

Ruby FCX

50 W RGB FC LED beam light with infinite rotation

ORDER CODE: RUBYFCX



The **Ruby FCX** is a LED replacement for a discharge beam light. Maintaining the bright, tight, 2° beam and adding full colour mixing through the high-efficiency RGB source.

Ruby FCX is packed with all the features you would expect from a beam effect moving the light - such as gobos, 8f circular and 6f linear prism, frost and infinite pan and tilt rotation.

MAIN FEATURES

- 50 W RGB LED source incredibly bright and colourful
- Infinite pan & tilt rotation delivers new aerial effects
- Control through DMX, Art-Net and Wireless DMX

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 50W RGB LED
- Lux: 141'929lx @3 m full
- Lux: 51'094lx @5 m full
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 2°
- Lens diameter: 116mm
- Lens type: high-quality glass lens optics
- Focus: motorised

COLOUR SYSTEM

- Colour mixing: RGB / FC
- CTC: CTC control through independent DMX channel
- White presets: 2.000 K - 8.000K
- Colour wheel: virtual colour wheel with presets
- Macros: several pre-build pixel macros with adjustable speed

DYNAMIC EFFECTS

- Fixed gobos: 17 fixed gobos + open
- Circular prism: 8f with bi-directional rotation, indexing
- Linear prism: 6f with bi-directional rotation, indexing
- Frost: frost unit to soften the beam edge

BODY

- Pan angle: 540° / 630° with 360° continuous rotation
- Tilt angle: 265° with 360° continuous rotation
- Pan/Tilt resolution: 16 bit
- Feedback: automatic repositioning after accidental movement
- Body: sturdy die-cast aluminium body conceived for long-time durability
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, Art-Net, W-DMX
- DMX channels: 18 / 20 / 22 / 23channel
- W-DMX: included, wireless solution receiver
- RDM: RDM ready for fixture remote monitor and settings
- Display: LCD high resolution colour display with autoflip
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Hibernation: power safe mode when lost DMX
- Master/Slave: for synchronized operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 30 Hz, electronic
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature: 0° ~ +45°
- Flicker: flicker free operation

ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 122W
- Power consumption (at 120 V): 124W

PHYSICAL

- Cooling: forced air with low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: Art-Net RJ45 IN/OUT
- Power connection: Seetronic powerCON IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 194x311x133mm
- Weight: 12kg

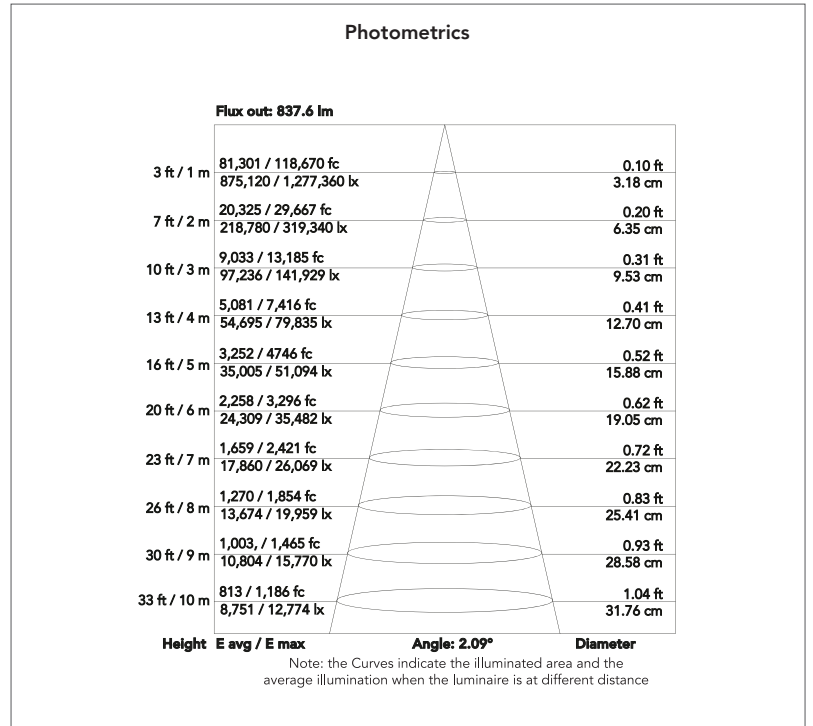
ACCESSORIES & RELATED PRODUCTS

- OS24: Quick-lock omega bracket.
- FCLRUBYFCX: Flight case for 4pcs of RUBYFCX
- WSBBF1G5: BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- WSWBF1G5: WhiteBox F-1 G5 IP66 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- WSBBF2G5: BlackBoxF-2 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 1024Ch

- WSPBF2500G5: ProBox F-2500 G5 transmitter, 1024Ch 90-250VAC, 19
- MICROF1G5: Micro F-1 G5 transmitter, int. omni antenna 2dBi, 2,45GHz. 512Ch, 12VDC, Batt.
- C6002: Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
- UPBOX2: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT

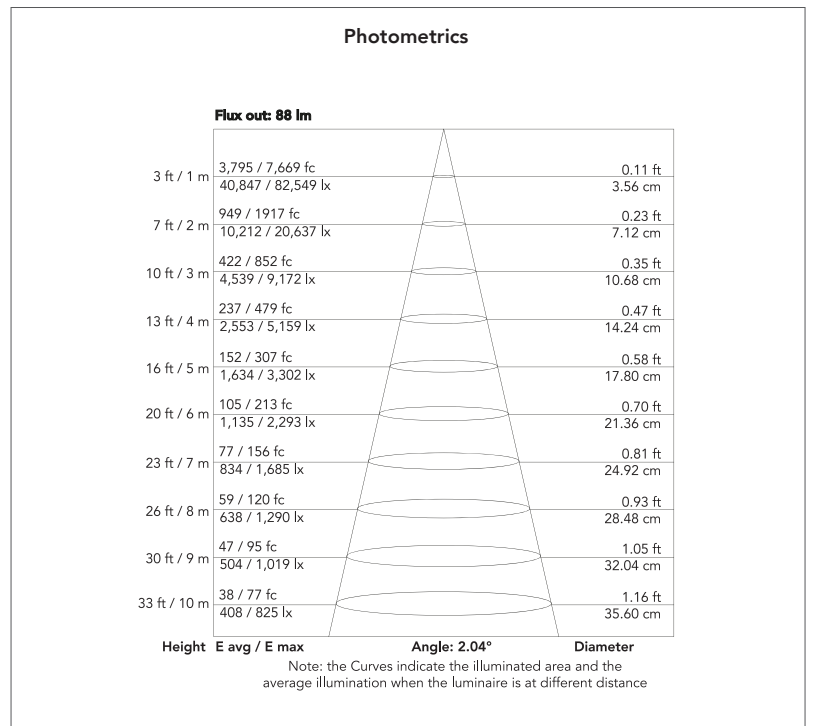
COLOUR PRESET FULL ON

Beam angle 2°

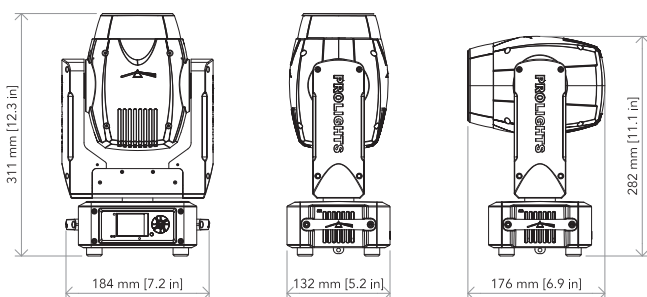


COLOUR PRESET BLUE

Beam angle 2°



TECHICAL DRAWINGS



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