



Chroma-Q™
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.0
Chroma-Q™ Studio Force D 48
Daylight White LED Battens
Part No: CHSFD48NF

DESCRIPTION

The fixture shall provide a very powerful 20,000 hot lumens output for washing large areas.
The fixture shall be suitable for creating a wide range of lighting applications, including key-lighting, uplighting, backlighting and wash applications.
The fixture shall provide 6,100K CCT daylight white light output.
The fixture shall provide a CRI of 70.
The fixture shall provide a smooth, linear dimming curve.
The fixture shall feature a built-in stand-alone mode.
The fixture shall feature a built-in power supply.
The fixture shall be manufactured from extruded material.

FEATURES

- 6,100K CCT daylight white
- Extreme output - 20,000 lumens (48) / 28,000 lumens (72)
- Extremely smooth, uniform wash
- Theatrical grade dimming
- "Ideal for TV, film, touring, exhibitions, corporate events and theatre"
- Choice of 1.2m / 4ft (48) and 1.8m / 6ft (72) lengths
- Camera friendly
- PowerCon input and output for easy daisy chaining of fixtures
- Optional cyc and border light lens media accessories
- Flat end plates for seamless wall-washing
- Built-in power supply
- Hidden quick release fixings
- Rugged extruded aluminium body

ORDERING INFORMATION

CHSFD48NF: Chroma-Q Studio Force D 48, body finished in black

ACCESSORIES

CHCFCL48: Chroma-Q Cyc Lens For Force 48
CHCFBL48: Chroma-Q Border Light Lens For Force 48
CHCFHS48: Chroma-Q Half Snoot For Force 48

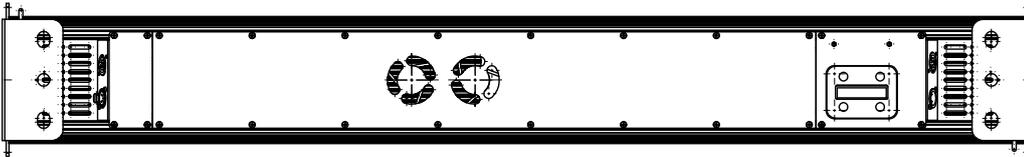
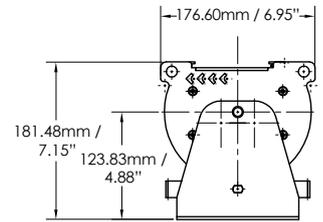
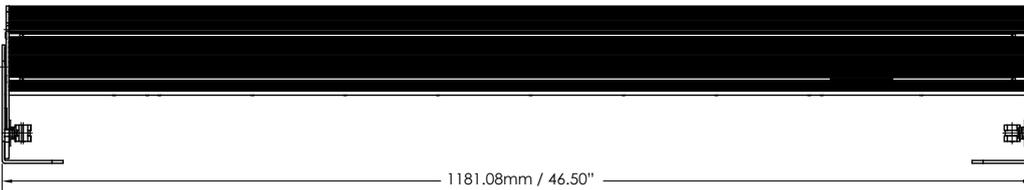
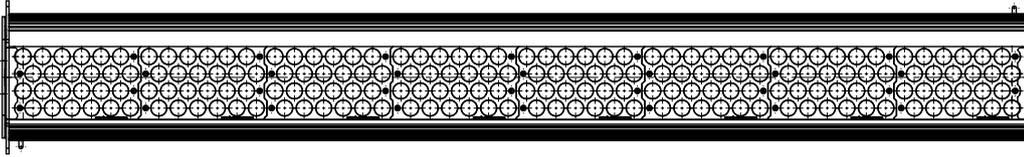
OVERALL SPECIFICATIONS

Net dimensions (without fixings): Width: 1,181mm / 46.5"
Height: 182mm / 7.25"
Depth: 177mm / 7"
Net weight: 15kgs / 33lbs
Shipping dimensions: Width: 1,295mm / 51"
Height: 305mm / 12"
Depth: 320mm / 12.5"
Shipping weight: 18kgs / 40lbs
Power supply: Built-in
Power input rating: 100-240V AC, 50-60 Hz, 400VA
Power factor: 0.995
Power consumption: 480W
Typical power & current: Measurements done with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.
Power connectors in/out: PowerCon
Data connectors in/out: XLR 5-pin
Control protocol: ANSI E1.11 USITT DMX 512-A
Cooling system: Forced - 2 fans
Construction: Anodised aluminium extrusion
Colour: Black
Built in hardware: Quick release lever for tilt adjustment
IP Rating: IP20
Approvals: CISPR 22 :2006/EN55022 :2006 & CISPR 24 :1997/EN55024 :1998, ICES-003 :2004 & FCC Part 15 Subpart B: 2007, CSA C22. No. 166-M1983:R2008 UL 1573:2003; UL 8750
LED engines: 8
LEDs per engine: 24 Cold White
Total LEDs: 192
Control modes: 32 channels Dim32
2 channels FxDim
8 channels Dim8x
1 channel Dim1x
1 channel Look Select
Master Standalone
Slave Standalone
Manual
Theatrical
Diming Curve: Theatrical
Variable effects engine: Yes
Effects parameters: Intensity Effects
Hot Lumen output: White 20,000 hot lumens
CRI: >70
Optics: Specialised close focus lens
Beam angle: ~23°
Beam Angle With
Optional Cyc Optic: 80 x 30° (approx.)
Beam Angle With
Optional Border Optic: 60° (approx.)
Beam Distribution: Asymmetrical direct illumination
CCT: 6,100K (+/- 200K)
Lamp life: L70 at 50,000 hours
Colour Gamut: Performance enhanced



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