



P-3 Wash

RGBW LED Wash Light



Description

The P-3 Wash is part of the revolutionary family of SGM Light 3 Series fixtures. The 3 Series introduces numerous features and performance improvements which makes it unique amongst fixtures in this size class. Incorporating a >12,700 lumen illumination LED engine this compact powerhouse can be used as a color strobe or for illumination, arrayed in grids, used in LED screen borders, arranged in LED extensions, or used as stage outlines.

Features and benefits

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Certifications & classifications

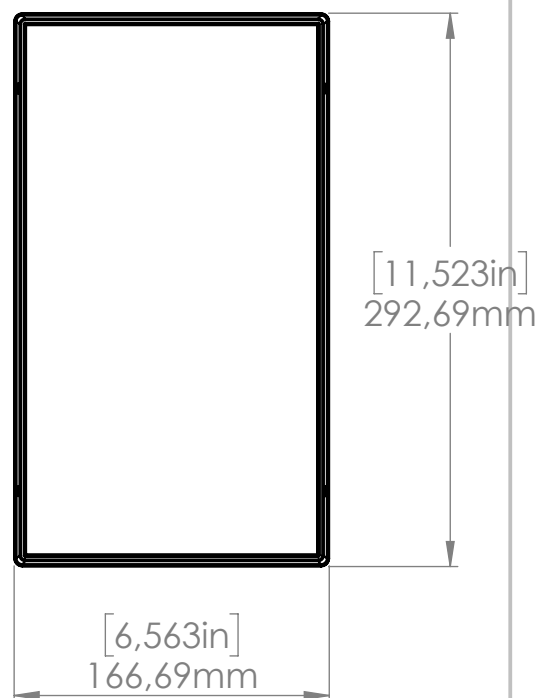
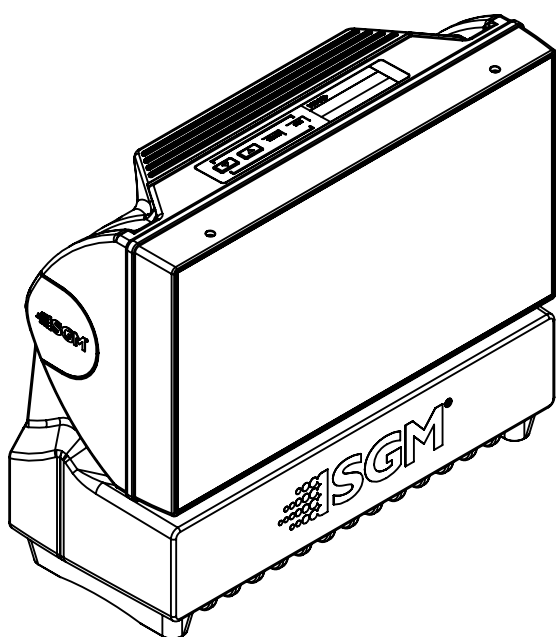
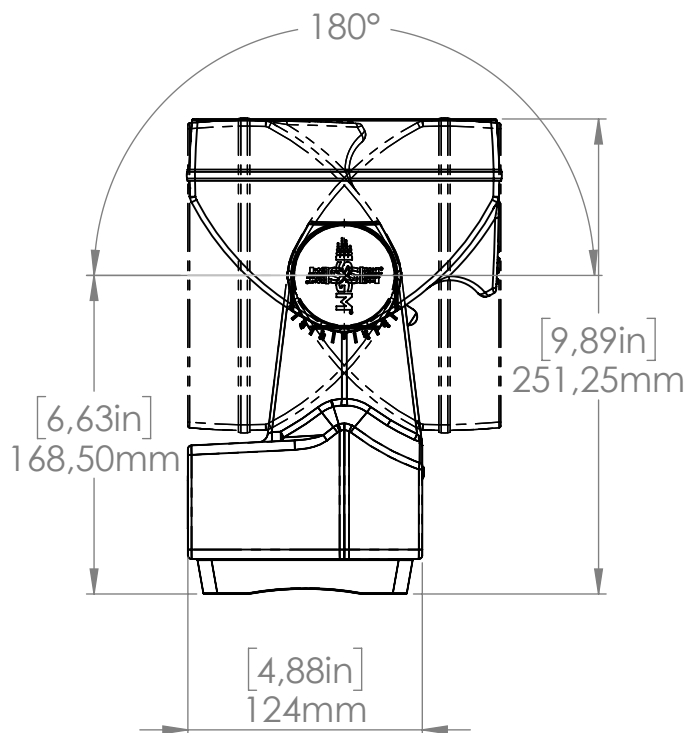
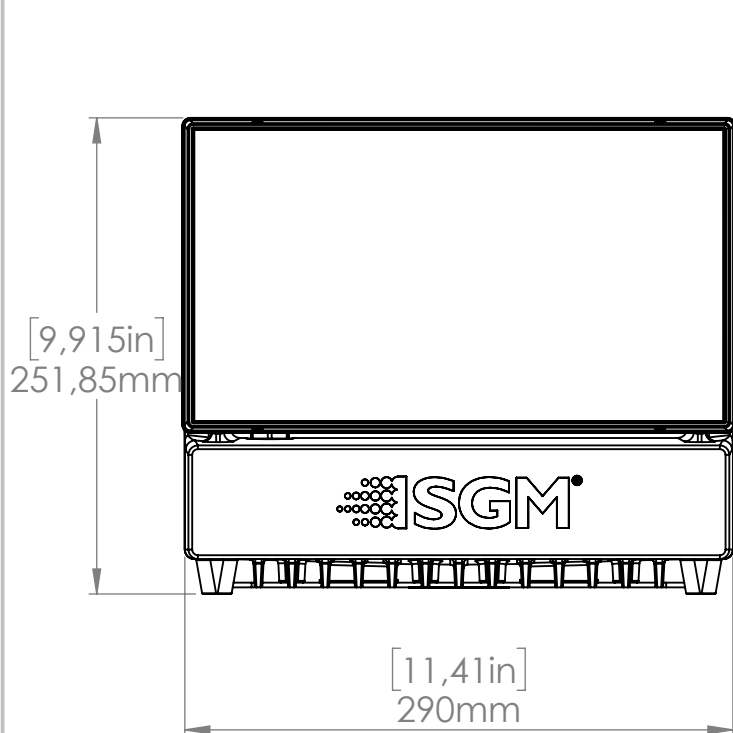
IP66
INGRESS

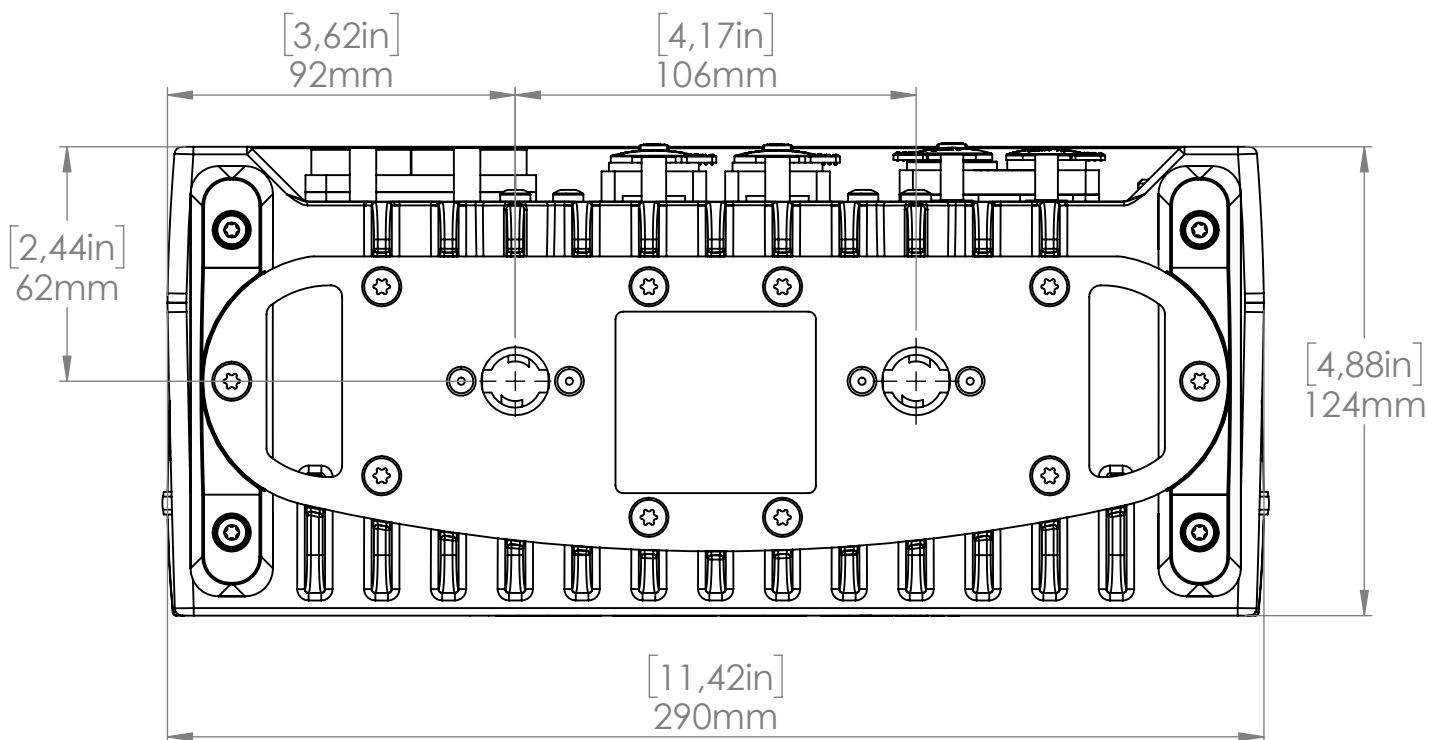
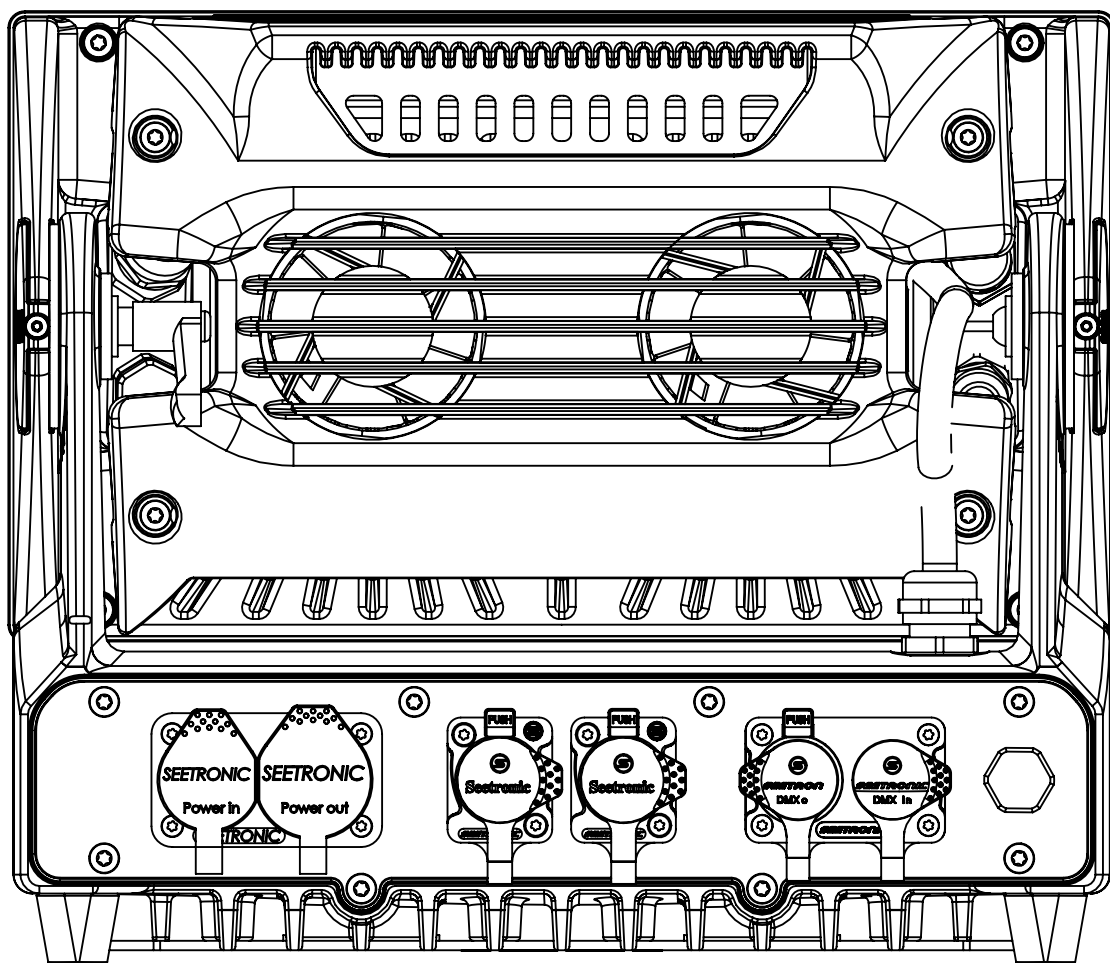
C5
CORROSION

IK09
IMPACT

UV
RESISTANT

RoHS
COMPLIANT





Specification

Optical Data	LED expected lifetime (L70)	50,000 hours
	Lightsource	18 X High Output RGBW LEDs
Photometric	Native beam angle(s)	10° (with 10° lens)
		25° (with 25° lens)
		35° (with 35° lens)
	Preliminary light output all LEDs on	12700 lm
Physical	Color options	Black - RAL 9004 White - RAL 9010
	Corrosion class	C5 (ISO 12944:2018)
	IK rating	IK09
	IP class	IP66
	Lens material	Tempered glass front
	Material	Aluminium PC/ASA Steel
	Net dimensions L x H x W (imperial)	11.4 x 9.9 x 4.9 inches
	Net dimensions L x H x W (metric)	290 x 252 x 124 mm
	Net weight	8.1 kg (17.9 lbs)
	Vibration Rating	3G
Features	Addressable pixels	3
	Color calibration	SGM proprietary with TruColor® and DynaMix®
	Dehumidifier	Head
	Remote monitoring	Yes (Real Time via RDM)
	Tilt locking system	Locking system with angle indicator
Electrical		
	Electrical protection	Overload protection with automatic recover

	Input voltage (nominal)	115 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	60 A
	Max power consumption	340 W
	Max power thru @ 100 V	16 A
	Max power thru @ 230 V	14 A
	Power factor	0.99 PF (230 V)
	Power Supply Unit	High-efficiency electronic switch-mode
	Standby power consumption	6 W
Programming and Control	16-bit control	Dimmer, Red, Green, Blue, White
	Cabled DMX	5 pin XLR input/output
	Data communication	100 Mb
	DMX channels	3 - 31
	DMX modes	10
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A RDM ANSI E1.20 Art-Net (up to 120 Hz) sACN
	Setting and addressing	OLED graphical display / 4 buttons RDM ANSI E1.20
	Standalone mode	Quick Color
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	IP66 XLR 5-pin connector, Female IP66 XLR 5-pin connector, Male
	Ethernet Connections	IP66 RJ45 Locking Chassis Mount Connections
	Power	Power input connector & link-thru
Installation	Mounting point	2 quarter-turn locking points for one Omega bracket
	Orientation	Any

	Safety features	Bottom mount for safety wire
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
	Total heat dissipation, max power	1160.1 BTU per hour
	Total heat dissipation, standby	20.5 BTU per hour
Included items	Included items	2 m IP66 power cable pigtail 1 Omega bracket with quarter-turn fasteners
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 EN 55032 EN 55035
	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-E598-2-17-98, Ed: 1 CSA E60598-1, Ed: 3

Ordering information

Qty	Product name	Item number
☐	P-3 Wash, 10°, BL	80032100
☐	P-3 Wash, 25°, BL	80032101
☐	P-3 Wash, 35°, BL	80032102
☐		
Accessories		Item number
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	Power cable with IP connector	07860275
☐	SGM USB uploader cable	83062011
☐	Filter Frame for P-3 (Empty)	83061197
☐	Filter Frame for P-3 (Set)	83061193
☐	4-Way Barndoors for P-3	83061194
☐		



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

Mail info@sgmlighting.com

Website sgmlight.com