

EclProfile FWHPVW

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

ORDER CODE: **ECLFWHPVWBK**



EclProfile FWHPVW is a true workhorse for white light applications. It features a 450 W LED engine delivering an impressive 16,600 lm output. The VariableWhite source provides excellent colour rendering for outstanding light quality and easy operation in broadcast studios and exhibitions/expos. Designed for long throw distances and higher trim heights, the FWHP is an ideal replacement for traditional HPL 750 W and 2 kW tungsten ellipsoidals, excelling in large venues.

EclProfile FWHP delivers precise CCT reproduction with a user-friendly interface. The enhanced 2.4-inch display, paired with four RGB-backlit, push-to-select encoders, provides fast and intuitive control across multiple operating modes ensuring consistent and efficient operation for professionals.

Despite its increased output, the fixture maintains the compact footprint of its predecessor and remains compatible with industry-standard fixed and zoom optics, including PRL and PRLZ lenses. This enables seamless integration into existing inventories, making it a versatile and cost-effective solution for a wide range of lighting requirements.

MAIN FEATURES

- 450 W high-quality VariableWhite LED ellipsoidal, 16.600 lm
- Linear white CCT from 2.700 K to 6.500 K
- CRI and R9 up to 98
- Silent operation, 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: linear from 2.800K to 6.500K

DYNAMIC EFFECTS

- Special features: 4 fan modes available and output management

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 16ch
- 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

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): 450W
- Output (at 230V): 5 units on a single power line
- Standby power: 10,2 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, cTUVus

BOX CONTENT

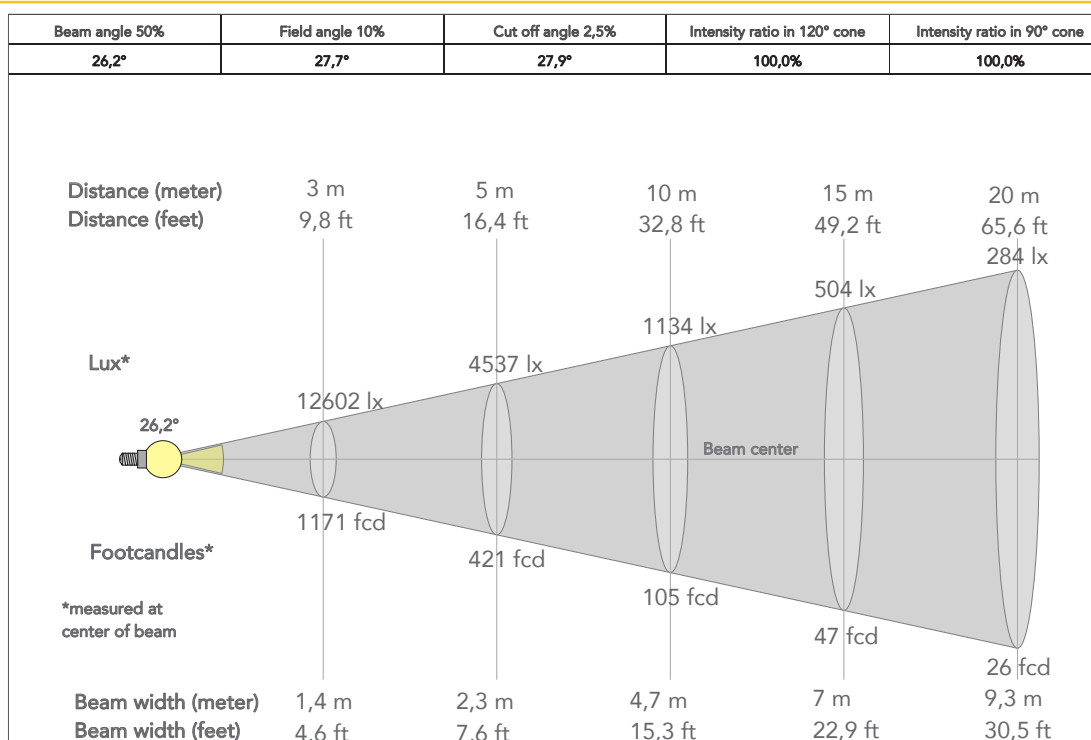
- 1 x ECLFWHPVWBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

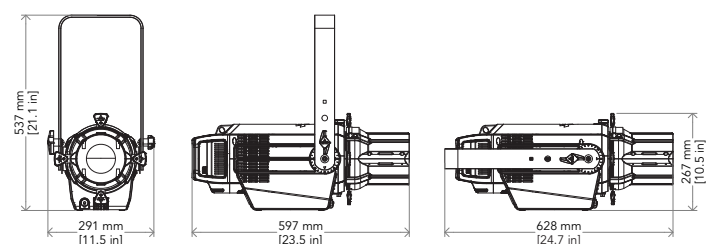
▪ ECLPRROTGBO2BK	Dual gobo rotator for EclProfile series	▪ ECLPRL05/10/14	5°/10°/14°/19°/26°/36°/50°/70°/90° PRL lens barrel for EclProfile fixtures, black housing
▪ FCLECLPRHP	Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°	▪ ECLLB05/10BK	5°/10° lens barrel for Ecl Profile 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



Conforms to UL STD. 1573
 Certified to CSA STD: C22.2 NO. 166

Visit our website
 for specifications and
 tech documentations

