

Specifications

Physical

- Length 330 mm (13.0 in)
- Width 384 mm (15.1 in)
- Maximum height (full tilt) 525 mm (20.7 in)
- Weight, *MAC 250* 21 kg (46.2 lbs)
- Weight, *MAC 250⁺* 22 kg (48.4 lbs)

Lamps

- Philips MSD 250/2 2000 hr, 6500K, 250 W, 72 lm/W
- Osram HSD 250 2000 hr, 6000K, 250 W, 68 lm/W

Performance

- Light output, *MAC 250* (17.5° configuration, diffuser installed) 3180 lumens
- Light output, *MAC 250⁺* (diffuser installed) 3180 lumens

Gobos

- Outside diameter 22.5 mm + 0/- 0.3 mm (0.886 in. +0/- 0.012 in)
- Maximum image diameter 17 mm (0.669 in)
- Maximum thickness 1.8 mm (0.071 in)
- Glass type high temperature Borofloat or better
- Glass coating dichroic or enhanced aluminum
- Metal aluminum (steel okay for short use)

Thermal

- Maximum ambient temperature (T_a) 40° C (104° F)
- Maximum surface temperature 110° C (230° F)

Control and programming

- Data pinout pin 1 shield, pin 2 cold (-), pin 3 hot (+)
- Receiver Opto-isolated RS-485
- Protocols USITT DMX-512 (1990), Martin RS-485
- DMX Channels 9 - 13

Connections

- AC input 3-prong IEC male socket
- Data input locking 3-pin XLR male socket
- Data output locking 3-pin XLR female socket

Fuses

- Fuse 01 (primary) 6.3 A / 250 V time-delay
- Fuse F601 5.0 A / 250 V time-delay
- Fuse F602 4.0 A / 250 V time-delay
- Fuse F603 0.315 A / 250 V time-delay

Design standards

- Canadian safety CSA C22.2 NO 166
- EU EMC EN 50 081-1, EN 50 082-1
- EU safety EN 60598-1, EN 60598-2-17
- US safety ANSI/UL 1573

Installation

- Orientation any
- Minimum distance to combustible materials 0.3 m (12 in)
- Minimum distance to illuminated surfaces 0.3 m (12 in)

Accessories

- Flight case, 4 x *MAC 250* 91510005
- Flight case, 2 x *MAC 250* 91510004
- MPBB1 Uploader 90758410
- G-clamp 91602003
- Half-coupler clamp 91602005