coemar
LIGHT EMOTION

Preview

ReLite Led HD

KEY FEATURES

- Designed to retrofit 1K and 2K traditional incandescent fixtures
- HD electronic and internal microprocessor enable the selection of different dimming curves, the firmware upgrade and a more stable light output compared to the standard ReLite
- Internal temperature sensor to adapt the power to the temperatures detected inside the fixture
- Fixed white CCT at 3200 K or 5600 K with CRI 90
- Smooth dimming from 20 to 100% from traditional triac AC or igbt dimmers
- Huge power savings (reduce your power consumption by over 90%) with almost no heat generated
- Flicker-free ideal for TV/Broadcast installations

SPECIFICATIONS

- Fixed white CCT at 3200 K or 5600 K (color temperature tolerance +/- 100 K nominal)
- Customizable dimming curve through software (on request)
- Smooth dimming from 20 to 100% on your existing AC or igbt Dimmers
- Flicker-free (dimming with constant current)
- Operating Ta (°C/F) range: -20 to 45°C (-4 to 113° F), two thermal protection at 95°C/203°F (LED) and 85°/185°F (Board)
- Fan setting with 2 different options: low and auto (it can be changed manually via a switch on board)
- Maximum fan noise: 28 dbA
- IP rating: 20
- Instantly upgrade an existing Arri, ADB or De Sisti (and more)

LIGHT SOURCE

- Modular COB LED - CRI>90
- LEDs life: 20.000 hours at 70% lumen intensity maintenance

PHYSICAL SIZE

- Depth: 99.8 mm (3.92 in)
- Width: 134.4 mm (5.29 in)
- Height: 123.2 mm (4.85 in)
- Height with connectors: 145 mm (5.70 in)
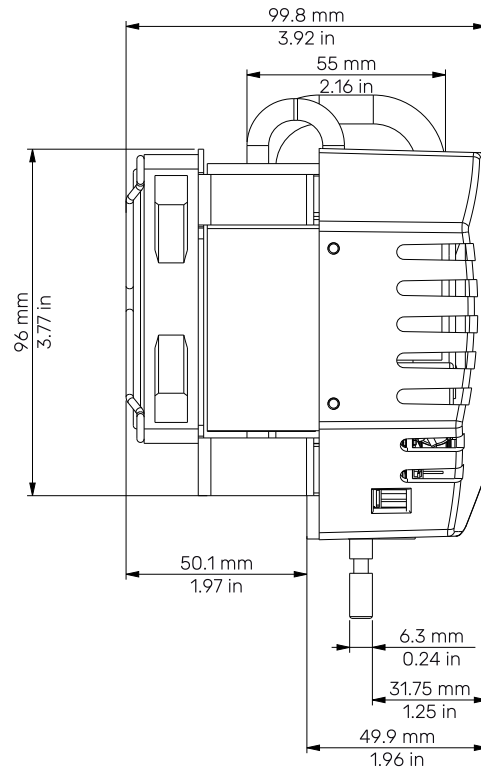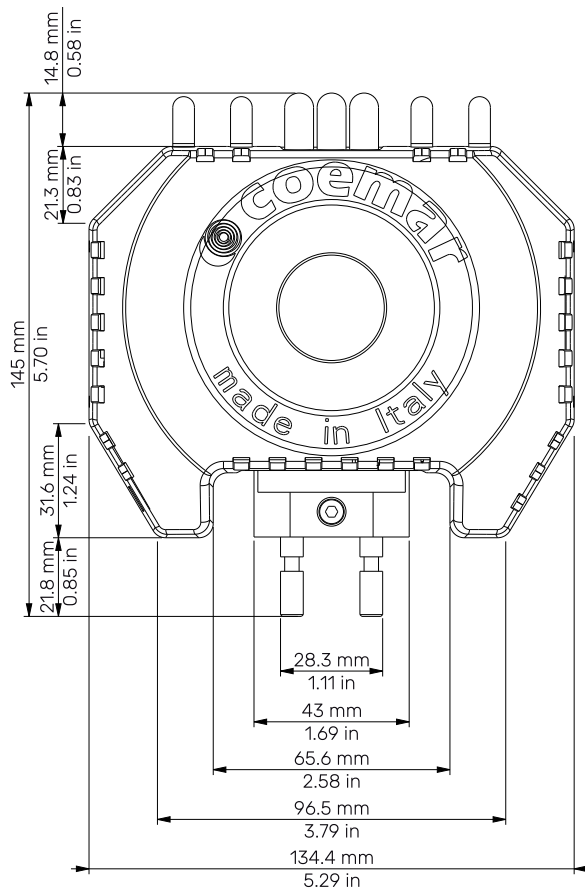- Weight: 0.8 Kg (1.7 lbs)

ELECTRICAL SPECIFICATIONS AND CONNECTIONS

- Power supply: 100-240 Vac, 50-60 Hz
- Max power consumption: 160 W
- Power consumption: 0.8 A at 230 V, 1.7 A at 110 V, Cosφ > 0.9
- Two dip-switches mounted on board: one allows the reset of the fixture and the other the reduction of the fan speed.
- Pin connectors: G22 - GX9.5 - GY16

ACCESSORIES

- G38 adaptor

14.8 mm
0.58 in

21.3 mm
0.83 in

145 mm
5.70 in

31.6 mm
1.24 in

21.8 mm
0.85 in

28.3 mm
1.11 in

43 mm
1.69 in

65.6 mm
2.58 in

96.5 mm
3.79 in

134.4 mm
5.29 in

99.8 mm
3.92 in

55 mm
2.16 in

96 mm
3.77 in

50.1 mm
1.97 in

6.3 mm
0.24 in

31.75 mm
1.25 in

49.9 mm
1.96 in

G22 pin connectors