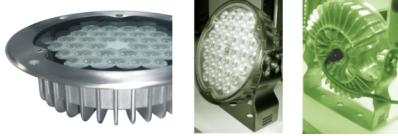


## X-DRUM-HIP<sup>RGB</sup>

36 high power LEDs lighting



Inground version



### ► ORDERING INFORMATION

Model	Order Code	Color	LED Quality	Operating Voltage	Power Consumption	Connection	Weight
X-DRUM-HIP	26-044-0163-00	RGB	36	24VDC	50W	8-Pin IP Connector	3.2Kg

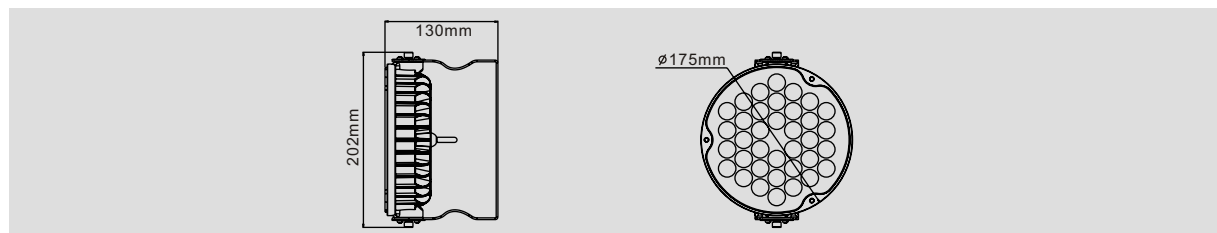
### ► FEATURES

- Rich color changing effect
- Very long operation life in excess of 50,000 hours
- Low energy consumption
- Robust construction suitable for outdoor application
- Fully DMX controlled by X-POWER-2HP

### ► SPECIFICATION

<b>COLOR RANGE</b>	16.7 million (24bit)									
<b>SOURCE LIFE</b>	50,000 hours under normal operating conditions									
<b>LED TYPE</b>	1W LUXEON R.G.B.									
<b>POWER CONSUMPTION</b>	50W Max at full intensity (RGB)									
<b>CURRENT CONSUMPTION</b>	1A									
<b>LIGHT SOURCE</b>	36 x 1W high power LUXEON LEDs									
<b>BEAM ANGLE</b>	10 deg (25, 45 deg optional)									
<b>EMISSION WAVE LENGTH</b>	Red			Green			Blue			Unit nm
	Min. 620.5	Typ. 627	Max. 645	Min. 520	Typ. 530	Max. 550	Min. 440	Typ. 455	Max. 460	
<b>FORWARD VOLTAGE</b>	Red			Green			Blue			Unit V
	Min. 2.31	Typ. 2.95	Max. 3.51	Min. 2.79	Typ. 3.42	Max. 3.99	Min. 2.79	Typ. 3.42	Max. 3.99	
<b>CONNECTION</b>	8-Pin IP Water proof Pulg									
<b>CONTROLLED</b>	X-POWER-2HP									
<b>LISTING</b>	CE certified									
<b>HOUSING</b>	Die cast stainless steel									
<b>IP RATING</b>	IP 68									
<b>OPERATING TEMPERATURE</b>	4 °C ~ +50 °C									
<b>STORAGE TEMPERATURE</b>	-20 °C ~ +70 °C									
<b>DIMENSION</b>	202(L)x 54(W)130(H)mm									

### ► DIMENSIONS



# X-DRUM-HIP

## ▶ PHOTOMETRIC DATA

Light source specifications

Optics: polycarbonate lens + clear glass  
 Light source: 36 high power led ( 12 red, 12 green, 12 blue)  
 Beam angle: 11 deg  
 Light distribution: symmetric direct illumination

### ILLUMINANCE

COLOR	1m		3m		5m		10m	
	Lux	Size (mm)	Lux	Size (mm)	Lux	Size (mm)	Lux	Size (mm)
RED	6493.2	182.5	721.4	540	259.8	912.5	65	1825
GREEN	7861.8	185	873.6	555	314.4	925	78.6	1850
BLUE	1440.8	177.5	160	532.5	57.6	887.5	14.4	1775
WHITE	13631.6	185	1514.6	555	545.2	925	136.4	1850

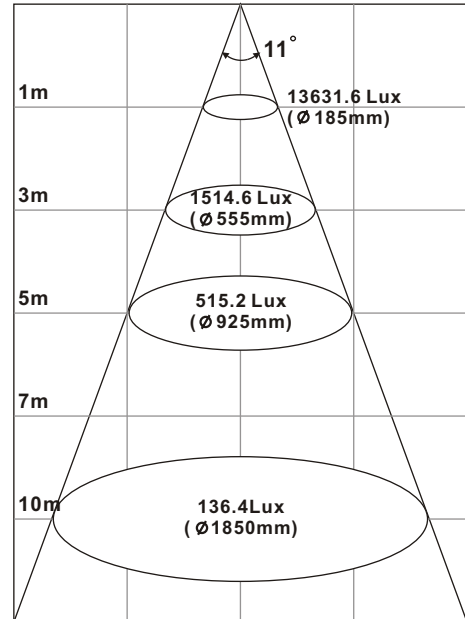
\* light pattern indicates the size at 50% of peak intensity

### LIGHT OUTPUT

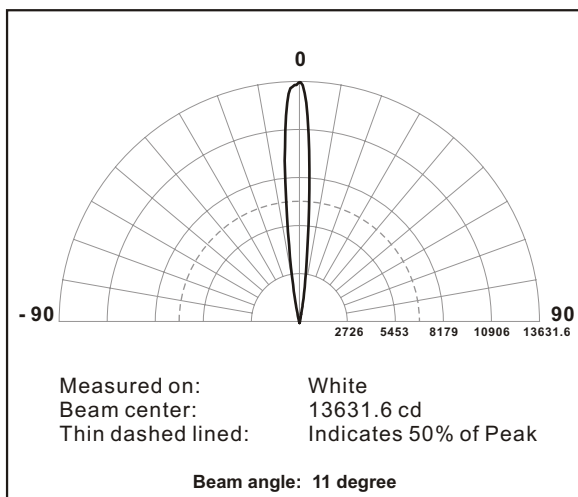
COLOR	Total (lumens)	Power(watts)	Efficacy(lm/W)
RED	311.3	17.7	17.6
GREEN	413	19.3	21.4
BLUE	69.7	19.5	3.6
WHITE	746.2	42.7	17.5

\* Tested under X-POWER-2HP

### FULL INTENSITY IN WHITE COLOR

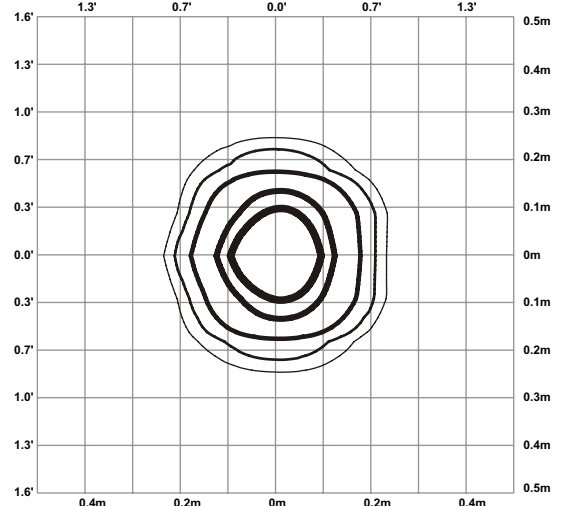


### LIGHT DISTRIBUTION



IES file is also available

### ISOLUX DIAGRAM

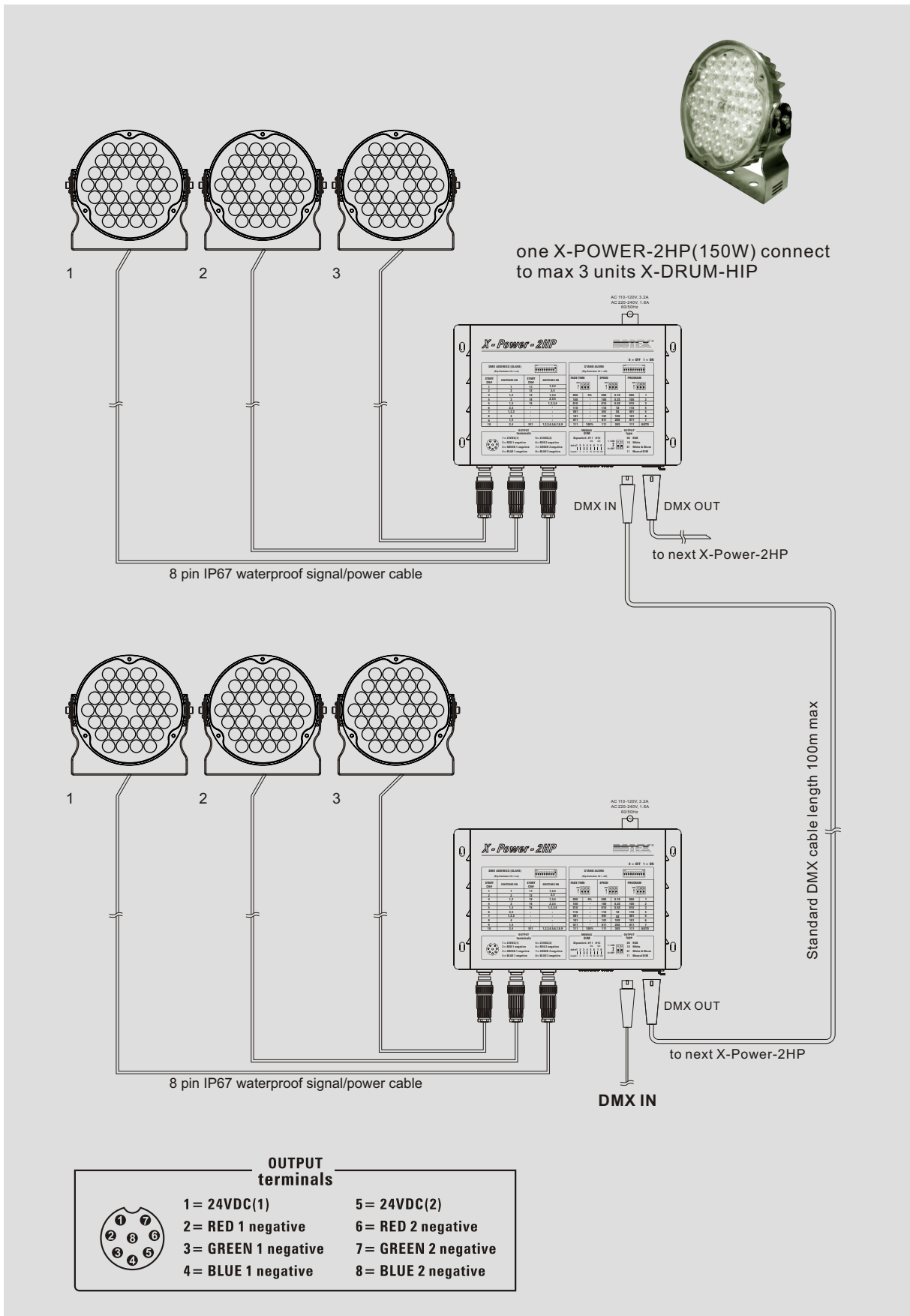


At 1m distance

- 3% 408.8lx
- 5% 681.3lx
- 10% 1362.6lx
- 30% 4087.7lx
- 50% 6812.9lx

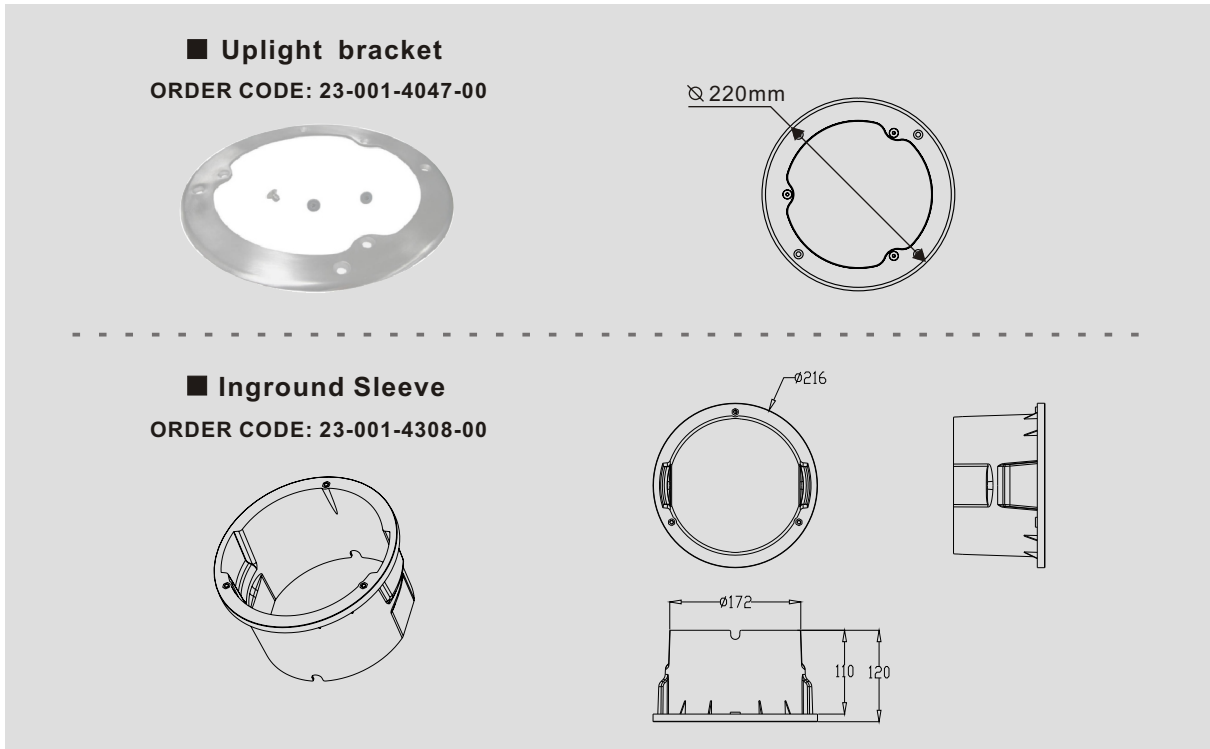
# X-DRUM-HIP

## TECHNICAL DRAWING - CONNECTION



► **TECHNICAL DRAWING - DIMENSIONS**

When you order X-Drum-HIP Inground, you have to order the upright bracket and the Inground sleeve separately.



► **TECHNICAL DRAWING - INSTALLATION**

Please refer to the below instructions for inground installation.

