Downloaded on 06/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

EclProfile HD

PROLIGHTS

ORDER CODE: **ECLHDDYWH**

VERSIONS

	Code	CT	CRI	Housing
	ECLHDDYBK	5.000 K	> 80 Ra	Black
	**ECLHDDYWH**	**5.000 K**	**> 80 Ra**	**White**
	ECLHDTUBK	3.045 K	> 90 Ra	Black
	ECLHDTUWH	3.045 K	90 Ra	White

Source

200W high-power white LED

IP rating

IP20

Weight

9,2kg / 20.28lbs

EclProfile HDL is a true LED replacement for the traditional 750 W Tungsten ellipsoidal luminaire. The optical system harnesses the power of a 200W COB LED to create an even beam with clean shutter cuts and beautiful sharp or soft edge gobo focusing.
Featuring HDL dimming and available in 3.100 K or 5.000 K, the EclProfile HDL delivers the performance and quality of output demanded from this level of the luminaire.

MAIN FEATURES

- Warm or cold White LED ellipsoidal with HD dimming and high CRI
- High Definition optics for sharp gobo projection
- Accepts industry standard accessories

Downloaded on 06/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

EclProfile HD

PROLIGHTS

ORDER CODE: ECLHDDYWH

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 200W high-power white LED
- Source CCT: TU 3.045 K - DY 5.000K
- Luminous flux: (26°) TU 12'323 lm - DY 15'526
- Lux: TU: (19°) 19'235 lx - (26°) 13'738 lx - (36°) 8'578 lx - (50°) 3'601lx @3 m
- Lux: DY: (19°) 24'769 lx - (26°) 17'749 lx - (36°) 10'992lx - (50°) 5'109lx @3 m
- CRI: (TU) > 90; (DY) > 80
- TLCI: (TU) 19°: 90,5 - 26°: 89,7 - 36°: 92 - 50°: 90
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: optional 5° / 10° / 14° / 19° / 26° / 36° / 50° / Z15-30° / Z25-50°
- Lens type: high-quality glass lens optics

GOBOS

- Gobo size: (B size) 86 mm outer / 64.5 mm image / 1.1 mm thickness

CONTROL

- Supported Protocols: DMX512
- DMX channels: 1 / 2 / 5ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Master/Slave: for synchronised operation of more units linked in a chain

CONNECTIONS

- Power connection: Neutrik powerCON IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 25,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 226W
- Output (at 230V): 7 units on a single power line
- Max power consumption (120V): 229W

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Sturdy die-cast aluminium body
- Finish: black or white finishing
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 342x506x530mm
- Weight: 9,2kg

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning

BOX CONTENT

- 1 x ECLHD
- 1 x 1,5 meters power cable (BARE END - NEUTRIK POWERCON)

Downloaded on 06/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

EclProfile HD

ORDER CODE: ECLHDDYWH

ACCESSORIES & RELATED PRODUCTS



C6040B
Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black



FCLECL
Flight case for 8 pcs of ECLFC or ECLHDL series



C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



RSR0630B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



9533FCAL03
Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FCA socket, L.3m



9513FCAL03
Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket, L.3m



958025L03
3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB, L. 3m

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



ECLLZ1530
Optics for ECLFC/HDL profiler, gel frame holder included, zoom 15°-30°



ECLLZ2550
Optics for ECLFC/HDL profiler, gel frame holder included, zoom 25°-50°



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



ECLLB19WH
19° lens barrel for Ecl Profile fixtures, filterframe included, white housing



ECLLB19BK
19° lens barrel for Ecl Profile fixtures, filterframe included, black housing



ECLLB26BK
26° lens barrel for Ecl Profile fixtures, filterframe included, black housing



ECLLB36BK
36° lens barrel for Ecl Profile fixtures, filterframe included, black housing



ECLLB50BK
50° lens barrel for Ecl Profile fixtures, filterframe included, black housing



ECLLB50WH
50° lens barrel for Ecl Profile fixtures, filterframe included, white housing



ECLIRIS2
Steel iris diaphragm for ECLFC/ECLHDL profiler



ECLGH
Gobo holder for ECL/ECLFC/ECLHDL profiler



SPGM12
28mm spigot for fixtures, M12 bolt



SPGM10
28mm spigot for fixtures, M10 bolt



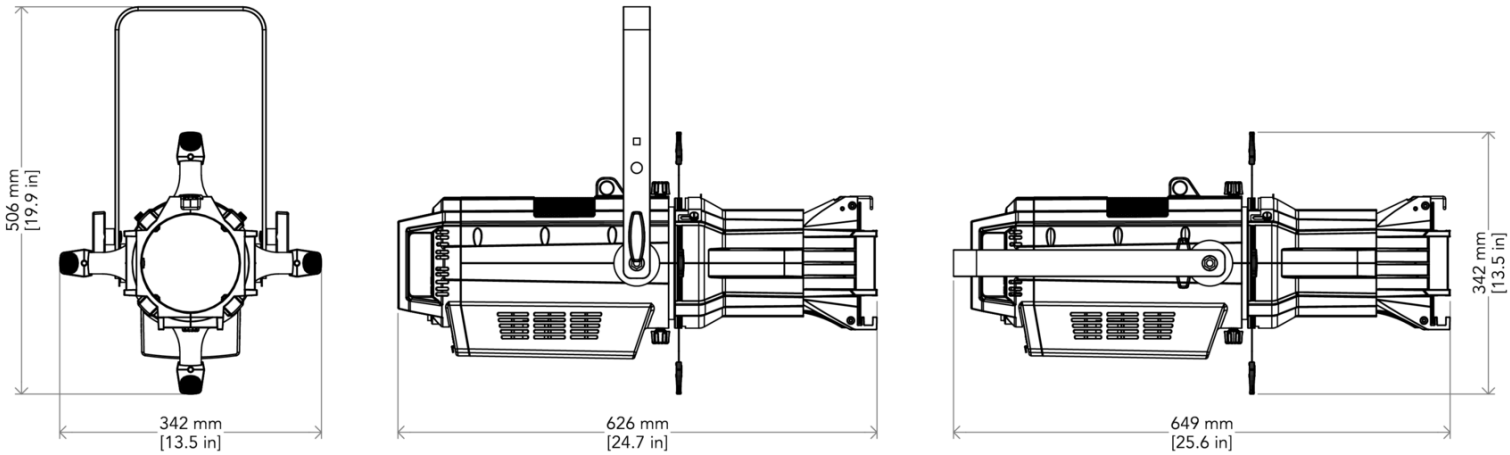
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

Downloaded on 06/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

EclProfile HD

ORDER CODE: ECLHDDYWH

TECHNICAL DRAWINGS



MUSIC & LIGHTS S.r.l.
Via A. Olivetti, snc
04026 - Minturno (LT) ITALY
info@prolights.it
Tel: +39 0771 72190
prolights.it
VAT No. IT 02057590594