRL lens barrel for EclProfile fixtures, black housing
▪ ECLLZ1530/2550	Optics for ECLFC/HDL profiler, gel frame holder included, zoom 15°-30°/25°-50°
▪ ECLLZLLKA	Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUS, ECLFW and ECLFS

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

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,5°	27,8°	28,3°	100,0%	100,0%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	9769 lx	3517 lx	879 lx	391 lx	220 lx
Footcandles*	908 fcd	327 fcd	82 fcd	36 fcd	20 fcd
Beam width (meter)	1,4 m	2,3 m	4,5 m	6,8 m	9,1 m
Beam width (feet)	4,4 ft	7,4 ft	14,9 ft	22,3 ft	29,7 ft

25,5°

Beam center

*measured at center of beam

TECHICAL DRAWINGS

537 mm [21.1 in]
291 mm [11.5 in]
597 mm [23.5 in]
628 mm [24.7 in]
267 mm [10.5 in]

CERTIFICATIONS / APPROVALS

Visit our website for specifications and tech documentations

CE