

# Christie Entero™ RPMSP-LED01

SXGA+ 1-chip DLP® Rear screen projection module – part # 125-002103-01



## Display technology and resolution

- 1 chip DLP®
- True SXGA+ (1400 x 1050) resolution

## Illumination technology

- LED (RGB)

## LED lifetime\*

- 60,000hrs (minimum expected useful life)

## Brightness\*\*

- 600 ANSI lumens
- 50" SXGA+ cube with wide angle cross prism screen: 470 cd/m2
- 67" SXGA+ cube with wide angle cross prism screen: 260 cd/m2

## Brightness Uniformity

- Up to 100% with uniformity control

## Contrast Ratio

- 1400:1 full field (minimum); up to 450:1 ANSI

## Color gamut

- 100% EBU (adjustable beyond 100% EBU)

## Projection lens

- Low distortion short throw fixed lens with field curvature correction (0.69:1 throw for SXGA+)

## Lens offset

- Zero

## Screen size/range

- 40" to 100" Diagonal (standard short throw fixed lens version)

## Power requirements

- 100 VAC to 240 VAC ±10% @ 50/60Hz
- Consumption: 370W
- Dissipation: 1263 BTU/hr

## Horizontal/Vertical Frequency

- Horizontal - 15 kHz to 120 kHz
- Vertical - 23.97 Hz to 150 Hz

## Effective color sequencing speed

- SXGA+: 8X

## Standard inputs

- Digital DVI-I with analog VGA

## Input compatibility range

- Compatible with Christie TVC series display wall controllers or other input sources of VGA through to QXGA as well as standard HD formats

## Control/networking

- 2 RS-232 ports and 1 RS-422 port
- Field upgradable software via RS-232 network or Ethernet
- On-board ChristieNET™ connectivity (RJ45)
- Intuitive, easy-to-use graphical user interface
- IR remote control
- GPIO port

**Reliability**

- >50,000 MTBF for all major modules

**Serviceability**

- Modular design; MTTR: < 15min

**Environmental**

Projectors and cube enclosures:

- Operating temperature: 5°-35°C (40°-95°F)
- Non-operating temperature: -20°-50°C (-4°-122°F)
- Humidity: 20-80% non-condensing
- Altitude: 0-3000m (0-10,000ft)

**Weight**

- 46.3 lb (21 kg)
- Shipping weight: 66 lb (30 kg)

**Shipping dimensions**

- 630mm (l) x 530mm (w) x 590mm (h)
- 24.8" (l) x 20.8" (w) x 23.2" (h)

**Regulatory Approvals**

- IEC60950-1:2001; UL60950-1 first edition
- CAN/CSA C22.2 No.60950-1-03 first edition
- EMC – emissions: FCC part 15 and EN55022 (CISPR22)
- Class A EMC – immunity: EN55024 CE, RoHS, WEEE
- CCC, eK, PSE
- This product conforms to all relevant European directives, safety, health and environmental concerns

**Warranty**

- 2 years parts and labor
- Contact an authorized Christie representative for full details of our limited warranty

\* LED lifetime is based on expected useful life (50% of original brightness).

\*\* Brightness specifications are at reduced color space settings.