# **EclFresnel** CT+XS

ORDER CODE: ECLFRCTPXSBK



| SOURCE | ZOOM RANGE | IP RATING |
|---|---|---|
| **120W 6 colour LEDs source** | **(Fresnel lens) 10°-75°; (PC lens) 10°-67° manual** | **IP20** |

| WEIGHT | LUMINOUS FLUX (MAX) | CRI |
|---|---|---|
| **3,8kg / 8.38lbs** | **2.406 lm** | **97,7 @3.200K** |

Downloaded on 29/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

# TECHNICAL SPECIFICATIONS

## LIGHT SOURCE

| | |
|---|---|
| Source: | 120W 6 colour LEDs source |
| Luminous flux: | (11,2°) 2.406 lm - (74,7°) 3.669 @Full |
| Lux: | (11,2°) 2.560 lx - (74,7°) 225lx @5 m full |
| CRI: | 97,7 @3.200K; 95,9 @5.600 K |
| R9: | 96,5 @3200K; 96,2 @5.600 K |
| TLCI: | 89 @3200K; 93 @5.600 K |
| TM30 Rf: | > 94,8 @3.200K; > 94,3 @5.600 K |
| TM30 Rg: | < 102,8 @3.200K; < 104,4 @5.600 K |
| Source life expectancy: | > 50.000 hrs (L70B10 @Ta 25° C / 77° F) |

## OPTICS

| | |
|---|---|
| Zoom range: | (Fresnel lens) 10°-75°; (PC lens) 10°-67° manual |
| Lens diameter: | 130mm |
| Lens type: | PMMA lens |
| Additional optics: | PC lens available as accessory |
| Other: | barndoor and gel frame included |

## COLOUR SYSTEM

| | |
|---|---|
| Spektra OS: | unmatched color precision and consistency |
| Colour control: | XY, CCT, RGBW, Gel with Source Emulation, Tungsten emulation, HSI, User preset |
| CCT: | linear CCT adjustment from 1.850 K-20.000K |

## CONTROL

| | |
|---|---|
| Supported Protocols: | DMX512, RDM, CRMX (optional) |
| DMX channels: | From 1 to 34ch |
| RDM: | for remote addressing and parameter configuration |
| Display: | 2.4'' Color display |
| Stand Alone: | 1 push 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 - 30 Hz, electronic |
| Selectable PWM: | 1,282 to 40,000 Hz (selectable steps) |
| Firmware upgrade with: | via DMX with UPBOXPRO (not included) |

## CONNECTIONS

| | |
|---|---|
| Power connection: | Neutrik powerCON TRUE1 IN/OUT connectors |
| Signal connection: | Amphenol XLR 5p IN/OUT connectors |
| Wireless Connection: | optional LumenRadio TiMoTwo - CRMX, CRMX² (RX only) and W-DMX compatible |

## ELECTRICAL

| | |
|---|---|
| Mains power supply: | 100-240V - 50/60Hz |
| Low Voltage DC mains: | 48V |
| Max power consumption (230V): | 130W |
| Output (at 230V): | 20 units on a single power line |
| Standby power: | 5,8 W |
| Power factor: | > 0,94 |

## PHYSICAL

| | |
|---|---|
| IP rating: | IP20 |
| Cooling: | forced-air with low-noise fan |
| Housing: | Die-cast magnesium alloy |
| Finish: | black (RAL 9004) |
| Operating temperature: | Ta -10 to +45 °C (+14 to +113 °F) |
| Dimensions (WxHxD): | 227x289x294mm |
| Weight: | 3,8kg |

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# TECHNICAL SPECIFICATIONS

## INSTALLATION

| | |
|---|---|
| Hardware on-board: | filter frame and 8-leaf barndoor included |

## CERTIFICATIONS / REPORTS

| | |
|---|---|
| Compliance: | CE |

## BOX CONTENT

1 x ECLFRCTPXSBK

1 x ECLFRCTPXSFFBK

1 x ECLFRCTPXSBDBK

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

# ACCESSORIES & RELATED PRODUCTS



**FCLECLFRCTPXS**

Flight case for 6 pcs of ECLFRCTPXS series



**ECLFRCTPXSBDBK**

Barn door 8 directional flaps to adjust the light beam for ECLFRCTPXS, black



**ECLFRCTPXSFFBK**

Filter frame for ECLFRCTPXS series, black



**ECLFRCTPXSPCLKBK**

PC lens kit for ECLFRCTPXS, black



**ECLFRSPG**

Spigot for PROLIGHTS fixtures



**LRT2WK1**

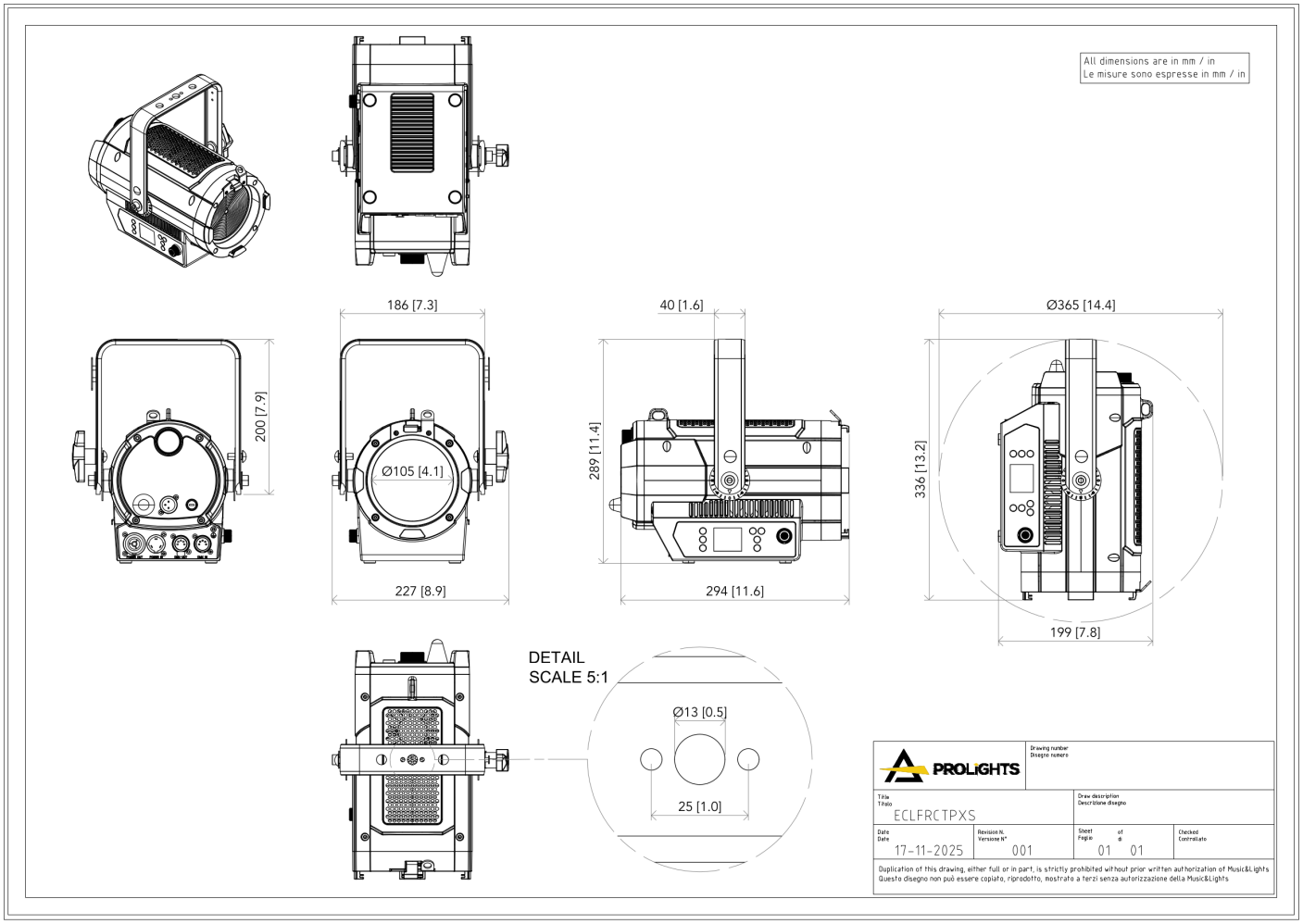
Wireless kit 1 with TimoTwo



**UPBOXPRO**

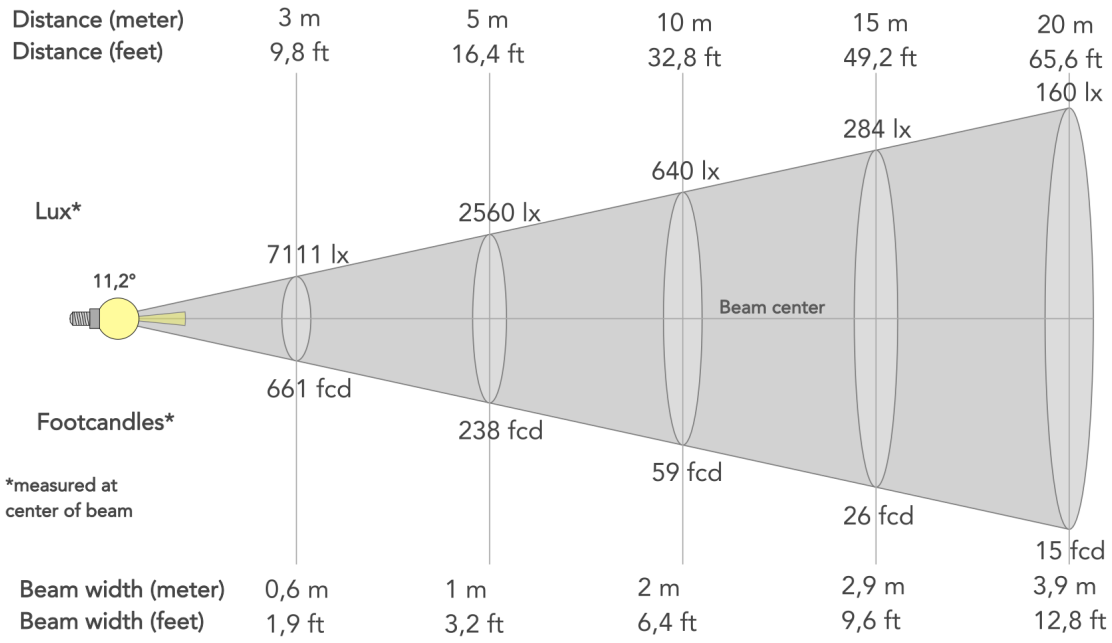
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

## TECHNICAL DRAWINGS



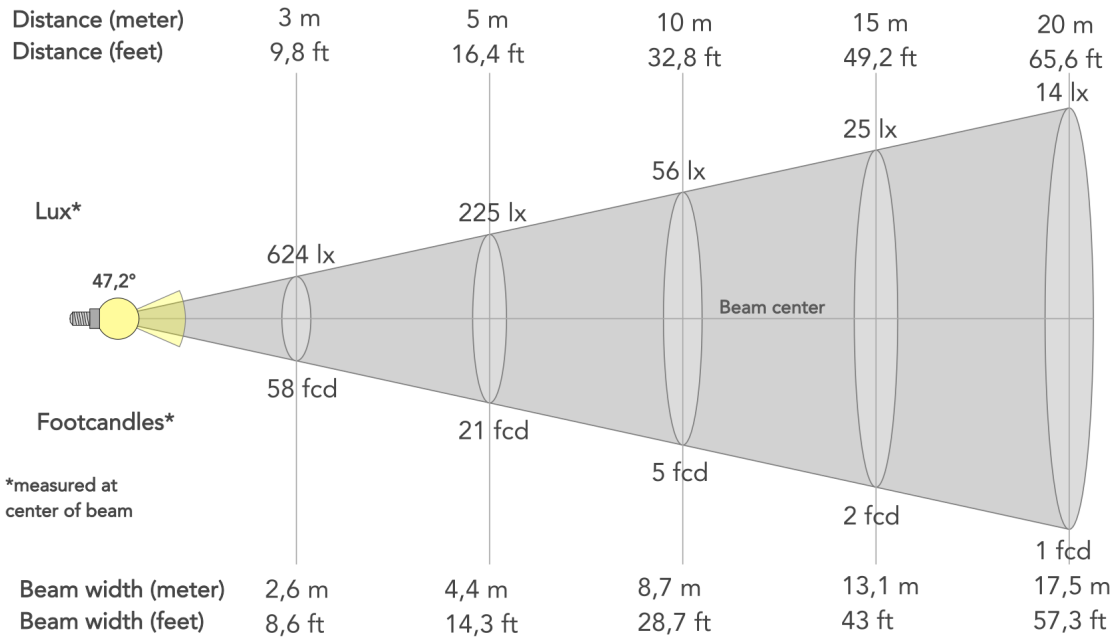
## PHOTOMETRICS

**Full On - Min Zoom**




| | | |
|---|---|---|
| Beam angle (50%): **11.2°** | Field angle (10%): **17.3°** | Cut-off angle (2.5%): **21.9°** |

**Full On - Max Zoom**




| | | |
|---|---|---|
| Beam angle (50%): **47.2°** | Field angle (10%): **75.1°** | Cut-off angle (2.5%): **89.6°** |