

FlatCob 80

80W RGB/FC COB LED source

ORDER CODE: **FLATCOB80**

TRIBE



FlatCob 80 is a compact LED projector equipped with a COB source that allows to place a bright RGB/FC 80W LED in a super-slim housing. The light source features 60° beam angle with a magnetic lens holder (included) to switch the projection at 30°. **FlatCob 80** can be controlled wirelessly through the optional USB WIFI transceiver in combination with WIFIBOX and the SmartColor app or through IR remote.

MAIN FEATURES

- 80W RGB COB LED source for limit-less vivid colours
- LED + parabolic reflector featuring classic PAR CAN concept applying new LED technology
- Interchangeable optics: 60° without optics, 30° included
- Silent operation and HD dimming system with adjustable PWM for studio application
- USB port for USB WIFI transceiver (optional)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 80W RGB LED
- Luminous flux: 1'511 lm
- Lux: (60°) 171 lx - (30°) 923 lx @3 m full
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 18° - 52°
- Field angle: 31° - 96°
- Lens type: reflector with collimator to achieve asymmetric beam diffusion
- Additional optics: 30° (inc)

COLOUR SYSTEM

- Colour mixing: RGB / FC
- White presets: 3.200 K ~ 10.000 K
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment
- Sound mode: music activation through internal microphone and sensitivity control

BODY

- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL

- Protocols: DMX512
- DMX channels: 3 / 8 channel
- W-DMX: optional, proprietary protocol compatible with WIFIBOX, WDBOX
- Display: LED display user interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- IR: infrared sensor controlled by remote
- 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 - 28 Hz, electronic
- Operating temperature: -10° ~ +45°
- LED Control: flicker free operation

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 56W
- Max power consumption (at 120V): 55,6W
- Output (at 230V): 23 units on a single power line
- Output (at 120V): 12 units on a single power line

PHYSICAL

- Cooling: passive cooling and fan-free
- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Data: USB port for USB WIFI transmitter (optional)
- Signal connection: XLR 3p IN/OUT connectors
- Power connection: IEC IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 200x162x230 mm
- Weight: 2 kg

ACCESSORIES & RELATED PRODUCTS

- | | |
|------------|--|
| ▪ WIFUIUSB | USB Wi-Fi transceiver, compatible with WIFIBOX and WDBOX |
| ▪ WIFIBOX | DMX controller interface, Wi-Fi/DMX IN, Wi-Fi / DMX OUT |
| ▪ WDBOX | Wireless DMX Transceiver, IN/OUT 3-pin XLR, distance 200m, 2.4 GHz, 0.6 kg |

- | | |
|---------------|--|
| ▪ LUMIPARIRCH | RGBWA IR remote controller, manual / auto modes, for LUMIPAR IR series |
| ▪ UPBOX1U | Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT |