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DisplayCob TRWDWW

ORDER CODE: DISPLAYCOBTRWDWW



Source

45W White COB LED

IP rating

IP20

Weight

1,85kg / 4.08lbs

DisplayCob TRWDWW is a track mounted 45W Warm White LED COB spotlight, designed with electronic and user interface on board being able to be implemented with any existing lighting track easily. The on board Wireless DMX receiver allow users to control this luminaire without any cable, so it doesn't need a specific track with data wirings, or it can be hanged without its track adaptor, anywhere using the on board bracket and controlling via wired DMX protocol. DisplayCob TRWDWW optical systems is composed by a powerful COB LED source and a parabolic reflector, with swappable lenses allowing a beam angle from 15° up to 60° for a perfect focusing. DisplayCob features are an ideal solution to add dynamics and creativity in any installations such as commercials, hotels, restaurants and art galleries.

MAIN FEATURES

- 45W Warm White LED COB spotlight with swappable optical group (15° ~ 60°)
- Electronics on board and not on track for easy implementation
- W-DMX and DMX512 control

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 45W White COB LED
- Source CCT: 3.200K
- Luminous flux: 2'309 @Full
- Lux: (30°) 236lx @5 m full
- CRI: >96
- R9: >82
- TLCI: >97
- TM30 Rf: >94
- TM30 Rg: 100
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Beam angle: 60°
- Field angle: 80°
- Lens type: parabolic reflector in combination with HD fresnel lens
- Additional optics: 30° (included) - 15° (optional)

DYNAMIC EFFECTS

- Static mode: selection of static colour
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 52W
- Power factor: >0,98

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM

CONTROL

- Supported Protocols: DMX512, W-DMX
- DMX channels: 1 / 2 / 5ch
- Display: Graphic User Interface
- 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 ~ 25 Hz, electronic
- Selectable PWM: 600 to 25,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: track adaptor (EUTRAC, STAFF, GLOBAL, IVELA, Eurostandard Plus compatible)
- Signal connection: XLR 5p IN/OUT connectors
- Wireless Connection: integrated W-DMX receiver

PHYSICAL

- IP rating: IP20
- Cooling: fan-free with natural convection
- Housing: Sturdy die-cast aluminium body
- Finish: white (RAL 9003)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 167x290x163mm
- Weight: 1,85kg

INSTALLATION

- Suspension and fixing: track adapter for suspension and fixing (included)

BOX CONTENT

- 1 x DISPLAYCOBTRWDFC

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ACCESSORIES & RELATED PRODUCTS



TRACKADAWH
Track adaptor - White

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



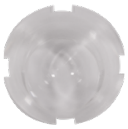
C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



RSR0630B
Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



DISPLAYCOBL30
Optics for DISPLAYCOB projectors series, 30°



DISPLAYCOBL15
Optics for DISPLAYCOB projectors series, 15°



DISPLAYCOBTPGWH
Filter frame for DISPLAYCOB projectors, white



DISPLAYCOBBDWH
Barn door with 4 directional flaps to adjust the light beam, for DISPLAYCOB, WH



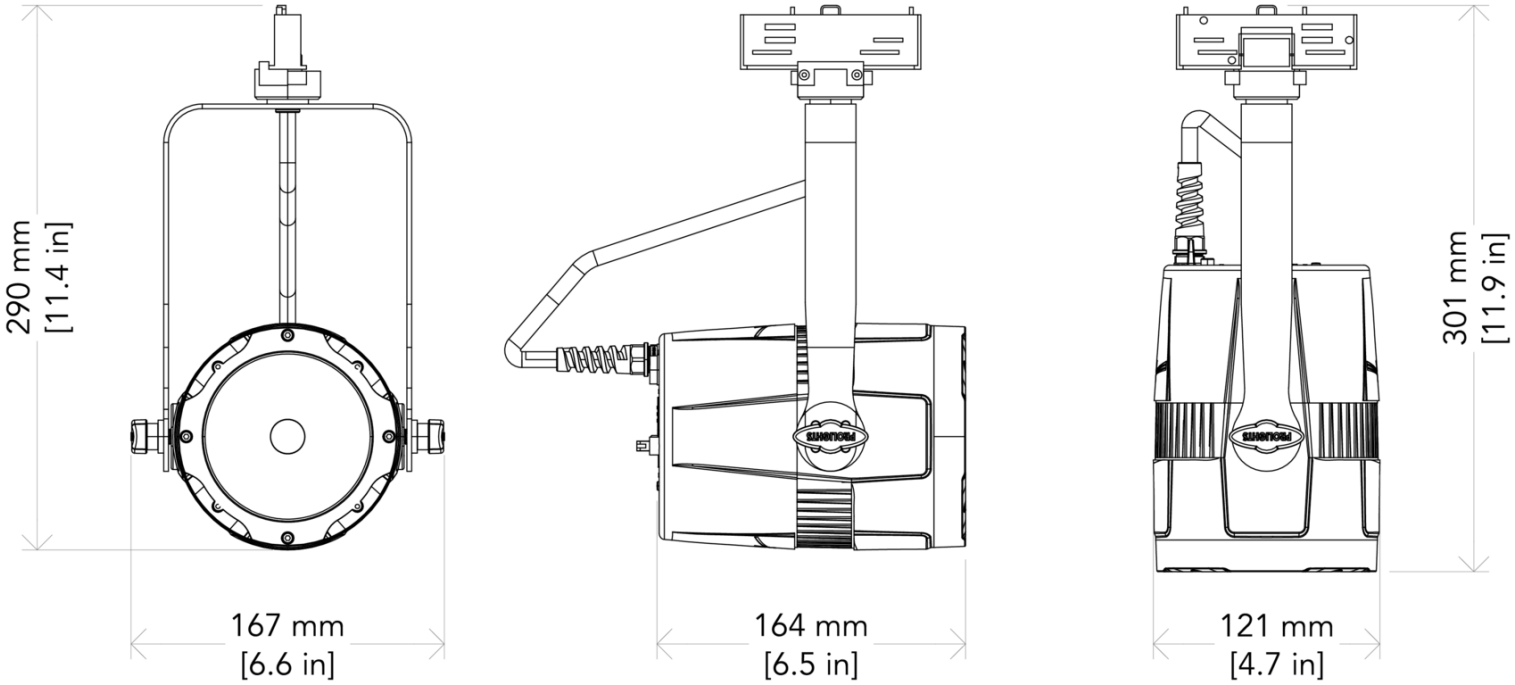
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS



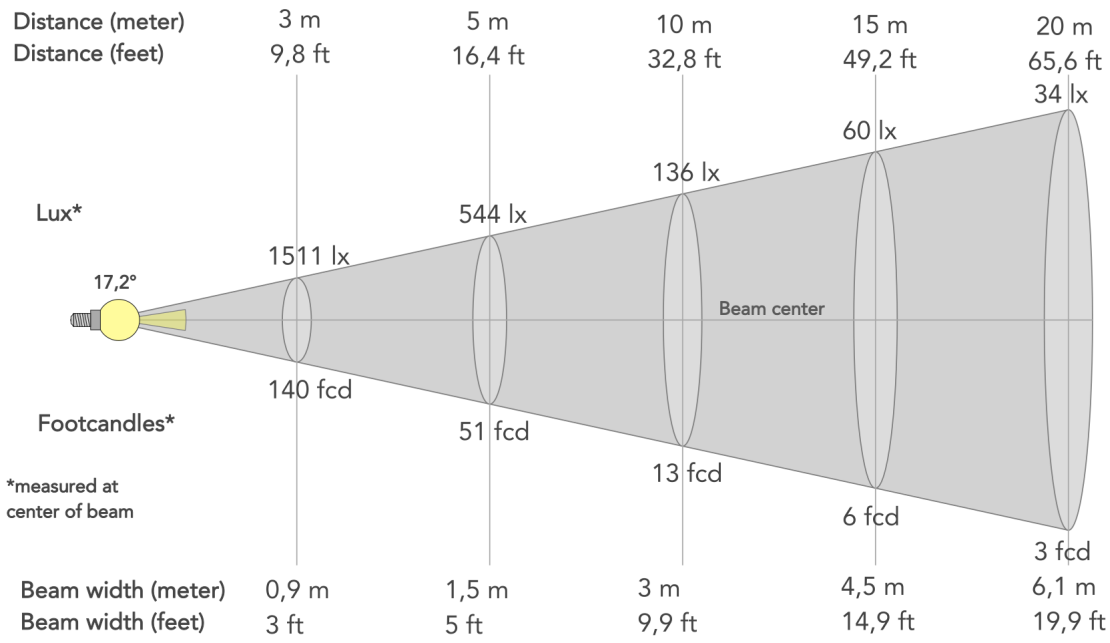
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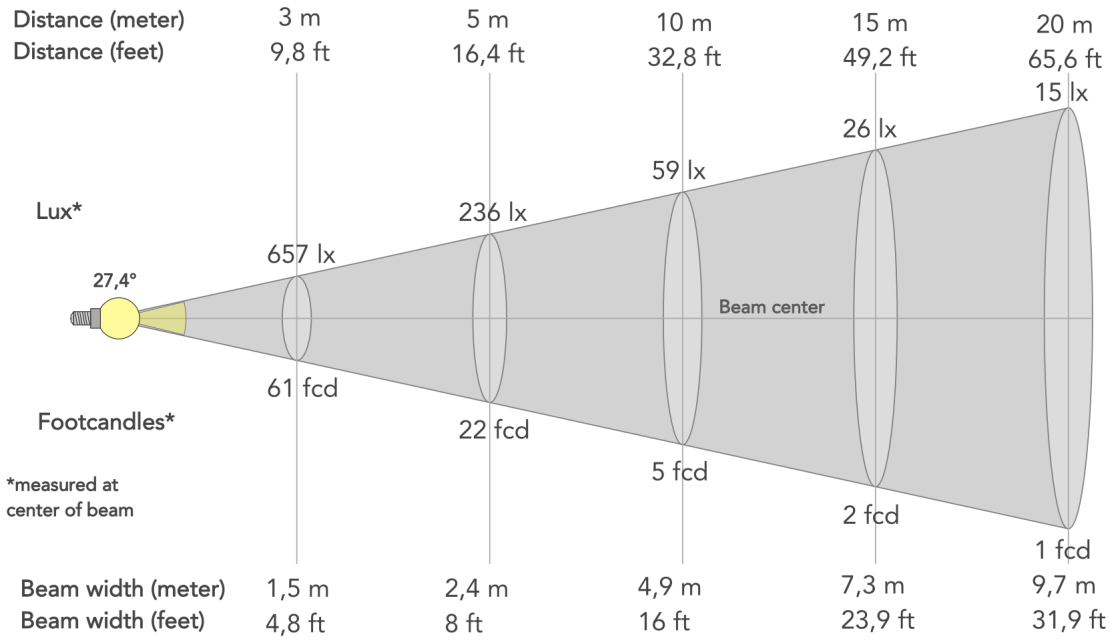
PHOTOMETRICS

Full on - 15°



Beam angle (50%): **17.2°**	Field angle (10%): **30.1°**	Cut-off angle (2.5%): **67.3°**

Full on - 30°



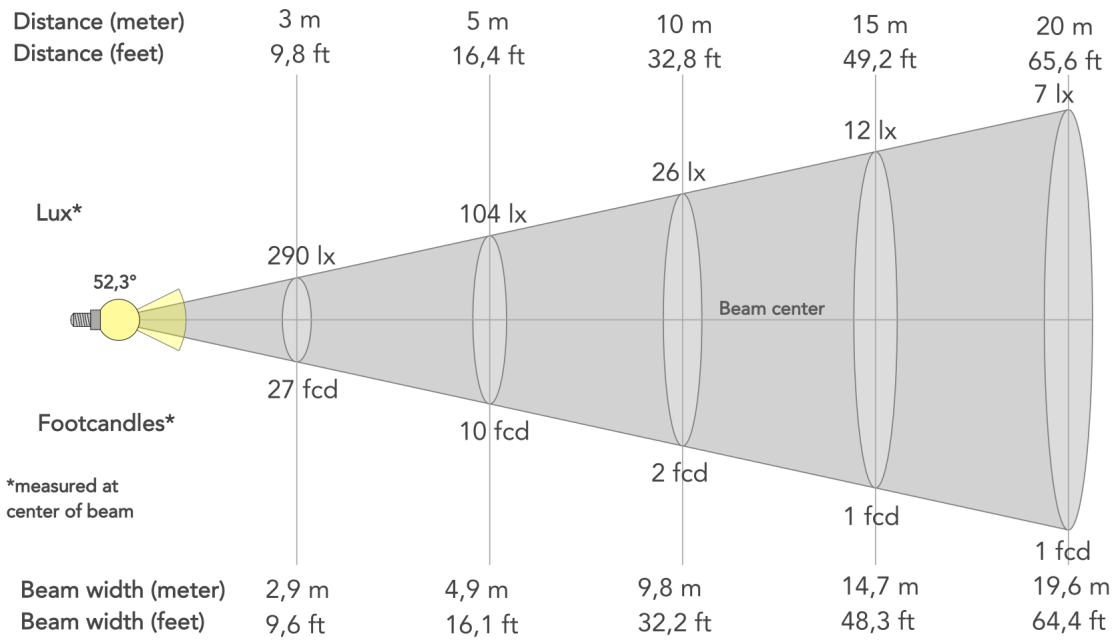
Beam angle (50%): **27.4°**	Field angle (10%): **56.9°**	Cut-off angle (2.5%): **106.1°**

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Full on - 60°



Beam angle (50%): **52.3°**	Field angle (10%): **88°**	Cut-off angle (2.5%): **125.2°**

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