

COLOR

- Silver
- Black

X-ball II 21/43



## X-BALL II 21/43

IP 67

### FEATURES

- Available in 21 and 43 LEDs 2 models
- Aluminium alloy metal housing
- Available in Chrome and Matt black color finish
- Standard DMX-512(1990)
- Constant current circuit design
- Build in 10 memories for playback
- Master / Slave units self control
- Configuration via DMX cable to units for all setup
- Video Graphic output possible with X-Driver-48 controller

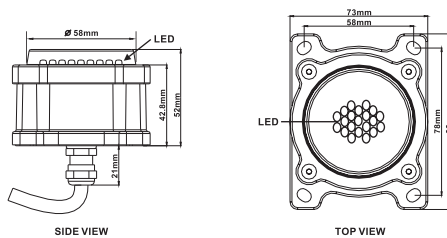
### SPECIFICATION

- Operating Voltage 24VDC
- Quantity of LED 43 LEDs model: 15 red, 14 blue and 14 green  
21 LEDs model: 9 red, 6 blue and 6 green
- Power Consumption 4W(43 LEDs), 2W(21 LEDs)
- Control DMX-512
- Housing Aluminium alloy construction, PC +UV resistance diffuser
- IP rating IP67
- Listing CE certified
- Connection Terminal
- Dimension 93(L)x73(W)x52(H)mm
- Weight 300g (42 LEDs), 295g (21 LEDs)

### ORDER INFORMATION

|                |                            |
|----------------|----------------------------|
| X-BALL II 43-B | 43 LEDs model: black case  |
| X-BALL II 21-B | 21 LEDs model: black case  |
| X-BALL II 43-S | 43 LEDs model: silver case |
| X-BALL II 21-S | 21 LEDs model: silver case |

### DIMENSION





## Photometric Data

Light source specifications

Optics: tempered polycarbonate  
 Light source: 21 high power led ( 9 red, 6 green, 6 blue)  
 Beam angle: 101 x 46 deg  
 Light distribution: symmetric direct illumination

## Illuminance

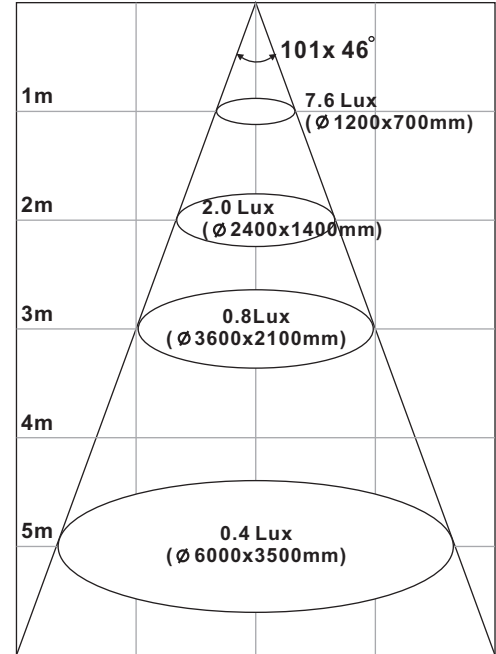
| COLOR | 1m  |           | 2m  |           | 3m  |           | 5m  |           |
|-------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|
|       | Lux | Size (mm) | Lux | Size (mm) | Lux | Size (mm) | Lux | Size (mm) |
| RED   | 3.2 | 1100x380  | 0.8 | 2200x1160 | 0.4 | 3300x1740 | 0.2 | 5000x2900 |
| GREEN | 4.2 | 1200x780  | 1.0 | 2400x1560 | 0.4 | 3600x2340 | 0.2 | 6000x3900 |
| BLUE  | 1.4 | 1260x770  | 0.4 | 2520x1540 | 0.2 | 3780x2310 |     |           |
| WHITE | 7.6 | 1200x700  | 2.0 | 2400x1400 | 0.8 | 3600x2100 | 0.4 | 6000x3500 |

\* light pattern indicates the size at 50% of peak intensity

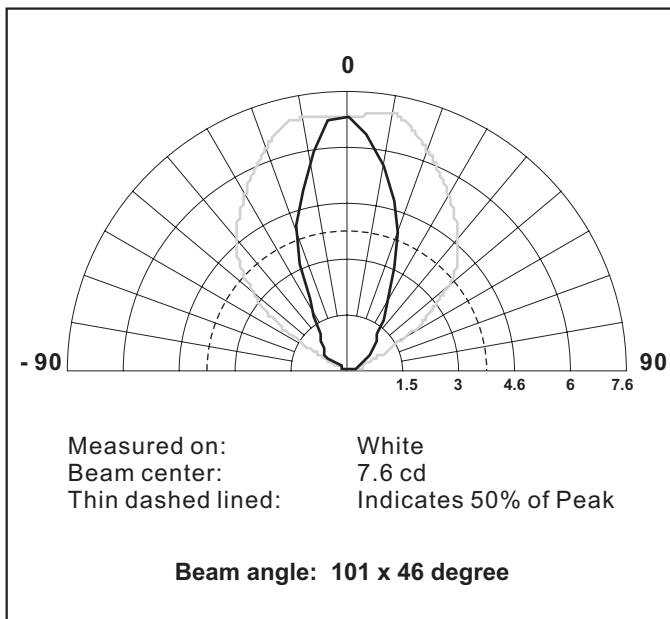
## Light output

| COLOR | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|-------|----------------|--------------|----------------|
| RED   | 3.58           | 0.6          | 5.96           |
| GREEN | 6.27           | 0.6          | 10.45          |
| BLUE  | 1.98           | 0.7          | 2.8            |
| WHITE | 10.58          | 1.3          | 8.1            |

## Full intensity in white color

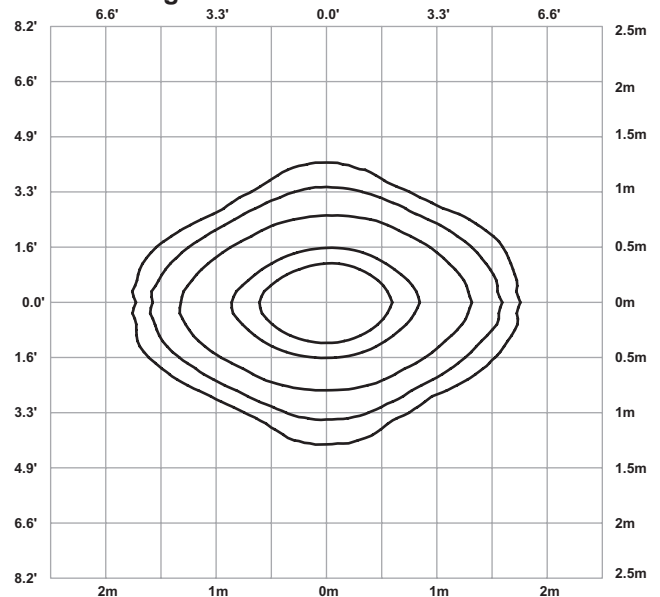


## Light distribution



IES file is also available

## Isolux diagram



At 1m distance

- 3% 0.2lx
- 5% 0.4lx
- 10% 0.8lx
- 30% 2.3lx
- 50% 3.8lx



## Photometric Data

Light source specifications

Optics: tempered polycarbonate  
 Light source: 43 high power led ( 15 red, 14 green, 14 blue)  
 Beam angle: 101 x 48 deg  
 Light distribution: symmetric direct illumination

## Illuminance

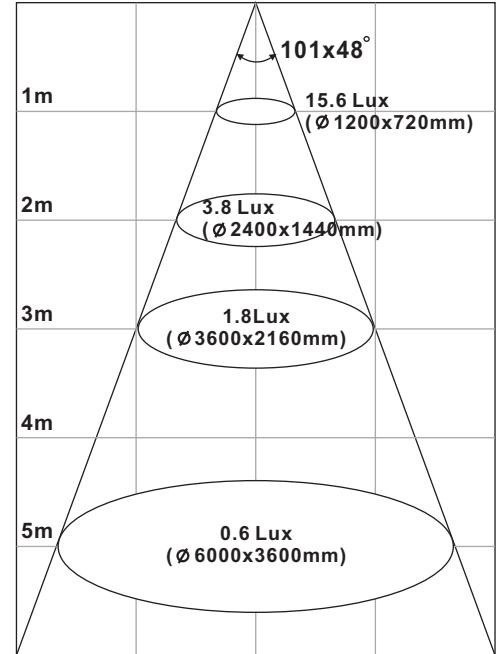
| COLOR | 1m   |           | 2m  |           | 3m  |           | 5m  |           |
|-------|------|-----------|-----|-----------|-----|-----------|-----|-----------|
|       | Lux  | Size (mm) | Lux | Size (mm) | Lux | Size (mm) | Lux | Size (mm) |
| RED   | 5.0  | 1140x600  | 1.2 | 2280x1200 | 0.6 | 3420x1800 | 0.2 | 5700x3000 |
| GREEN | 9.6  | 1190x790  | 2.4 | 2395x1595 | 1.0 | 3590x2390 | 0.4 | 5990x3990 |
| BLUE  | 3.4  | 1205x725  | 0.8 | 2410x1445 | 0.4 | 3610x2170 | 0.2 | 6010x3610 |
| WHITE | 15.6 | 1200x720  | 3.8 | 2400x1440 | 1.8 | 3600x2160 | 0.6 | 6000x3600 |

\* light pattern indicates the size at 50% of peak intensity

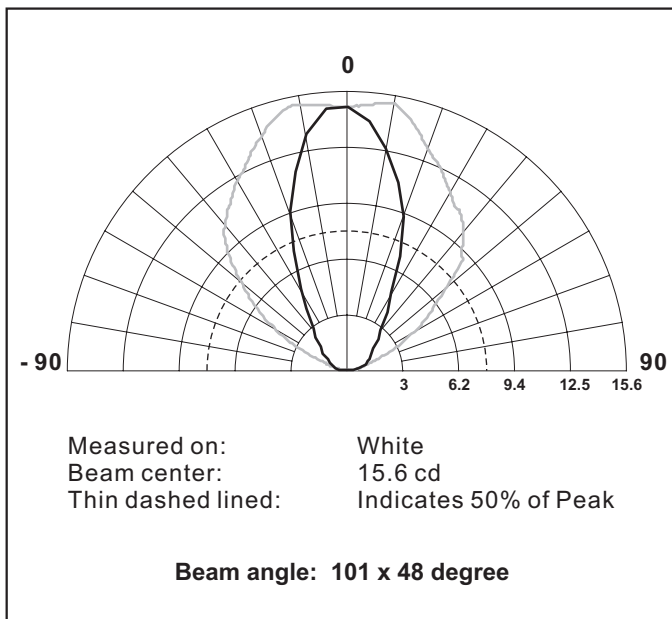
## Light output

| COLOR | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|-------|----------------|--------------|----------------|
| RED   | 6.53           | 1            | 6.53           |
| GREEN | 14.96          | 1            | 14.96          |
| BLUE  | 4.3            | 1            | 4.3            |
| WHITE | 22.9           | 2.4          | 9.5            |

## Full intensity in white color

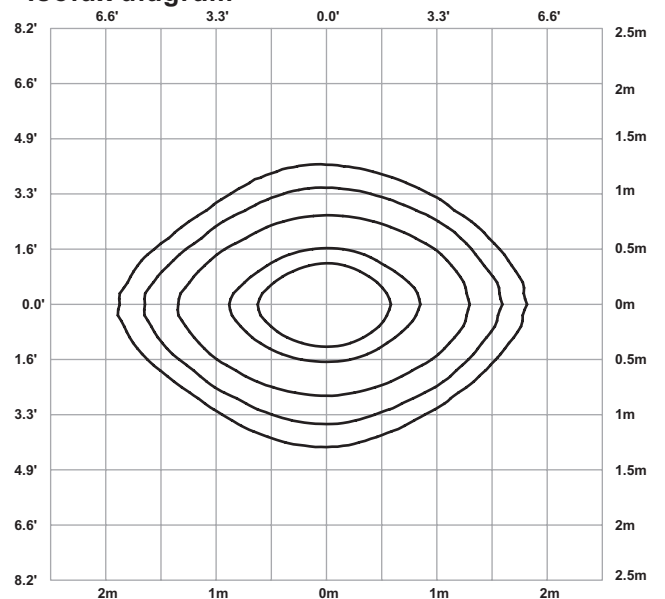


## Light distribution



IES file is also available

## Isolux diagram



At 1m distance

- 3% 0.5lx
- 5% 0.8lx
- 10% 1.6lx
- 30% 4.7lx
- 50% 7.8lx

# SYSTEM CONFIGURATION

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