

EclProfile FWHPVW

450W high quality VariableWhite LED ellipsoidal, compatible with PRL and PRLZ lenses

ORDER CODE: **ECLFWHPVWBK**



The **EclProfile** FWHPVW elevates the benchmark in LED ellipsoidals by delivering 450 Watts of fixture power, effectively doubling its lumen output to an impressive 15,500 lumens. Retaining the renowned VariableWhite LED engine of the FW series, it offers superior color rendering for unparalleled light quality. Specifically designed for longer throw distances and higher hanging positions, the FWHP is the ideal replacement for traditional HPL 750W and 2kW tungsten fixtures, excelling in large venues such as theaters, studios, and auditoriums.

The **EclProfile** FWHP offers 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 high quality VariableWhite LED ellipsoidal, provides 15'500 lm
- Linear white CCT from 2,700 K to 6,500 K
- CRI: 96,9 @3'200K; 95,2 @5'600K
- Silent operation and compatible with industry standard accessories

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 450W Variable White LED
- Luminous flux: (19°) 13'419 lm; (26°) 16'662 lm; (50°) 15'037 lm; @5.600 K
- Lux: (19°) 6'667 lx; (26°) 4'537 lx; (50°) 1'236lx @5 m 5.600 K
- CRI: up to 98
- R9: up to 98
- TLCI: up to 99
- TM30 Rf: 96 @3200K; 96 @5600K
- TM30 Rg: 103 @3200K; 102 @5600K
- 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 mixing: tunable white
- CCT: CCT control range from 2.800K to 6.500K

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

BODY

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

CONTROL

- Protocols: DMX512, RDM, CRMX (optional)
- Stand Alone: 4 pushable RGB backlit encoder
- DMX channels: from 1 channel to 16channel
- Wireless Control: optional, LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 (as RX mode only) and W-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: 450W
- Standby power: 10,2 W
- Output (at 230V): 5 units on a single power line
- Power factor: > 0,94

PHYSICAL

- IP rating: IP20
- 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

BOX CONTENT

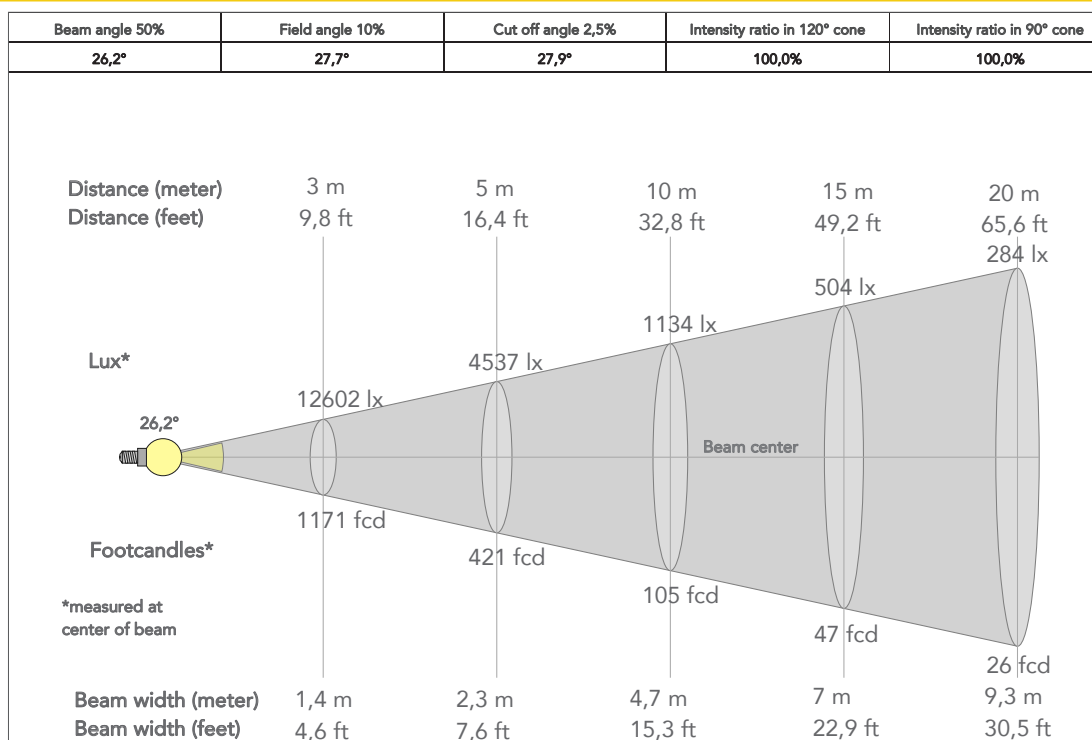
- 1 x ECLFWHPVWBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

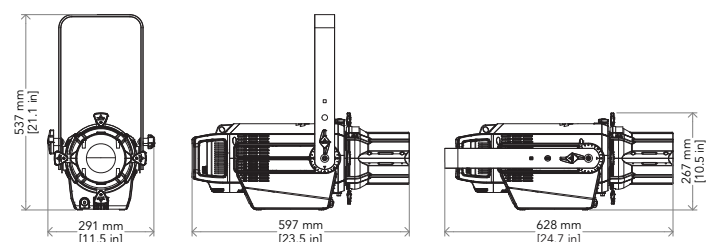
▪ ECLPRROTGBO2BK	Dual gobo rotator for EclProfile series	▪ ECLPRL05/10/14	5°/10°/14°/19°/26°/36°/50°/70°/90° PRL lens barrel for EclProfile fixtures, black housing
▪ FCLECLPRHP	Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°	▪ ECLLB05/10BK	5°/10° lens barrel for Ecl Profile fixtures, filterframe included, 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
▪ ECLPRHPPOYO	Pole operated yoke for ECL Profile HP series	▪ ECLPRGHA	Gobo holder for ECL Profile fixtures, A size
▪ ECLPRIPROTGBO1BK	Rotating gobo assembly for ECL Profile fixtures, black	▪ 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	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ ECLPRFSNOOTBK	Full Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black	▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ ECLPRLZ1530/2550BK	Zoom 15°-30°/25°-50° PRL lens barrel for EclProfile fixtures,	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm
▪ ECLLZ1530BK/2550BK	Optics for ECLFC/HD profiler, TPG incl., zoom 15°-30°/25°-50°	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10
▪ ECLLZXLKA	Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUSHP / HPIP	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60
		▪ 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

