

EclProfile FWHPIPWW

IP65 450W high quality VariableWhite LED ellipsoidal, compatible with PRL and PRLZ lenses

ORDER CODE: **ECLFWHPIPWWBK**



EclProfile FWHPIPWW 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, exhibitions/expos, and outdoor applications. Thanks to its IP65-rated housing, the fixture is suitable for outdoor use and challenging environmental conditions.

Designed for long throw distances and higher trim heights, the **EclProfile** FWHPIPWW is an ideal replacement for traditional HPL 750 W and 2 kW tungsten ellipsoidals, excelling in large venues and outdoor productions.

EclProfile FWHPIPWW 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, even in outdoor environments. Despite its increased output and IP65 construction, 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 indoor and outdoor 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
- IP65-rated for outdoor use

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
- 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: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated 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: IP65 for temporary outdoor use
- Cooling: heat pipe with low-noise fan
- Housing: Weatherproof IP65 construction with die-cast magnesium alloy
- Finish: black (RAL 9004)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 292x267x628mm / 11.5"x10.51"x24.72"
- Weight: 12,5kg / 27.56lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, cTUVus

BOX CONTENT

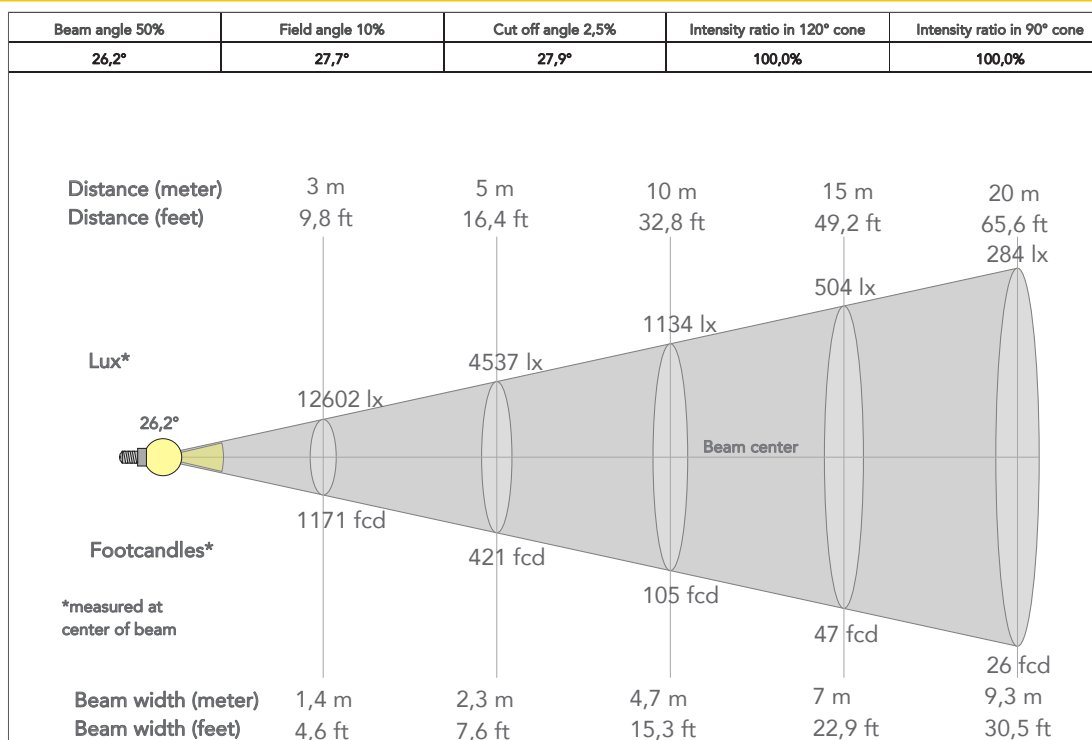
- 1 x ECLFWHPIPWWBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

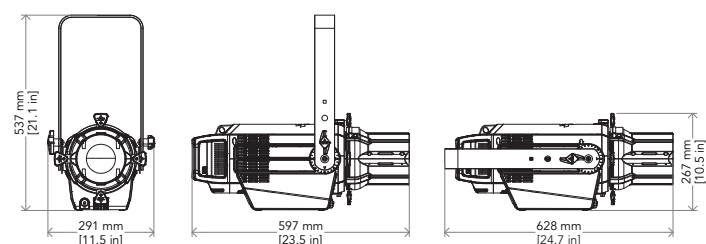
▪ FCLECLPRHP	Flightcase to contain 6 pcs ECLCTPLUSHP series with lenses 19°, 26°, 36°, 50°	▪ ECLLZXLKA	Hexagonal head screw, to adapt ECLLZ lenses on ECLCTPLUSHP / HPIP
▪ FCLECLPRLZ	Flightcase to contain 8 ECLPRLZ zoom lenses	▪ ECLPRGHA	Gobo holder for ECL Profile fixtures, A size
▪ ECLPRSMOOTHF3	Glass magnetic smooth/homogenizer filter for EclProfile	▪ ECLPRGH	Gobo holder for ECL Profile fixtures
▪ ECLPRHPPOYO	Pole operated yoke for ECL Profile HP series	▪ ECLPRIRIS	Iris accessory for ECL Profile fixtures
▪ ECLPRIPROTGOGO1BK	Rotating gobo assembly for ECL Profile fixtures, black	▪ ECLPRSEF1	Soft edge filter and holder kit for ECL Profile fixtures
▪ ECLPRROTGOGO2BK	Dual gobo rotator for EclProfile series, black finishing	▪ LRT2WK1	Wireless kit 1 with TimoTwo
▪ ECLPRMOTOIRIS1BK	Motorised iris assembly for ECL Profile fixtures series, black	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ ECLPRHSNOOTBK	Half Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black	▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO
▪ ECLPRFSNOOTBK	Full Snoot for ECL Profile series, comp. with 19°, 26° and 36° lenses, black	▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
▪ ECLPRL05/10/14	5°/10°/14°/19°/26°/36°/50°/70°/90° PRL lens barrel for EclProfile fixtures, black housing	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm
▪ ECLLB05/10BK	5°/10° lens barrel for Ecl Profile fixtures, filterframe included, black housing	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10
▪ ECLPRLZ1530/2550BK	Zoom 15°-30°/25°-50° PRL lens barrel for EclProfile fixtures,	▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ ECLLZ1530BK/2550BK	Optics for ECLFC/HD profiler, TPG incl., zoom 15°-30°/25°-50°	▪ SPGM12	28mm spigot for fixtures, M12 bolt
		▪ 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

