

MECHANICAL SPECIFICATIONS

FIXTURE

Dimensions:

mm: 594 x 690 x 950

in: 23.4 x 24.8 x 38.4

Weight: 63.5 kg (140 lbs)

Mounting Information: The DL.3F fixture can be truss mounted using 1/4 camlock c-clamps or style pole mounting brackets. It can also stand upright on a stable surface.

Colors Available: Black:

ELECTRICAL/LAMP SPECIFICATIONS

Input ratings: 100–120V 7.0A maximum 50/60Hz,
200–240V 3.5A 50/60Hz

Power factor: 0.94

Fuse: Power supply output fuse: 5A, 250V slow blow only.

Lamp: 330W NSH

Light Output: 6500 ANSI lumens

Rated Lamp Life: 2000 hours

COMPUTER

Processor: Intel Core2 Quad Q9550

Memory: 2 GB DDR2 RAM

Hard drive: 500 GB Seagate SATA

Video Card: ATI Radeon HD4850

Operating System: Windows XP embedded

PROJECTOR

Model: Christie Digital LX 650

Aspect ratio: 4:3 native

Brightness uniformity: 90%

Contrast ratio: 2000:1 full on/full off

Vertical Lens Shift: 107%

OPERATION

Pan: 400° **Tilt:** 240°

Movement Accuracy: Pan and Tilt from the same direction to the programmed point within approximately .01°.

Control Options: DMX512, Art-Net

Minimum Focus Distance: 1.4 meters (4.6 ft)

Compliances: CE, CSA, ETL

Video Connectors: RGBHV—BNC x 5, VGA—DB15

PART NUMBERS

Fixture

68010002: DL3F fixture, Black

55030085EF: Replacement Lamp

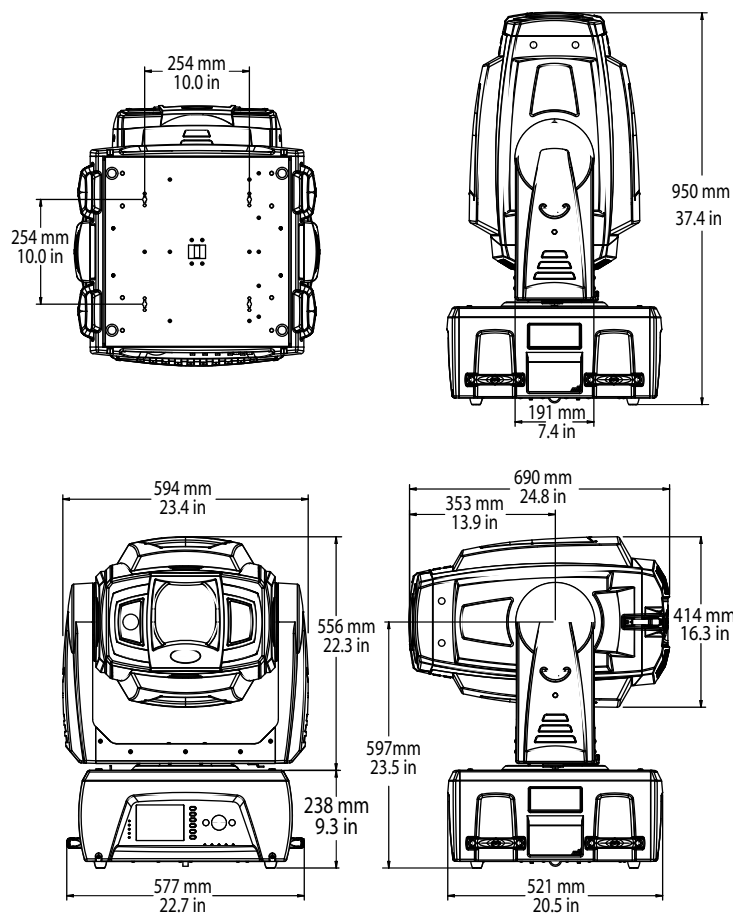
67070003: Optional Roadcase

Accessories

67060002: Long Zoom Lens kit

67060001: Ultra Long Zoom Lens kit

68060003: Wide Angle Zoom Lens kit



Display technology: 1.3" LCD w/MLA, 3 panels

Panel resolution: 1024 x 768

Standard Zoom Lens Throw Ratio: 1.8 - 2.4:1

Accessory Long Zoom Lens Throw Ratio: 2.4-4.3:1

Accessory Ultra Long Zoom Lens Throw Ratio: 4.3-6.0:1

Peripheral/Network Connectors: 2 USB ports, Gigabit Ethernet

DMX Connectors: 5-pin male and female XLR connectors

Scanning Frequency: H-sync. = 15 – 100 KHz, V-sync. = 50 – 100 Hz

Horizontal Resolution: 800 TV lines (HDTV)

Environmental Tolerances:

Ambient Operating Temperature Range: 5°–40°C (40°–104° F)

Humidity: 20%–80% (non-condensing)

Altitude: 0–8850 ft (0–2700m)

DMX Channels

| Fixture Control | | Global Control | | Object Control | | | |
|-----------------|-----------------------|----------------|-----------------------------|-----------------|-----------------|-----------------|---------------------------------|
| Channel Offset | Description | Channel Offset | Description | Object 1 Offset | Object 2 Offset | Object 3 Offset | Description |
| Motion | | 22 | Intensity | 57 | 95 | 133 | Opacity |
| 1 | Pan coarse | 23 | Effect 1 Mode | 58 | 96 | 134 | Object |
| 2 | Pan fine | 24 | Effect 1 Modifier 1 (red) | 59 | 97 | 135 | Media Folder |
| 3 | Tilt coarse | 25 | Effect 1 Modifier 2 (green) | 60 | 98 | 136 | Media File |
| 4 | Tilt fine | 26 | Effect 1 Modifier 3 (blue) | 61 | 99 | 137 | In Frame coarse |
| 5 | Dimmer | 27 | Effect 2 Mode | 62 | 100 | 138 | In Frame fine |
| 6 | Focus | 28 | Effect 2 Modifier 1 (red) | 63 | 101 | 139 | Out Frame coarse |
| 7 | Zoom | 29 | Effect 2 Modifier 2 (green) | 64 | 102 | 140 | Out Frame fine |
| 8 | Mspeed | 30 | Effect 2 Modifier 3 (blue) | 65 | 103 | 141 | Play mode |
| 9 | Macro | 31 | Mask Select (default iris) | 66 | 104 | 142 | Play speed |
| 10 | Control /Input Select | 32 | Mask Size (100% = open) | 67 | 105 | 143 | Sync type |
| 11 | Reserved | 33 | Mask Edge Fade | 68 | 106 | 144 | Sync to |
| 12 | | 34 | Image Edge Fade Top | 69 | 107 | 145 | Visual mode |
| 13 | | 35 | Image Edge Fade Right | 70 | 108 | 146 | Visual Modifier 1 (black level) |
| 14 | | 36 | Image Edge Fade Bottom | 71 | 109 | 147 | Visual Modifier 2 (contrast) |
| 15 | | 37 | Image Edge Fade Left | 72 | 110 | 148 | Effect 1 Mode |
| 16 | | 38 | Keystone Top Left X | 73 | 111 | 149 | Effect 1 Modifier 1 (red) |
| 17 | | 39 | Keystone Top Left Y | 74 | 112 | 150 | Effect 1 Modifier 2 (green) |
| 18 | | 40 | Keystone Top Right X | 75 | 113 | 151 | Effect 1 Modifier 3 (blue) |
| 19 | | 41 | Keystone Top Right Y | 76 | 114 | 152 | Effect 2 Mode |
| 20 | | 42 | Keystone Bottom Right X | 77 | 115 | 153 | Effect 2 Modifier 1 (red) |
| 21 | | 43 | Keystone Bottom Right Y | 78 | 116 | 154 | Effect 2 Modifier 2 (green) |
| | | 44 | Keystone Bottom Left X | 79 | 117 | 155 | Effect 2 Modifier 3 (blue) |
| | | 45 | Keystone Bottom Left Y | 80 | 118 | 156 | Rotation X coarse |
| | | 46 | Keystone X Ratio | 81 | 119 | 157 | Rotation X fine |
| | | 47 | Keystone Y Ratio | 82 | 120 | 158 | Rotation Ycoarse |
| | | 48 | Viewpoint mode | 83 | 121 | 159 | Rotation Y fine |
| | | 49 | Viewpoint X Position coarse | 84 | 122 | 160 | Rotation Z coarse |
| | | 50 | Viewpoint X Position fine | 85 | 123 | 161 | Rotation Z fine |
| | | 51 | Viewpoint Y Position coarse | 86 | 124 | 162 | X Scale |
| | | 52 | Viewpoint Y Position fine | 87 | 125 | 163 | Y Scale |
| | | 53 | Viewpoint Z (Zoom) coarse | 88 | 126 | 164 | Z Scale |
| | | 54 | Viewpoint Z (Zoom) fine | 89 | 127 | 165 | X Position coarse |
| | | 55 | Global Control | 90 | 128 | 166 | X Position fine |
| | | 56 | Global Control Modifier | 91 | 129 | 167 | Y Position coarse |
| | | | | 92 | 130 | 168 | Y Position fine |
| | | | | 93 | 131 | 169 | Z Position coarse |
| | | | | 94 | 132 | 170 | Z Position fine |

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