



i-2 White

White LED Wash Light



Description

The i-2 White is a powerful wash luminaire generating a narrow beam of light in spot position, suitable for any application requiring high output over medium and long distances. It expands the possibilities of the P-2 series by adding a more powerful beam and a narrower angle, but maintaining the standards of color consistency and seamless beam projection.

Unlike the P-series, each individual lens in the i-2 White is related to White LED chips only. These optics have been designed to deliver an impressive amount of white light when illuminating structures over medium and long distances.

Features and benefits

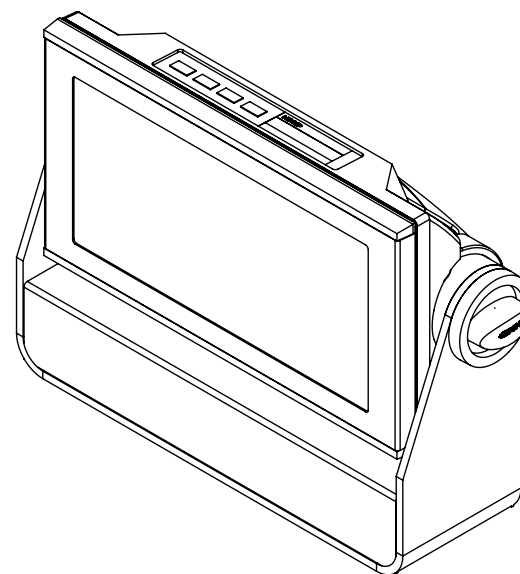
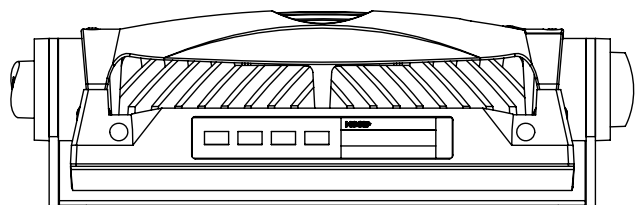
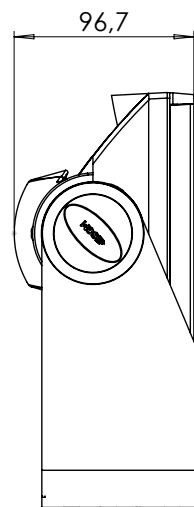
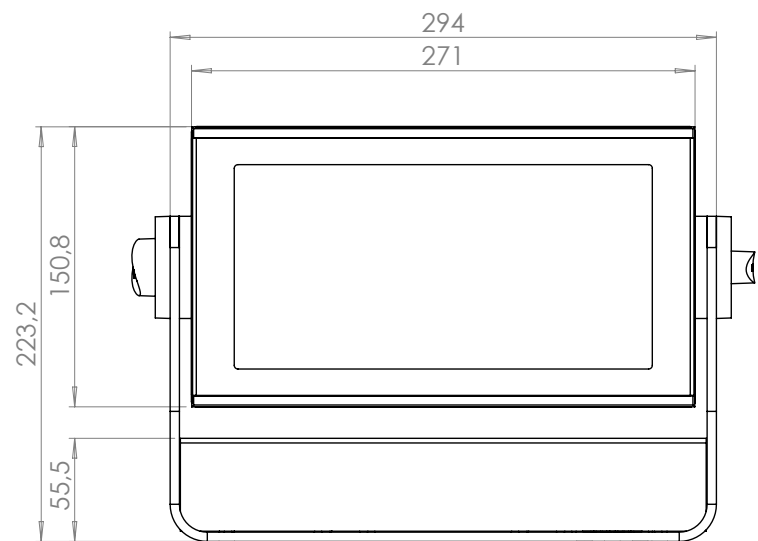
- ✓ High-performance White light source with 69 LEDs
- ✓ 8° native beam angle / 18°, 40° & 60°x10° optional diffusers
- ✓ Accurate 16bit dimming performance
- ✓ Flicker-free / Programmable scenes
- ✓ 5700K color temperature
- ✓ Designed for White-only output
- ✓ DMX, RDM and wireless control
- ✓ Practically maintenance-free

Certifications & classifications

IP65

RoHS





Specification

Optical Data	LED expected lifetime	50,000 hours
	Lightsource	69 x White LEDs (5,700K)
	Native lens options	8.5°
	Optional filters	Medium, I-2/I-5, diffusion in, external (17° angle) Wide, I-2/I-5, diffusion in, external (42° angle) Wide, I-2/I-5, diffusion out, external (31° angle) Elliptical horizontal, I/P, external (10° x 60° angle) Elliptical vertical, I/P, external (60° x 10° angle)
	Optional honeycomb	Internal
Photometric	Color temperature	5700K
	Efficacy	69 lm/W
	Light output all LEDs on	16123 lm
	Lumen per kilogram	2643 lm / Kg
	Lux @ 10m	5391 lux
	Lux @ 3m	59896 lux
	Lux @ 5m	21563 lux
	Native beam angle(s)	8° (with 8.5° lens)
	Native field angle(s)	15°
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Effective Projected Area	0.96 Square ft
	IP class	IP65
	Lens material	PE
	Material	Aluminium
	Net dimensions	334 x 223 x 105 mm
	Net dimensions inches	13.2 x 8.8 x 4.1 inches
	Net weight	6.1 kg (13.5 lbs)
Features	Color calibration	Single-unit color
	Dimming	Smooth fade in, gamma corrected curve
	Filters	Optional external spread angle filters (requires Accessory Holder)
	Strobe	Ultra-high-speed strobe effects

	Tilt	0 - 190°
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	90 - 305 VAC; 50 / 60 Hz
	Input voltage, nominal	100 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	75 A
	Max power consumption	250 W
	Power factor	0.98 PF (230 V)
	Power Supply Unit	Inbuilt IP 67 Auto-ranging electronic switch-mode
	Standby power consumption	5 W
Programming and Control	16-bit control	Dimmer
	Cabled DMX	5 pin XLR input/output
	DMX channels	2
	DMX modes	2
	Protocol	USITT DMX512A RDM ANSI E1.20
	Setting and addressing	OLED graphical display / 4 buttons RDM ANSI E1.20 Standalone mode
	Standalone mode	Quick Color Up to 24 programmable scenes
Connections	DMX data in/out	2 IP65 XLR 5-pin cables 0.5m (permanently wired)
	Power	Power cable 1 meter with bare ends (permanently wired)
Installation	Mounting point	2 quarter-turn locking points for one Omega bracket
	Orientation	Any
	Rigging possibilities	Floor stand (included) or hanging (Omega clamps included)
	Safety features	Bottom mount for safety wire Minimum distance to combustible materials: 0.3 meter (11 in).
Thermal	Cooling	Active, Forced Air, Temperature- regulated
	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
	Total heat dissipation, standby	17.1 BTU per hour
Included items	Included items	Mounting bracket (incl. screws) 1 Omega bracket with quarter-turn fasteners 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
	UL (Int)	UL Std. 1573
Certified To	CSA	CSA-E598-2-17-98, Ed: 1 CSA E60598-1, Ed: 3

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
☐	I-2 White Wash, 8,5°, Std, BL	80031105
☐	I-2 White Wash, 8,5°, Std, WH	80031155
☐	I-2 White Wash, 8,5°, Std, CU	80031185
☐		
Accessories		Item number
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	4-way Barndoors for P·2, Q·2, i·2	83061129
☐	8-way Barndoor for P·2, Q·2, i·2	83061130
☐	Accessory Holder for P·2 & i·2	83061127
☐	Color Frame for P·2, Q·2, i·2	83061131
☐	Flight Case for 4 pcs P·2, Q·2, Q·2 W & i·2 incl barndoors	82051503
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	A·4	80070217
☐	Diffusion filter for P·2, i·2 - medium, external	83061021
☐	Diffusion filter for P·2, i·2 - wide, external	83061022
☐	Diffusion filter for P·2, i·2 - elliptical horizontal, external	83061023
☐	Diffusion filter for P·2, i·2 - elliptical vertical, external	83061024
☐	RDM Addressing Tool	
☐		



Headquarter [+45 70 20 74 00](tel:+4570207400)

Mail info@sgmlight.com

Website sgmlight.com