

# 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: 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

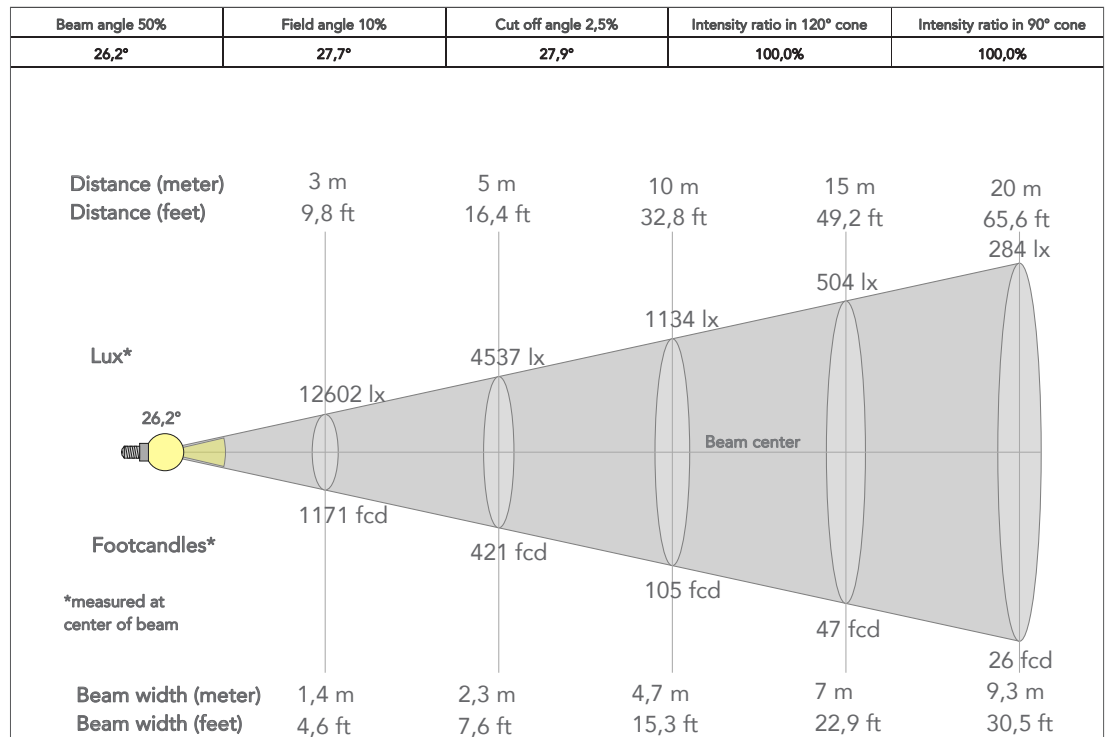
- 1 x ECLFWHPVWBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

## ACCESSORIES & RELATED PRODUCTS

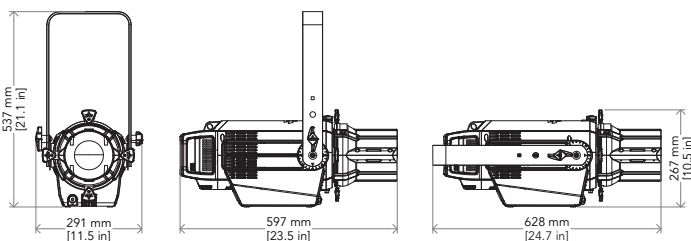
- ECLPRROTGOGO2BK Dual gobo rotator for EclProfile series
- FCLECLPRHP Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°
- FCLECLPRLZ Flightcase to contain 8 ECLPRLZ zoom lenses
- ECLPRSMOOTHF3 Glass magnetic smooth/homogenizer filter for EclProfile
- ECLPRHPPOYO Pole operated yoke for ECL Profile HP series
- ECLPRIPROTGOGO1BK Rotating gobo assembly for ECL Profile fixtures, black
- 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
- ECLPRLZ1530/2550BK Zoom 15°-30°/25°-50° PRL lens barrel for EclProfile fixtures,
- ECLLZ1530BK/2550BK Optics for ECLFC/HD profiler, TPG incl., zoom 15°-30°/25°-50°
- ECLLZXLKA Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUSHP / HPIP
- ECLPRL05/10/14 5°/10°/14°/19°/26°/36°/50°/70°/90° PRL lens barrel for EclProfile fixtures, black housing
- ECLLB05/10BK 5°/10° lens barrel for Ecl Profile fixtures, filterframe included, black housing
- ECLPRSEF1 Soft edge filter and holder kit for ECL Profile fixtures
- ECLPRGH Gobo holder for ECL Profile fixtures
- ECLPRGHA Gobo holder for ECL Profile fixtures, A size
- ECLPRIRIS Iris accessory for ECL Profile fixtures
- LRT2WK1 Wireless kit 1 with TimoTwo
- SPGM12 28mm spigot for fixtures, M12 bolt
- SPGM10 28mm spigot for fixtures, M10 bolt
- C6040B Aluminum clamp for 28mm spigot, 200kg load, 48-51mm
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10
- 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

