



SixPack

LED pixel blinder



Description

The SixPack is a unique pixel array with individual DMX control over each RGBA LED. It comes with a narrow and bright beam angle to work as a blinder for long distances, but it is also a very powerful pixel fixture that can be rigged in almost any orientation. It can be used as a regular LED bar, a spotted downlight for backdrops, a front limelight for outdoor application, a very tight backlight for actors, or a decorative light scenery element. The SixPack is a flexible and adaptable LED luminaire for multiple creative applications.

Features and benefits

- ✓ High-performance RGBA LED light source
- ✓ Optional hanging brackets to build pixel arrays
- ✓ 2000K - 10000K CTC control
- ✓ Practically maintenance-free operation
- ✓ Six individually controllable 13° beam angle pixels
- ✓ DMX and RDM control
- ✓ Accurate 16bit dimming performance
- ✓ Flicker-free / Programmable scenes

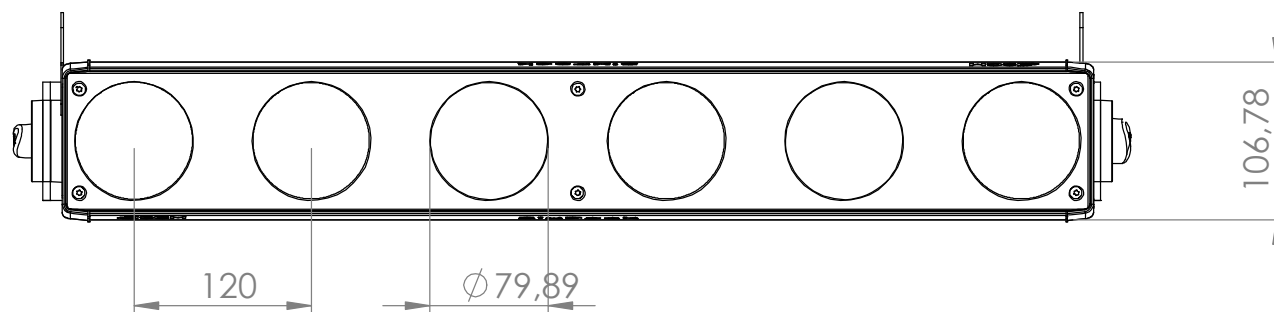
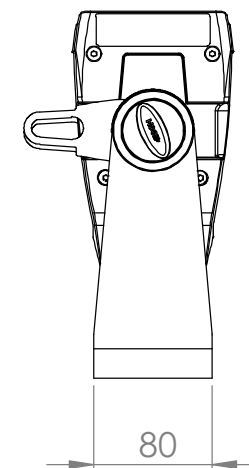
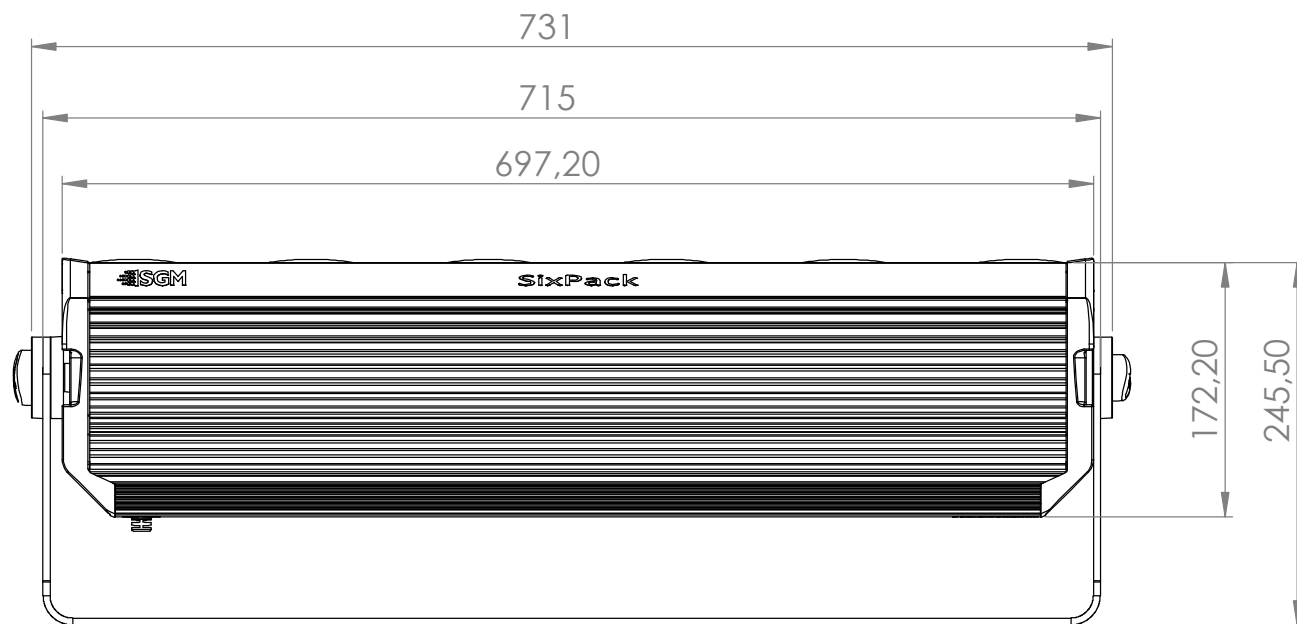
Certifications & classifications

IP65

RoHS

CE





Specification

Optical Data	LED expected lifetime	50,000 hours
	Lightsource	6 x 40W RGBA LEDs
	Native lens options	13° fixed
	Pixel pitch	120 mm
Photometric	Color temperature range	2000K - 10000K
	Efficacy	20 lm/W
	Light output all LEDs on	5027 lm
	Light output amber	1434 lm
	Light output blue	584 lm
	Light output green	1825 lm
	Light output red	1719 lm
	Lumen per kilogram	457 lm / Kg
	Lux @ 10m	464 lux
	Lux @ 5m	1858 lux
	Native beam angle(s)	14° (with 13° lens)
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	IP class	IP65
	Lens material	PE
	Material	Aluminium
	Net dimensions	750 x 107 x 175 mm
	Net dimensions inches	29.5 x 4.2 x 6.9 inches
	Net weight	11 kg (24.3 lbs)
Features	Dimming	Smooth fade in, gamma corrected curve
	Emulation mode / effect	Tungsten response emulation
	LED panel	6 individually controllable segments
	Strobe	Ultra-high-speed strobe effects
	Tilt	110°
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	90 - 264 VAC; 50 / 60 Hz
	Input voltage, nominal	100 - 240 VAC; 50 / 60 Hz

	Max inrush current 230VAC	79 A
	Max power consumption	250 W
	Power factor	0.97 PF (230 V)
	Power Supply Unit	Auto-ranging electronic switch-mode
Programming and Control	16-bit control	Dimmer, Red, Green, Blue, Amber
	Cabled DMX	5 pin XLR input/output
	DMX channels	6, 7, 18, 22, 24, 28, 48 or 53
	DMX modes	8
	Protocol	USITT DMX512A RDM ANSI E1.20
	Setting and addressing	OLED graphical display / 4 buttons RDM ANSI E1.20 RFID Standalone mode
	Standalone mode	Quick Color Standalone mode programmable via RFID Up to 24 programmable scenes
Connections	DMX data in/out	IP65 XLR 5-pin connector, Female IP65 XLR 5-pin connector, Male
	Power	Power input connector & link-thru
Installation	Maximum Units Vertical	8 pcs
	Orientation	Any
	Rigging possibilities	Single hanging / standing bracket, matrix hanging mounts
	Safety features	Minimum distance to combustible materials: 0.3 meter (11 in). Mount for safety wire
Thermal	Cooling	Passive
	Humidity (max.)	98 %
	Temperature range, operating	-40°C to 50°C
	Temperature range, start-up	-20°C to 50°C
	Temperature range, storage	-40°C to 80°C
	Thermal protection	Automatic overtemperature protection
	Total heat dissipation, max power	853 BTU per hour
Included items	Included items	2 m IP66 power cable pigtail U-Bracket Vertical mounting bracket Safety instructions and installation quick guide

Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-1 EN 55103-2 EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1 EN 60598-2-17 EN 62471 EN 60529
	RoHS2 Directive UL	2011/65/EU UL Std. 1573
Certified To	CSA	CSA Std. C22.2 No. 166

NOTES:

Due to continuous improvements and innovations, specifications may change without notice.

LEDs' expected lifetime provided by manufacturer and obtained under manufacturer's test conditions.

Zoom range defined as a minimum beam angle to a maximum field angle.

Photometric measurements obtained with Goniometer Scan / SGM Illumination Lab 1.6.0.0.

Lumen output in pixel products is calculated.

Ordering information

Qty	Product name	Item number
<input type="checkbox"/>	SixPack	80030505
<input type="checkbox"/>		
	Accessories	Item number
<input type="checkbox"/>	SixPack Hanger Bracket Set	83060611
<input type="checkbox"/>	SixPack Horizontal Bracket	83060606
<input type="checkbox"/>	Omega Bracket with 1/4-turn fasteners	83060602
<input type="checkbox"/>	Power cable with IP connector	07860275
<input type="checkbox"/>	SGM USB uploader cable	83062011
<input type="checkbox"/>	Vacuum Test Kit	83061136
<input type="checkbox"/>	A-4	80070217
<input type="checkbox"/>	RDM Addressing Tool	
<input type="checkbox"/>		



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