DARTZ 36⊙

ELATION PROFESSIONAL®

The DARTZ 360™ is a unique, compact, narrow beam luminaire featuring a new patent pending single source 50W RGB LED engine producing an impressive 3° aperture, amazing high output level, and smooth color-mixed effects that can be used in a variety of applications requiring no minimum safe project distance as with typical discharge lamp beam fixtures, fast and precise 16-bit continuous 360° pan and tilt rotation, 14 static-stamped metal gobos, 6-facet linear and 8-facet independent rotating prisms, 0-100% linear frost filter for wash effects, high speed electronic shutter and strobe, electronic dimming and variable dimming curve modes, adjustable LED refresh rate and gamma brightness for flicker free operation for TV and FILM, DMX, RDM (Remote Device Management), Kling-Net, Art-NET, and sACN protocol support, Elation's E-FLY™ internal wireless DMX transceiver, 5pin XLR, RJ45 ethernet, and Locking Power Cable in/out connections, full color 180° reversible menu display with multi-button control panel, battery backup for display power, and a multi-voltage universal auto switching power supply (100-240v).

FEATURES

Compact Precise 360° Pan/Tilt Moving Beam Luminaire

Patent Pending Single Source 50W RGB LED Engine

No Minumum Safe Project Distance Like Discharge Fixtures

3° Sharp Aperture with Motorized Focus

Fast and Precise 16-Bit Continuous 360° Pan/Tilt Rotation

14 Static-Stamped Metal Gobos

6 Linear and 8 Facet Independent Rotating Prisms

0-100% Linear Frost Filter for Wash Effects

High Speed Electronic Shutter and Strobe

Electronic Dimming and Variable Dimming Curve Modes

DMX, RDM, Kling-Net, Art-NET, and sACN Protocol Support

Elation's E-FLY™ Internal Wireless DMX Transceiver

Adjustable Refresh Rate Frequency and Gamma Brightness

Flicker Free Operation for TV and FILM

ELATION | DARTZ 360™ | Product Specification Sheet

PRODUCT SPECIFICATIONS

SOURCE
50W RGB LED Engine
50,000 Hour Average LED Life*

*LED Life may vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control and Dimming.

PHOTOMETRIC DATA
29,562 LUX 2,746 FC @16.4' (5m) (3° Full ON)

EFFECTS
Motorized Focus
6 and 8 Facet Independent Rotating Prisms
0-100% Linear Frost Filter for Wash Effects
High Speed Electronic Shutter and Strobe
16-Bit Variable Dimming Curve Modes
Adjustable LED Refresh Rate and Gamma Brightness

COLOR
RGB Smooth Color Mixing

GOBOS
14 Static-Stamped Metal Gobos

CONTROL / CONNECTIONS
(3) DMX Channel Modes (19 / 22 / 25)
360° Continuous Pan and Tilt 8 / 16 Bit Movement
Adjustable Refresh Rate (900-25,000 (Hz)
Adjustable Gamma Brightness (2.0, 2.2, 2.4, 2.8)
6 Button Menu Control Panel
Full Color 180° Reversible LCD Menu Display
DMX, RDM, Kling-net, Art-NET and sACN Protocol Support
Elation E-FLY™ Internal Wireless DMX Transceiver
5pin DMX, RJ45 Ethernet In/Out
Locking Power Cable In/Out

SIZE / WEIGHT
Length: 11.2" (284.15mm)
Width: 7.7" (195.97mm)
Vertical Height: 17.9" (454.7mm)
Weight: 28.0 lbs. (12.7 kg)

ELECTRICAL / THERMAL
AC 100-240V - 50/60Hz
154W Max Power Consumption
14°F to 113°F (-10°C to 45°C)
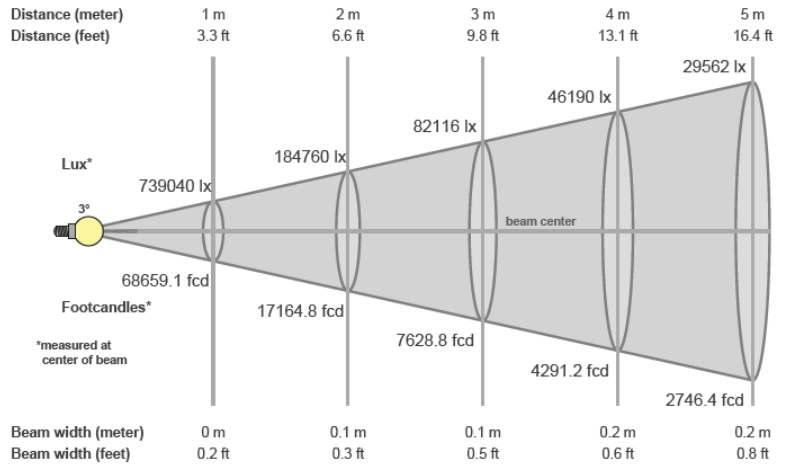BTU/hr (+/- 10%) 525.14

APPROVALS / RATINGS

CE   IP20   ETL
c   us
Intertek
4010765

ORDERING INFORMATION

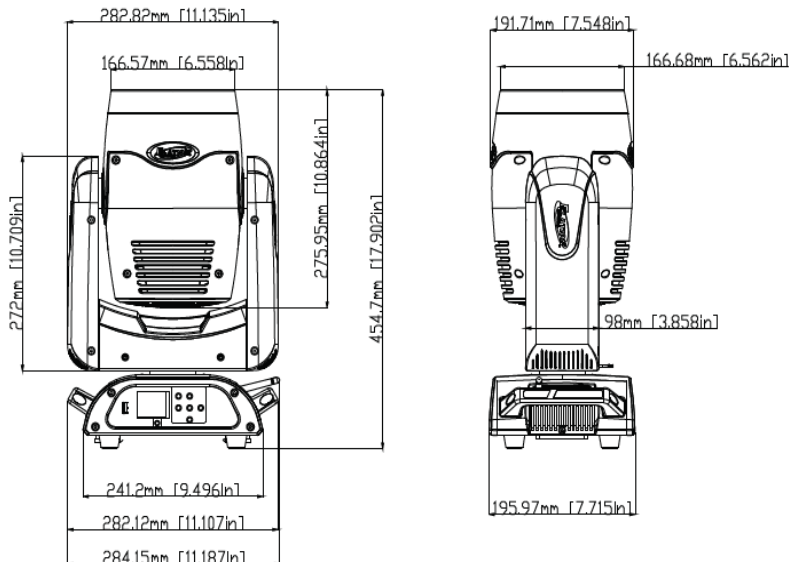|	
DAR880	DARTZ 360™
QUIK RIG CLAMP	Heavy Duty Low Profile Hook Style Clamp
DRCDARTZ360	6-Pack Road Case For DARTZ 360
EFL001	E-FLY™ Wireless DMX Transceiver
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
CAT6PRO5	5 ft. (1.5m) CAT6 Ethernet Cable
NEU088	3 ft. (1m) Locking Power Link Cable
	Additional cable lengths available

PHOTOMETRIC DATA

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

Lux*

3°

739040 lx   184760 lx   82116 lx   46190 lx   29562 lx

beam center

68659.1 fcd   17164.8 fcd   7628.8 fcd   4291.2 fcd   2746.4 fcd

Footcandles*

*measured at center of beam

Beam width (meter)	0 m	0.1 m	0.1 m	0.2 m	0.2 m
Beam width (feet)	0.2 ft	0.3 ft	0.5 ft	0.6 ft	0.8 ft

GOBOS

STATIC-STAMPED GOBO WHEEL

1 2 3 4 5 6 7 8 9 10 11 12 13 14

DIMENSIONAL DIAGRAMS

282.82mm [11.135in]
166.57mm [6.558in]
275.95mm [10.864in]
272mm [10.709in]
454.7mm [17.902in]
241.2mm [9.496in]
282.12mm [11.107in]
284.15mm [11.187in]

191.71mm [7.548in]
166.68mm [6.562in]
98mm [3.858in]
195.97mm [7.715in]

Specifications are subject to change without notice ©Elation Professional 03/26/18

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