

# DisplayCob DY

45W compact Daylight White COB PAR with parabolic reflector

ORDER CODE: **DISPLAYCOBDY**



**DisplayCob DY** is the compact version of the popular **StudioCob DY** - perfect for an installation or indoor venues. **DisplayCob DY** uses a 45W COB LED source daylight white 5.000 K, combined with a special parabolic reflector built in aluminium which develops an extremely bright and homogeneous output of 91 CRI and interchangeable lens systems to switch from 60° (incl.) to 30° (incl.) and 15° (opt.).

## MAIN FEATURES

- Compact LED PAR with high CRI 45W cold white COB source
- HD dimming and an extensive and even colour palette.
- Flexible lens options of 15° - 30° - 60° and functional barn doors

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 45W White COB LED
- CCT: 5.000K
- Luminous flux: (30°) 2'651 - (60°) 2'684lm @full
- Lux: (30°) 313lx @5 m full
- Lux: (60°) 120lx @5 m full
- CRI: >91
- R9: >58
- TLCI: >91
- TM30 Rf: >88
- TM30 Rg: >98
- 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° (incl) - 15° (opt)

### 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

### BODY

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

### CONTROL

- Protocols: DMX512
- DMX channels: 1 / 2 / 5channel
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- 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
- Selectable PWM: 600 ~ 25.000 Hz

### ELECTRICAL

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

### PHYSICAL

- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Signal connection: XLR 5p IN/OUT connectors
- Power connection: moulded IP power IN connector
- Dimensions (WxHxD): 166x118x250mm
- Weight: 1,85kg

### CERTIFICATIONS / APPROVALS

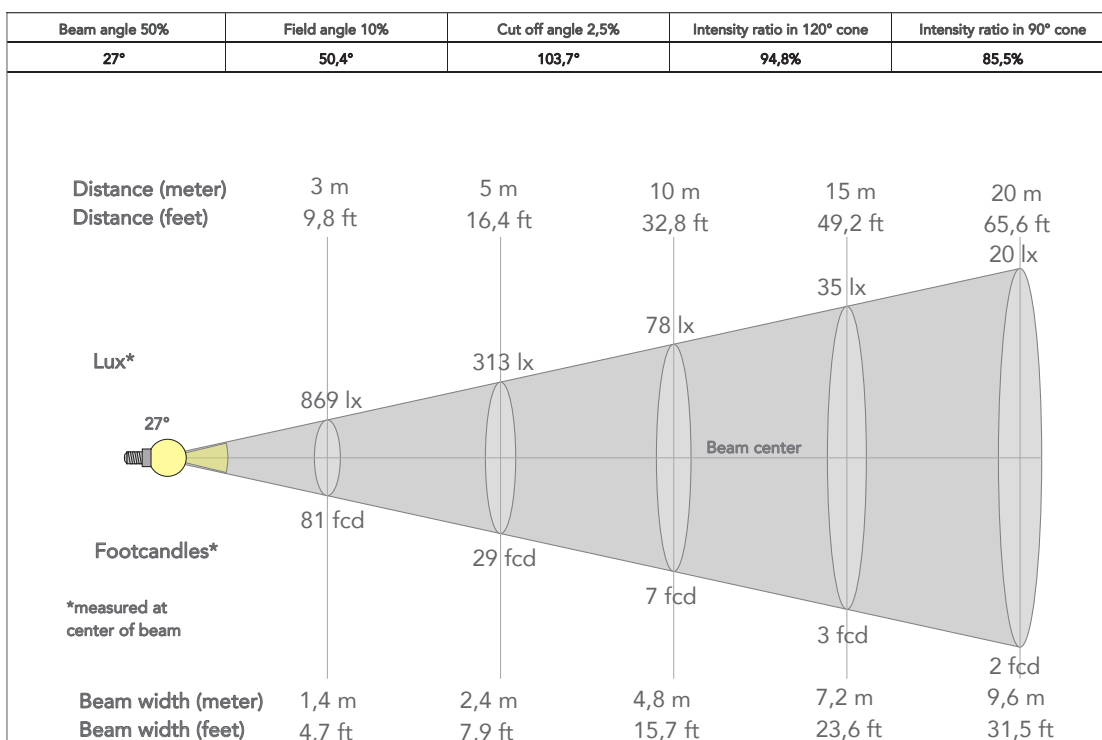
- Certifications / Approvals: CE, UKCA, RCM

## ACCESSORIES & RELATED PRODUCTS

- |                 |   |                   |   |
|-----------------|---|-------------------|---|
| ▪ C6002B        | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black          | ▪ DISPLAYCOBL15   | Optics for DISPLAYCOB projectors series, 15°                                    |
| ▪ DISPLAYCOBL30 | Optics for DISPLAYCOB projectors series, 30°                                | ▪ DISPLAYCOBDBDK  | Barn door with 4 directional flaps to adjust the light beam, for DISPLAYCOB, BK |
| ▪ RSR0630B      | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black | ▪ DISPLAYCOBTGPBK | Filter frame for DISPLAYCOB projectors, black                                   |
| ▪ TOUR53415L03  | Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m                | ▪ UPBOX1U         | Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT                        |

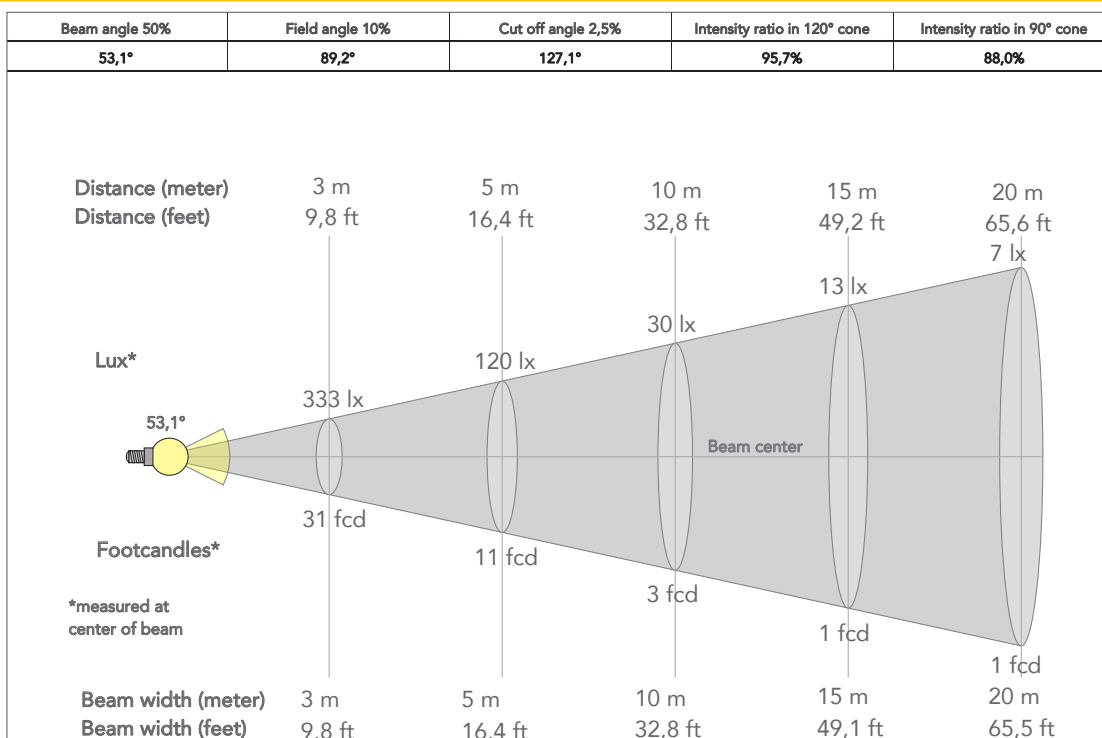
## PRESET FULL ON

Beam angle 50%: 30°

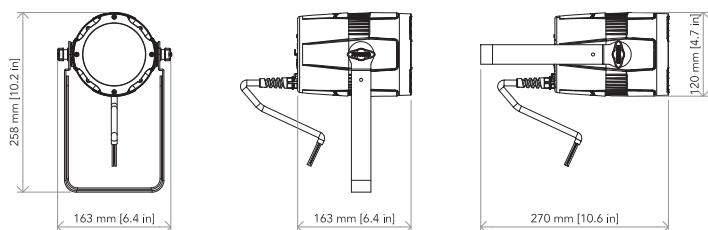


## PRESET FULL ON

Beam angle 50%: 60°



## TECHNICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



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