

Specifications - Imager

Physical

Length	726 mm (28.6 in.)
Width	242 mm (9.5 in.)
Weight (Imager DMX Gobo Wheel)	9.9 kg (21.8 lbs)
Weight (Imager DMX Gobo)	9.7 kg (21.4 lbs)

Installation

Mounting device	Imager J-Box
Orientation	Ceiling mount

Minimum distance to combustible materials	1 m (39 in)
Minimum distance to illuminated surfaces	0.5 m (20 in)

Construction

Imager housing	Aluminum and plastic
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Thermal

Maximum ambient temperature (Ta)	40° C (104° F)
Maximum surface temperature, steady state, Ta=40° C	100° C (212° F)

Source

Lamp	250 W discharge
Approved models	Philips MSD 250
	Philips MSD 250/2
	Osram HSD 250/78
	Osram HSD 250/60

Power supply

Power source	Imager Base via Imager J-Box
PCB fuses	3.15 AT, 2 AT

Dynamic effects

- Dimmer
- Gobo rotation, continuous or to indexed position
- Pan and tilt (with optional moving-mirror)
- Focus

Gobos

Size D
..... Outside diameter 53.3 mm 2.10 in.)
..... Maximum image diameter 40 mm (1.57 in.)
Maximum thickness 2 mm
Material metal or glass

Photometrics

Standard beam angle 23° , focal length = 100 mm (3.9 in.)
Optional beam angle 15° lens, focal length = 150 mm (5.9 in.)
Optional beam angle 32° lens, focal length = 70 mm (2.75 in.)
Size of a projected image using a gobo of a given size:

$$\text{projected image size} = \frac{\text{gobo image size} \times \text{projected distance}}{\text{focal length}}$$

Gobo image size required to achieve a projected image size:

$$\text{gobo image size} = \frac{\text{projected size} \times \text{focal length}}{\text{projected distance}}$$

Control & Programming

Control options DMX-512, stand-alone, synchronous operation
Receiver RS-485
Setting and addressing 3-digit LCD control panel
Firmware update Serial upload (.MU3)
Data input RJ-45
Data output RJ-45
DMX channels 9 or 12

Ordering information

Imager, Base *contact your dealer*
Imager DMX Gobo Wheel P/N 90540000
Imager DMX Gobo P/N 90540100
Imager DMX Effect (*confirm availability with your dealer*) P/N 90540200
Imager SA-Gobo (*confirm availability with your dealer*) P/N 90540300
Imager SA-Effect (*confirm availability with your dealer*) P/N 90540400
Imager J-box P/N 91611073
Moving-mirror for Imager P/N 91611069

Included items

User manual
Phillips MSD 250/2
Beacon gobo

Accessories

Martin infrared remote control transmitter	P/N 90760010
Martin infrared remote control receiver	P/N 91611047
MP-2 uploader:	P/N 90758420
MC-X Controller, 220-245V/50Hz	P/N 90718200
MC-X Controller, 110-120V/60Hz	P/N 90718300
15 degree lens	P/N 91611074
32 degree lens	P/N 91611075
Slide projection kit	P/N 91611076
Remote control upgrade kit	P/N 91614008
DMX-RJ45 converter	<i>contact your dealer</i>
RJ45-DMX converter	<i>contact your dealer</i>
RJ45 network terminator	<i>contact your dealer</i>
Air filters	P/N 91611079
Color temperature correction filter 5500-3400K.	P/N 46402019
Blue 101 color filter	P/N 46402001
Blue 104 color filter	P/N 46402017
Blue 107 color filter	P/N 46402014
Blue 108 color filter	P/N 46402015
Blue 111 color filter	P/N 46402013
1/2 Minus Green color filter	P/N 46402024
Green 201 color filter	P/N 46402022
Green 204 color filter	P/N 46402005
Green 205 color filter	P/N 46402003
Green 206 color filter	P/N 46402007
Yellow 603 color filter	P/N 46402004
Orange 302 color filter	P/N 46402010
Orange 306M color filter.	P/N 46402009
Red 304 color filter	P/N 46402002
Red 308 color filter	P/N 46402011
Magenta 507 color filter	P/N 46402012
Pink 312 color filter	P/N 46402006
Purple 502 color filter	P/N 46402018

The number next to each color filter is an OCLI (Optical Coating Laboratory, Inc.) reference number.