



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

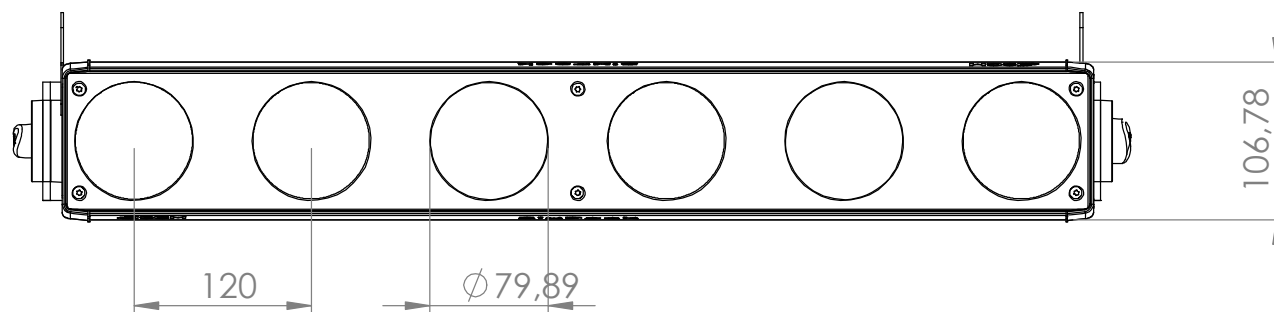
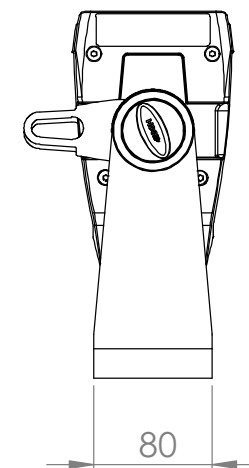
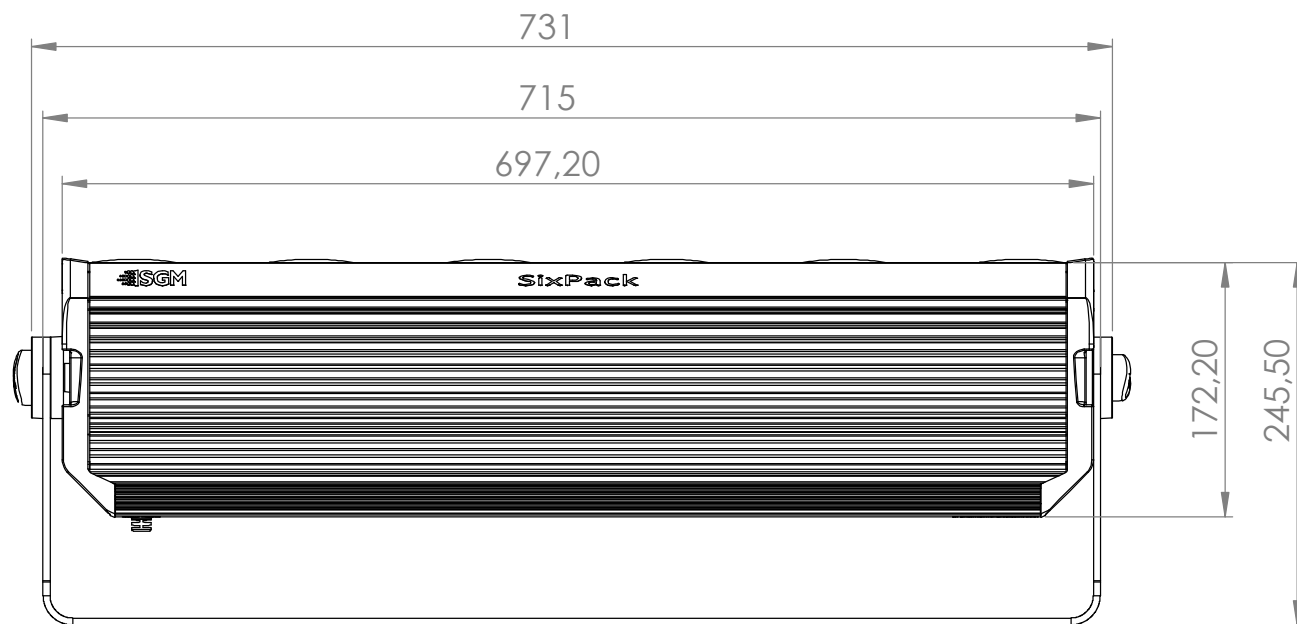
Certifications & classifications

IP65

RoHS

CE





Specification

Optical Data	LED expected lifetime	50,000 hours
	Lens	13° fixed
	Lightsources	6 x 40W RGBA LEDs
	Pixel Pitch	120 mm
Photometric	Beam angle(s)	14° (with 13° lens)
	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
	Lux @ 10m	464 lux
	Lux @ 5m	1858 lux
	Maximum Field Angle	32 °
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	IP class	IP65
	Lens material	PE and tempered glass front
	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	Electronic
	Emulation mode / effect	Tungsten response emulation
	LED panel	6 individually controllable segments
	Strobe	Ultra-high-speed strobe effects
	Tilt	110°
Electrical	AC power, max.	90 - 264V 50/60Hz
	AC Power, nominal	100 - 240V 50/60Hz
	Electrical Protection	Overload protection with automatic recover
	Max Inrush Current	79 A
	Max power consumption	250 W

	Power factor	0.97 PF (230 V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Typical power consumption	200 W
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 cable 0.5m
	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
Included items	Included items	2 m power cable 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	2011/65/EU
	UL	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
☐	SixPack	80030505
☐		
	Accessories	Item number
☐	SixPack Hanger Bracket Set	83060611
☐	SixPack Horizontal Bracket	83060606
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	Power cable with IP connector	07860275
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	A-4	80070217
☐	RDM Addressing Tool	
☐		



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