

## MECHANICAL SPECIFICATIONS

### FIXTURE

#### Dimensions:

mm: 861 x 595 x 343  
in: 33.9 x 23.4 x 13.5

**Weight:** 39 kg (85 lb)

### PACKED IN ROADCASE FOR SHIPPING

#### Dimensions

mm: 940 x 737 x 641  
in: 37 x 29 x 27.25

**Weight:** 78 kg (170 lb)

**Mounting Information:** Catalyst DL1 fixture can be truss mounted using 1/4 cam-lock 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 6.8A maximum 50/60Hz,  
200–240V 3.4A 50/60Hz

**Power factor:** 0.94

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

**Lamp:** 300W NSH

**Light Output:** 5500 ANSI lumens

**Rated Lamp Life:** 1500 hours

## PROJECTOR

**Aspect ratio:** 4:3 native

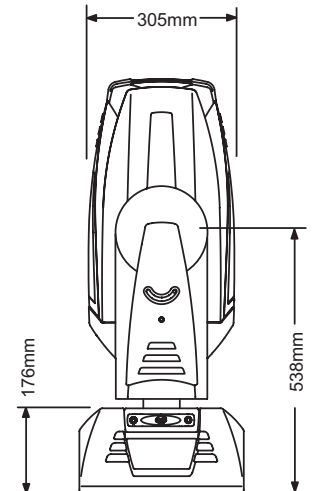
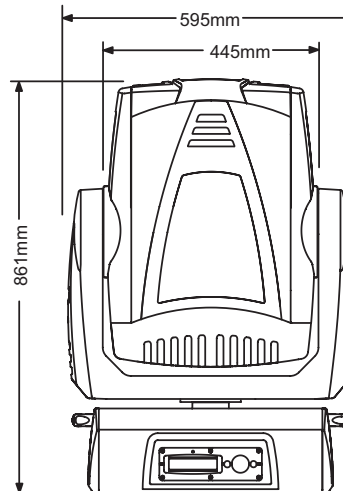
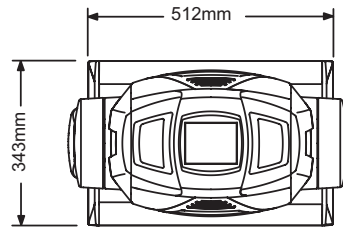
**Brightness uniformity:** 90%

**Contrast ratio:** 1200:1, full on/full off

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

**Panel resolution:** 1024 x 768 dots

**Zoom Lens Throw Ratio:** 1.8 - 2.4:1



## OPERATION

**Pan:** 400°

**Tilt:** 270°

**Control Options:** Fixture Talkback, RSB

**Projection Lens:** F1.7 – 2.0 lens with  $f = 48.2 \text{ mm} - 62.2 \text{ mm}$  with DMX control of zoom and focus.

**Throw Ratio:** 1.8-2.4:1

**Minimum Focus Distance:** 1.4 meters (4.6 ft)

**Compliances:** CE, CSA, ETL

**Video Connectors:** SVideo MINI DIN, RGBHV BNC, VGA HDB15 (all switchable via DMX)

**DMX Connectors:** 5-pin male and female XLR connectors

**LCD Panel System:** 1.3 in TFT Active Matrix type, 3 panels.

**Panel Resolution:** 1024 x 768 dots

**Color System:** PAL, SECAM, NTSC, NTSC4.43, PAL-M AND PAL-N

**High Definition TV Signal:** 480i, 480p, 575i, 575p, 720p, 1035i and 1080i

**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°C (41°F) – 35°C (95°F)

Storage Temperature Range: -10°C (14°F) - 60°C (140°F)

**Software Upgrades:** Operating software may be downloaded from the High End Systems web site ([www.highend.com](http://www.highend.com))

## PART NUMBERS

#### Fixture

60010001: DL1 fixture, Black



**DMX CHANNELS**

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<u>Channel</u>	<u>Function</u>
1	Pan Course
2	Pan Fine
3	Tilt Course
4	Tilt Fine
5	Iris/Shutter
6	Focus
7	Zoom
8	MSpeed
9	Macro
10	Control
11	Input Source Select