



DESCRIPTION

The fixture shall provide a single optic colour mixing RGBA LED cell.
Each fixture shall provide a single colour optic across the spectrum.
The fixture shall provide a very efficient light output of around 100 Lumens and a minimum CRI of 90.
The fixture shall offer a wide choice of control modes, including HSI, RGBA, RGB (*Magic Amber™) and RGBA (*Magic Amber).
The fixture shall be suitable for creating a wide range of fixture configurations including discreet set piece lighting and interior architectural lighting.
The fixture shall feature a built-in stand-alone mode with real-time triggering.
The fixture shall have a powerful variable effects engine (V² technology).
The fixture shall be manufactured from extruded lightweight material.
The fixture is to be used with the Nano RGBA Fan Out Box and standard PSU05 & PSU30 Power Supplies.
Up to 20 x Nano's can be used with a PSU05 - When used with 5 x Fan Out Box.
Up to 120 x Nano's can be used with a PSU30 - When used with 30 x Fan Out Box.

FEATURES

- Compact size and lightweight.
- Minimum CRI of 90 – for tungsten emulation.
- Efficient light output of 100 Lumens.
- Extensive colour range - create subtle theatrical hues.
- Single colour diffused optics - virtually eliminate multicoloured shadows.
- Camera friendly output.
- Exceptional colour brightness & light output levels.
- To be used with the standard Colorblock 2 Plus PSU05 or PSU30 power supplies and the Nano Fan Out Box.
- Fixtures use RJ45 connectors to connect to fan out box.

OVERALL SPECIFICATIONS

Net dimensions (without fixings): Width: 87mm / 3.4"
Height: 126mm / 5"
Depth: 62mm / 2.5"

Net weight: .3kg / .7lbs

Shipping dimensions: Width: 305mm / 12.5"
Height: 127mm / 5"
Depth: 171mm / 6.75" (Box of 4 units)

Shipping weight: 1.8kg / 4lbs (Box of 4 units)

Power connections: Daisy-chained power & data connections via external 4-way splitter

Power supply: External - PSU05B & PSU30

Power input rating: 48V DC per 4-way external splitter box

Power factor: See power supply specification sheets

Power consumption: See power supply specification sheets

Power Connector in/out: RJ45 Chassis

Data Connector in/out: RJ45 Chassis

Max cable run: 3m / 10' (from external 4-way splitter to fixture)

OVERALL SPECIFICATIONS (cont.)

Control protocol: ANSI E1.11 USITT DMX 512-A

Cooling system: Convection

Operating temperature: 0°C to 40°C

Construction: Anodised aluminium extrusion

Colour: Black

Built-in hardware: 2 x M10 nuts

IP rating: IP20

Approvals: CE

LED cells: 1

LEDs per cell: 12 (3 x RGBA)

Total LEDs: 12

Control modes: PSU05B: 67 channels FxHSI, 60 channels HSI, 60 channels RGB (*Magic Amber), 21 channels FxHSI, 15 channels HSI, 15 channels RGB (*Magic Amber), 9 channels FxHSI, 3 channels HIS, 3 channels RGB (*Magic Amber), 80 channels RGBA, 80 channels RGBI, 20 channels RGBA, 20 channels RGBI (*Magic Amber), 4 channels RGBA, 4 channels RGBI (*Magic Amber), 1 channel Look Select; PSU30: 367 channels FxHSI, 360 channels HSI, 360 channels RGB (*Magic Amber), 96 channels FxHSI, 90 channels HSI, 90 channels RGB (*Magic Amber), 9 channels FxHSI, 3 channels HSI, 3 channels RGB (*Magic Amber), 480 channels RGBA, 480 channels RGBI (*Magic Amber), 120 channels RGBA, 120 channels RGBI (*Magic Amber), 4 channels RGBA, 4 channels RGBI (*Magic Amber), 1 channel Look Select Theatrical

Dimming curve: Theatrical

Variable effects engine: Yes

Effects parameters: Grouping, colour speed, fan, range, step, intensity effects, intensity fan

Hot lumen output (combined): 100

Optics: Specialised close focus lens

Beam angle: 25° (approx.)

Beam distribution: Asymmetrical direct illumination

CCT: Adjustable 1,000 – 10,000K

CRI: 90

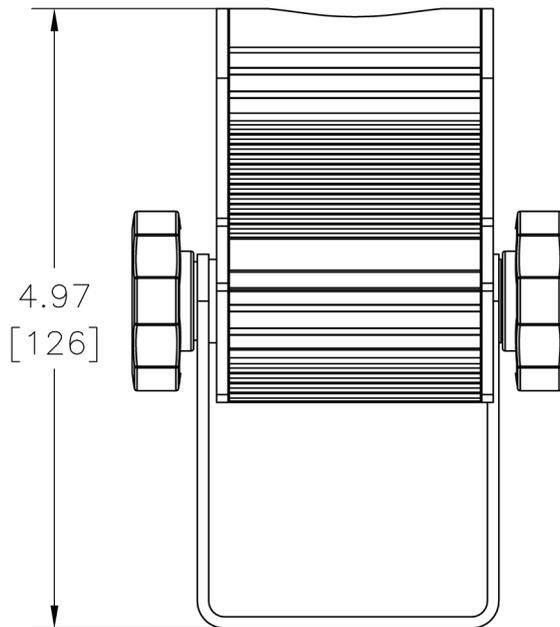
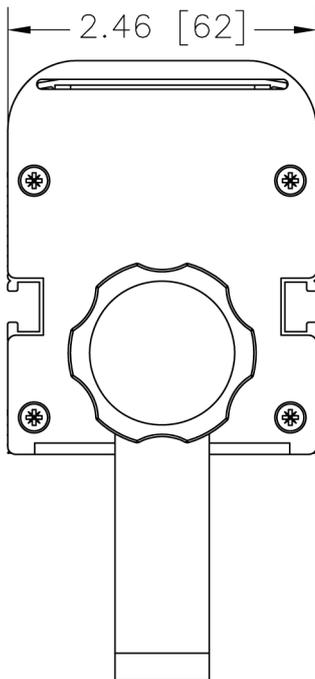
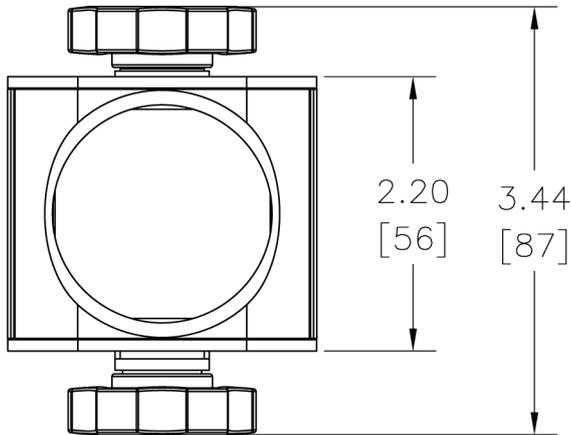
Lamp life: L70 at 50,000 hours

* Magic Amber is the term used for the unit's ability to bring in amber when mixing colours that require it.



Chroma-Q®
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Specification Sheet - Version: 1.4
Chroma-Q® Color Block 2 Plus Nano™
Part No: CHCBN



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