# EclFresnel Jr

ORDER CODE: ECLFRESNELJDYWH



## VERSIONS

| | Code | CCT | CRI | R9 | Lumen | Finishing |
|---|---|---|---|---|---|---|
|  | ECLFRESNELJTU | 3.000 K | 97 | 95 | 4'631 lm | Black |
|  | ECLFRESNELJTUWH | 3.000 K | 97 | 95 | 4'631 lm | White |
|  | ECLFRESNELJDY | 5.600 K | 90 | 53 | 5'911lm | Black |
|  | **ECLFRESNELJDYWH** | **5.600 K** | **90** | **53** | **5'911lm** | **White** |

SOURCE
**70W high-power white LED**

ZOOM RANGE
**17° - 81° manual**

IP RATING
**IP20**

WEIGHT
**6kg / 13.23lbs**

LUMINOUS FLUX (MAX)
**2'859 lm**

CRI
**(TU) >97**

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# TECHNICAL SPECIFICATIONS

## LIGHT SOURCE

| | |
|---|---|
| Source: | 70W high-power white LED |
| Source CCT: | (TU) 3.000 K - (DY) 5.600K |
| Luminous flux: | (TU) (17°) 2'859 lm; (81°) 4'631 @Full |
| Luminous flux: | (DY) (17°) 3'656 lm ; (81°) 5'911 lm @ full |
| Lux: | TU (17°) 1'293 lx - TU (81°) 205lx @5 m full |
| Lux: | DY (17°) 1'624 lx - (81°) 254lx @5 m full |
| CRI: | (TU) >97; (DY) >90 |
| R9: | (TU) >95; (DY) >53 |
| TLCI: | (TU) >97; (DY) >92 |
| TM30 Rf: | (TU) >94; (DY) >88 |
| TM30 Rg: | (TU) <103; (DY) >97 |
| Source life expectancy: | > 50.000 h |

## OPTICS

| | |
|---|---|
| Zoom range: | 17° - 81° manual |
| Lens diameter: | 150mm |
| Lens type: | fresnel zoom lens |

## DYNAMIC EFFECTS

| | |
|---|---|
| Static mode: | selection of static colour |
| Manual mode: | manual adjust of dimmer throught menu and knob |
| Auto mode: | built-in programs with execution speed adjustment |

## CONTROL

| | |
|---|---|
| Supported Protocols: | DMX512, RDM, rotatory knob |
| DMX channels: | 1 / 2 - 1 / 2 - 2 / 3 / 5ch |
| RDM: | for remote addressing and parameter configuration |
| Display: | Graphic User Interface |
| Other: | 16bit control of dimmer and colour |

## MOVEMENT

| | |
|---|---|
| Pan: | (pole operated version) 360° with manual regulation |
| Tilt: | (pole operated version) 340° with manual adjustment |

## ELECTRONICS

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

## BATTERY

| | |
|---|---|
| Battery: | 29,6V 4400 mAh external battery (optional ECLFRSJBP4) |
| Recharge connection: | connection for external battery throught XLR 4p |
| Other: | Voltage range: 22,4V-33,6V |

## CONNECTIONS

| | |
|---|---|
| Power connection: | Neutrik powerCON TRUE1 IN/OUT connectors |
| Signal connection: | Amphenol XLR 5p IN/OUT connectors |

## ELECTRICAL

| | |
|---|---|
| Mains power supply: | 100-240V - 50/60Hz |
| Max power consumption (230V): | 90W |
| Output (at 230V): | 22 units on a single power line |
| Power factor: | >0,95 |

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# TECHNICAL SPECIFICATIONS

## PHYSICAL

| | |
|---|---|
| IP rating: | IP20 |
| Cooling: | forced-air with low-noise fan |
| Housing: | Sturdy die-cast aluminium body |
| Finish: | black (RAL 9004) or white (RAL 9010) |
| Operating temperature: | Ta -10 to +45 °C (+14 to +113 °F) |
| Dimensions (WxHxD): | 235x360x260mm |
| Dimensions with PO system (WxHxD): | 298x496x260mm |
| Weight: | 6kg |
| Weight with PO system: | 7,5kg |

## BOX CONTENT

1 x ECLFRESNELJ

1 x ECLFRSJBD

1 x ECLFRSPG

1 x ECLFRSJTPG

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

## INSTALLATION

| | |
|---|---|
| Suspension and fixing: | bracket for hanging and floor positioning |
| Hardware on-board: | filter frame, 8-leaf barndoor and spigot |

## CERTIFICATIONS / REPORTS

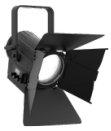
| | |
|---|---|
| Compliance: | CE, UKCA, RCM |

# ACCESSORIES & RELATED PRODUCTS



**ECLFRSPG**

Spigot for PROLIGHTS fixtures



**ECLFRSJBD**

Barn door with 8 directional black flaps to adjust the light beam



**UPBOXPRO**

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

## TECHNICAL DRAWINGS

