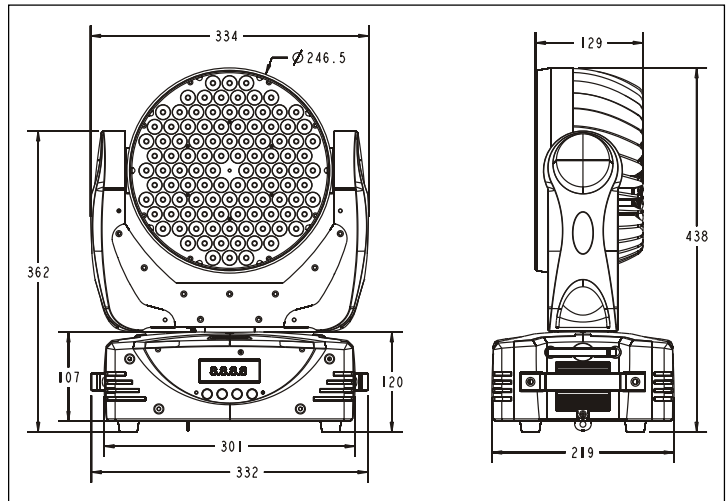# Design Wash LED Pro

ELATION PROFESSIONAL

EWDMX
ELATION WIRELESS DMX

RGBW

Design Wash LED Pro Dimensions

The Design Wash LED Pro by Elation Professional is a high output LED color changer equipped with 108 3W Rebel LEDs, 52 red, 22 green, 22 blue and 12 white featuring brilliant light output and infinite color possibilities. A standard beam angle of 39.5° is produced with the standard 25° lens (8,850 LUX / 822 FC @ 3M @ full) and 25° beam angle without the light frost filter. Optional 15° and 45° lens kits are available. The DLED 36 also features built-in EWDMX receiver for wireless DMX. The design of the fixture is optimized providing up to 50,000 hours estimated LED life and is equipped with a 98~240v multi-voltage internal power supply. The Design Wash LED Pro is fan cooled and rated IP 20, ideal for indoor applications. DMX control is via 13 DMX channels and control data input is via 3-pin or 5-pin DMX in/out XLR connections and rigging includes a single omega bracket.

FEATURES

- 108 x 3W Rebel LED's
- 52 Red ,22 Green, 22 Blue + 12 White
- Built-in color, strobe & dimming macros
- 25° Lens = 39.5° Beam Angle Effect
- 8,850 Lux @ 3M @ Full
- 3 Phase motors for Faster Pan / Tilt
- 630° or 540° Pan x 265° Tilt
- Fan Cooled - Fans regulated by auto or DMX
- Built in EWDMX Receiver for Wireless DMX
- Digital LCD Display
- Battery power on/off for LCD displa

TECHNICAL SPECIFICATIONS

- **DMX Channels:** 13 DMX Channels
- **Control:** 3 pin or 5pin DMX in/out
- **Dimmer:** Built-in dimming macros
- **Strobe:** Built-in color and strobe macros
- **IP Rating:** IP 20
- **Power Supply:** 98-240v Multi-voltage internal power supply
- **Power Consumption:** 360 Watts at full power – 3A
- **DB rating:** @ 1M = 59.6db
- **Lamp:** 108 x 3W Rebel LED's 52 Red ,22 Green, 22 Blue + 12 White
- **Lamp Life:** 50,000 hour rated LED source
- **Dimensions:** (LxWxH) 17.2" x 13" x 8.6" / 436.88 x 330.2 x 218.44mm
- **Weight:** 20.6 lbs / 9.3 kg
- **Rigging:** Rigging by single omega bracket

Design Wash LED Pro

COLORS

- 108 x 3W Rebel LED's
- 52 Red ,22 Green, 22 Blue + 12 White
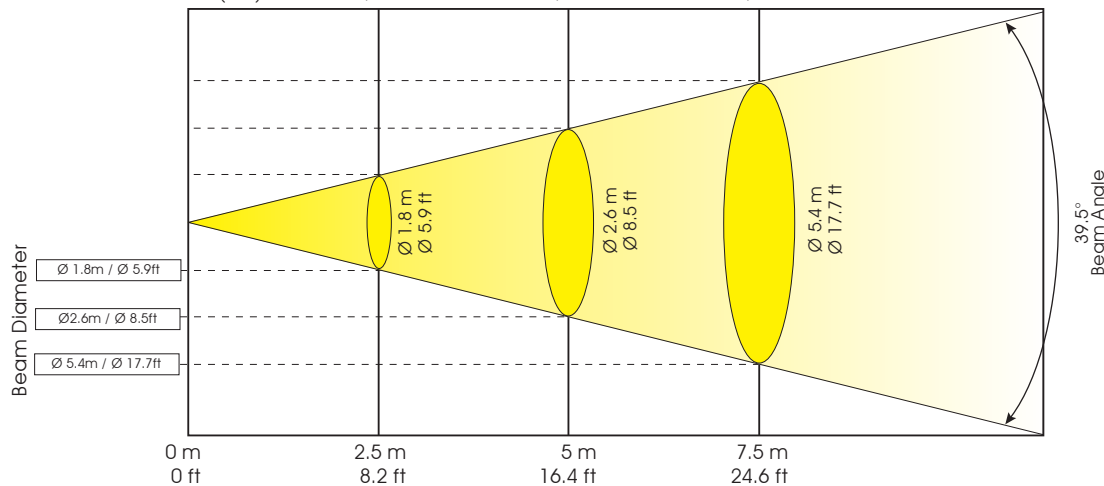- Built-in color, strobe & dimming macros

RGBW

PHOTOMETRICS

Design Wash LED Pro
Photometric Beam Angle Data

Standard 25° Lens = 39.5° Beam Angle Effect

LUX x 0.0929 = FC

R (52)	183 FC / 1972 LUX	51 FC / 552LUX	25 FC / 268 LUX
G (22)	383 FC / 4120 LUX	112 FC / 1203 LUX	36 FC / 389 LUX
B(22)	115 FC / 1241 LUX	34 FC / 365 LUX	16 FC / 173 LUX
W (12)	173 FC / 1867 LUX	50 FC / 531 LUX	24 FC / 258 LUX
Full (108)	831 FC / 8948 LUX	240 FC / 2576 LUX	107 FC / 1152 LUX

Beam Diameter: Ø 1.8m / Ø 5.9ft, Ø2.6m / 8.5ft, Ø 5.4m / Ø 17.7ft

Ø 1.8 m / Ø 5.9 ft — Ø 2.6 m / Ø 8.5 ft — Ø 5.4 m / Ø 17.7 ft

39.5° Beam Angle

0 m	2.5 m	5 m	7.5 m
0 ft	8.2 ft	16.4 ft	24.6 ft

DMX TRAITS

13 Channel Mode:

Channel	Value	Function
1	0 - 255	PAN movement 8bit
2	0 - 255	PAN fine
3	0 - 255	TILT movement 8bit
4	0 - 255	TILT fine
5	0 - 255	Red (0-black, 255-100% red)
6	0 - 255	Green (0-black, 255-100% green)
7	0 - 255	Blue (0-black, 255-100% blue)
8	0 - 255	White (0-black, 255-100% white)
9	0 - 255	Shutter, strobe
10	0 - 255	Dimmer (intensity)
11	0 - 255	Rainbow
12	0 - 255	Speed pan/tilt movement
13	0 - 255	Reset, internal programs