Ruby FCX

50W RGB FC LED beam light with infinite rotation
ORDER CODE: **RUBYFCX**

PROLiGHTS

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

- 50W 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
- CCT: CCT control through dedicated DMX channel
- White presets: 2.000 K - 8.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built 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
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, Art-Net, W-DMX
- DMX channels: 18 / 20 / 22 / 23channel

- Wireless Control: included, wireless solution receiver
- RDM: RDM for remote monitoring 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 synchronised operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: 0° ~ +45°
- LED Control: flicker free operation

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 122W
- Max power consumption (at 120V): 124W

PHYSICAL
- IP rating: 20
- Cooling: active, silent operation
- 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
- Dimensions (WxHxD): 194x311x133mm
- Weight: 12kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS

9313FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, SETSAC3FX socket, L.3 m
9333FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m
938225L03	3x2.5mm TH07 Cable, 16A SETSAC3MX, 16A SETSAC3FX, L. 3m
C6016B	Quick-trigger slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black
OS24	Quick-lock omega bracket.
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black

TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX
FCLRUBYFCX	Flight case for 4pcs of RUBYFCX
UPBOX2	Firmware uploader kit, USB IN, 3-pin XLR DMX OUT