

Design Wash 1400E Dimensions

The Design Wash 1400E by Elation Professional is a 1400W CMY wash moving head fixture featuring the CMY color mixing system based on graduated cyan, magenta and yellow color filters. This unit is equipped with 2 color wheels: color wheel 1 contains 4 interchangeable dichroic filters plus open and color wheel 2 contains 2 interchangeable dichroic color filters, CTB, UV plus open. CMY and CTO color mixing is available for infinite color possibilities. The Design Wash 1400E also features motorized zoom, dual flag mechanical dimming system, electronic lamp strobe with a variable speed strobe effect of 1-13 flashes per second, beam shaper and frost filter. The Design Wash 1400E's DMX adjustable motorized zoom can produce a maximum beam angle of 40° and a minimum beam angle of 10°. The Design Wash 1400E is fan cooled and uses Philips MSR-1200 GOLD SE/2 discharge lamp providing up to 1,000 hours estimated lamp life. This unit is rated IP 20 and is designed for indoor use only. 3 pin data cable is included and control data input is via 3 pin or 5 pin DMX data first in and out connections. The Design Wash 1400E can operate from 208~240V AC, 50/60hz. Rigging for this unit includes 2 x 1/4 turn Omega clamps, safety cable and single unit road case.

FEATURES

- 1400W CMY moving head wash
- CMY - color mixing system
- Variable CTO color correction
- 2 Color wheels each include 4 dichroic filters + open
- CTB & UV filters
- 10° to 40° beam angle
- Motorized zoom
- Dual flag mechanical dimming system
- Variable speed strobe effect (1-13 fps)
- Beam shaper / prism
- Frost filter
- Electronic lamp strobe
- Pan movement 630° / 540°
- Maximum tilt movement 265°
- Motor feedback
- DMX control via 17 channels
- Wireless DMX receiver built into unit
- Full color LCD display
- Multi-voltage power supply

TECHNICAL SPECIFICATIONS

- **DMX Channels:** 17 DMX channels, built-in wireless DMX receiver
- **Control:** 3-pin and 5-Pin XLR serial input/output
- **Dimmer:** Dual Flag mechanical dimming system
- **Strobe:** Variable speed strobe effect (1-13 fps)
- **IP Rating:** IP 20
- **Power Supply:** Electronic Ballast - 208V-220V-230V-240V / 50Hz / 60Hz
- **Power Consumption:** 1500W
- **Fuse:** 250V 20 Amp
- **Lamp:** Philips "Fast Fit" MSR1200 Gold SE/2 (discharge)
- **Lamp life:** 1400W, 6000°K, 1000 HRS
- **Approvals:** CE
- **Dimensions:** (LxWxH): 24.8" x 21.1" x 22.6" / 629.92 x 535.94 x 574.04mm
- **Weight:** 110 lbs. / 50 kgs.
- **Rigging:** 2 x 1/4 turn Omega clamps
 - 1 x safety cable
 - 1 x 3-pin data cable
 - 1 x single unit road case included

Design Wash 1400E



COLORS

- CMY - COLOR MIXING SYSTEM
- The CMY color mixing system is based on graduated cyan, magenta, and yellow color filters.
- Color-wheel 1: 4 interchangeable dichroic glass colored filters plus "open"
- Color-wheel 2: 2 interchangeable dichroic glass colored filters plus UV, CTB, & "open"
- CTO, CTB & UV filters

COLOR WHEEL 1



COLOR WHEEL 2

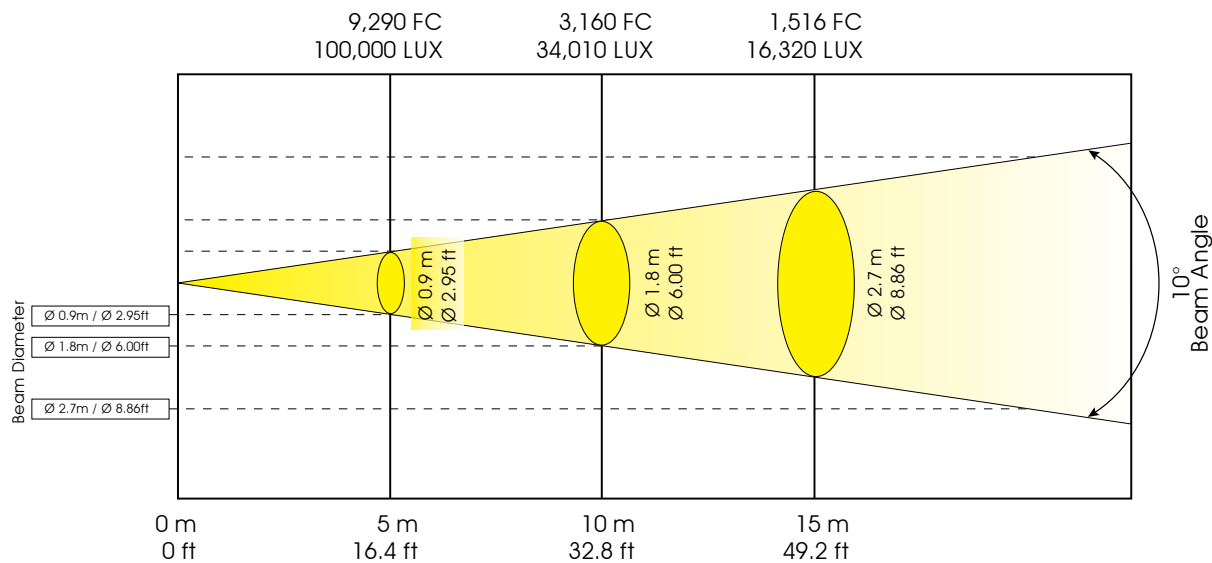


PHOTOMETRICS

Design Wash 1400E Photometric Beam Angle Data

10° Beam Angle

$$\text{LUX} \times 0.0929 = \text{FC}$$



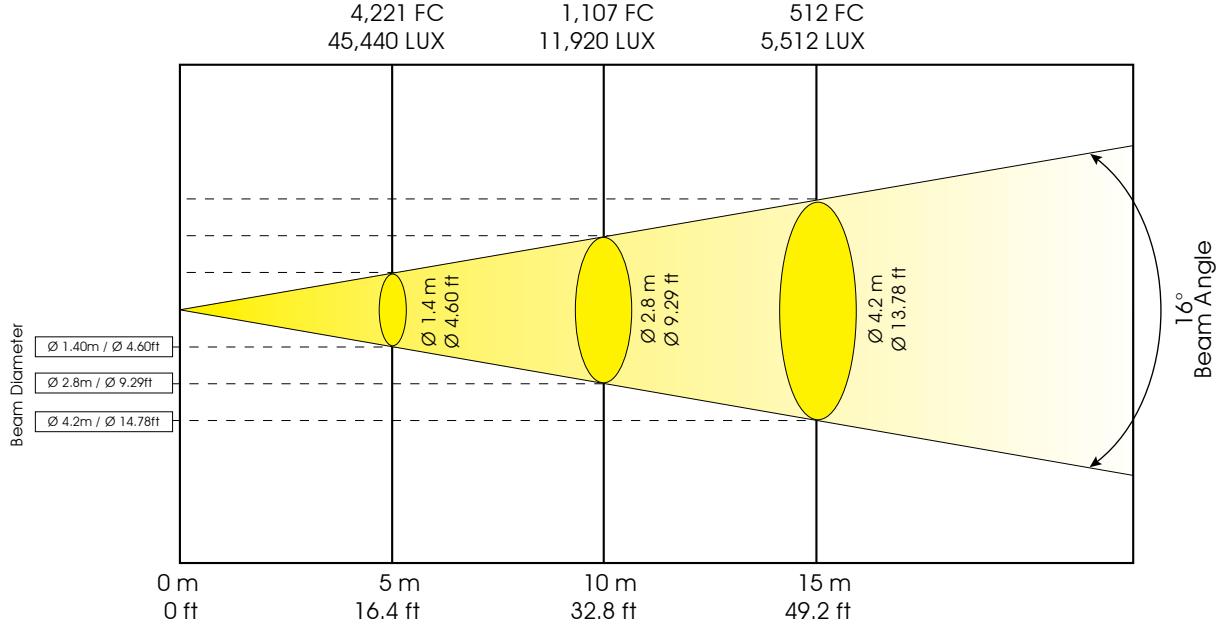
Design Wash 1400E

PHOTOMETRICS

Design Wash 1400E Photometric Beam Angle Data

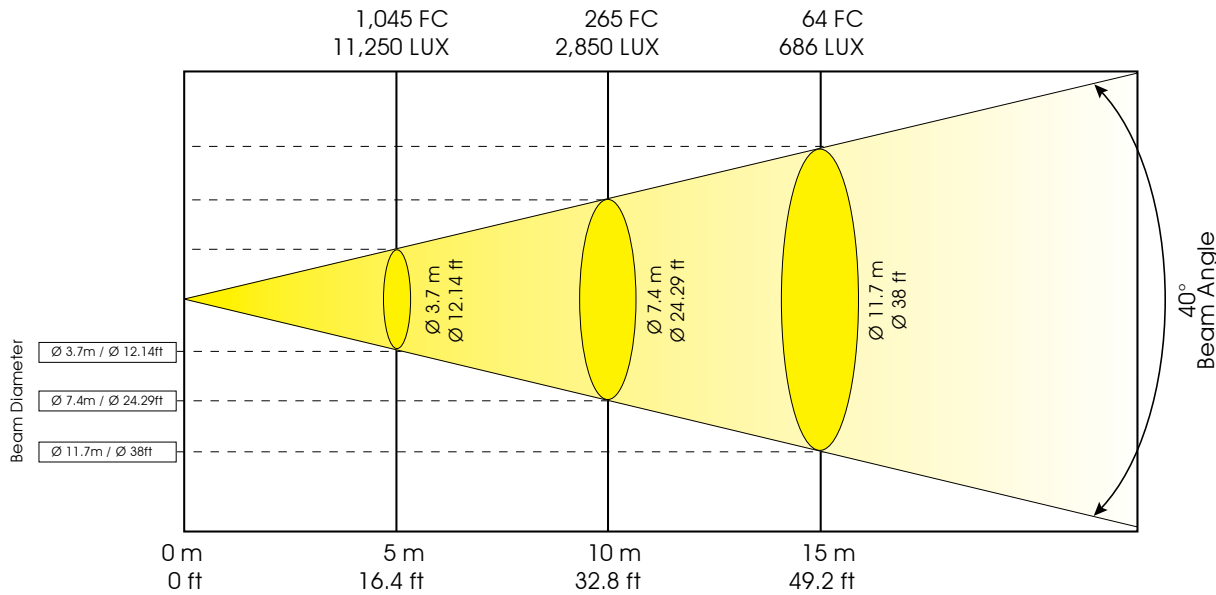
16° Beam Angle

LUX x 0.0929 = FC



40° Beam Angle

LUX x 0.0929 = FC



Design Wash 1400E



DMX TRAITS

Channel	Value	Function
1	0 - 255	Pan Movement (max. 630° or 540° User Selectable)
2	0 - 255	16bit Pan Movement (pan fine)
3	0 - 255	Tilt Movement (max. 265°)
4	0 - 255	16bit Tilt Movement (tilt fine)
5	0 - 255	Color Wheel 1
6	0 - 255	Color Wheel 2
7	0 - 255	Cyan Filter
8	0 - 255	Magenta Filter
9	0 - 255	Yellow Filter
10	0 - 255	Variable CTO filter
11	0 - 255	Variable Zoom
12	0 - 255	Strobe (0-13Hz), Shutter close/open function + random strobe
13	0 - 255	Dimmer (Intensity) Control
14	0 - 255	CMY Speed
15	0 - 127	Color Macros (CMY and Color Wheels)
16	0 - 255	Movement speed (Pan/Tilt movement, blackout selection)
17	0 - 255	Special (program control + lamp on, motor reset, lamp switch off)



ADVANCED
CMY+CTO
COLOR MIX SYSTEM

%	1 Pan	2 Pan High Resolution	3 Tilt	4 Tilt High Resolution	5 Color	6 Color	7 C	8 M	9 Y	10 CTO	11 Stepless Zoom	12 Strobe	13 Dimming	14 Speed of CMY and dimmer	15 Color macros	16 Scan speed	17 Auto Program
100%																	
75%		16 bit pan move		16 bit tilt move													
50%																	
25%																	
0%																	

Product Order Code	Description
Design Wash 1400E	1400W CMY wash moving head
Accessories Order Code	Description
Road Case	Single unit road case included