



POI-15 Wash

Colour changing wash light



Description

The POI-15 Wash is part of SGM's POI family—built-to-last and easy-to-install fixtures designed to withstand any outdoor environment. With five fixture sizes, multiple lens options, integrated control, built-in power, and glare accessories, the POI family offers versatile, configurable solutions for projects of any scale. Every POI fixture is factory colour-calibrated, ensuring colour consistency in both multi-colour and white mixes across all products in the POI family.

Features and benefits

- ✓ 407 lumen & 9562 candela at 4000K calibrated white with 10° lens
- ✓ Factory colour-calibrated ensuring colour consistency
- ✓ Made with recycled aluminium
- ✓ RGBW quad-chip LEDs with 3000K & 4000K white options
- ✓ Integrated wireless DMX & AirGlow options
- ✓ Built-in power supply

Certifications & classifications

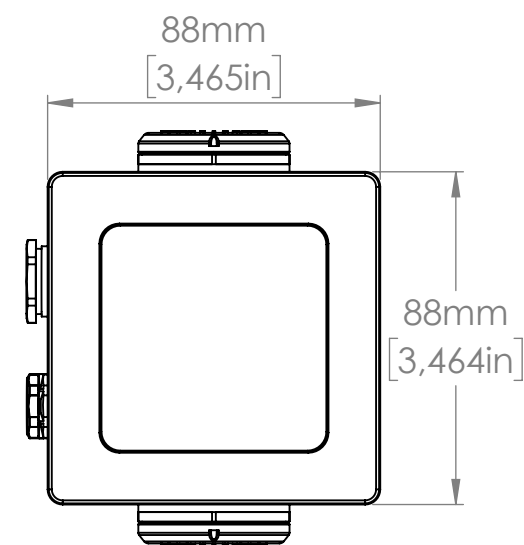
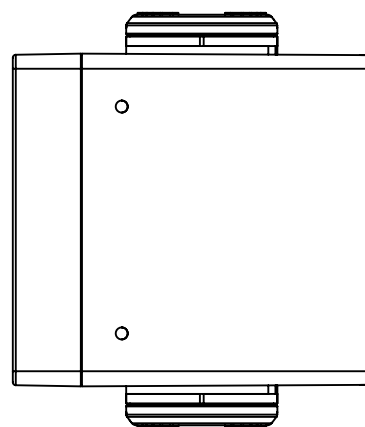
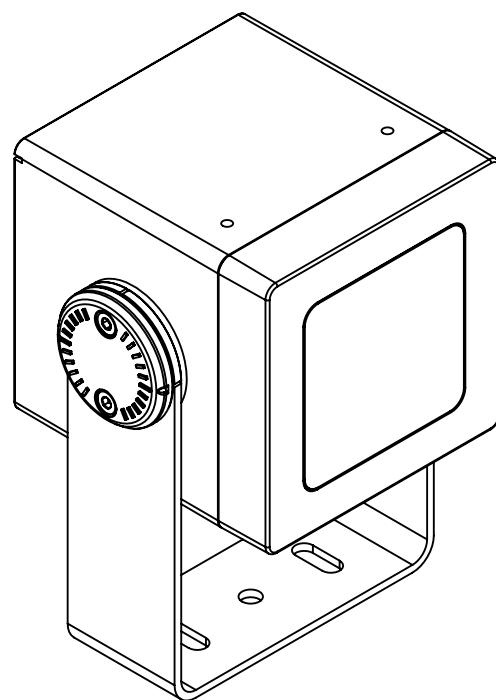
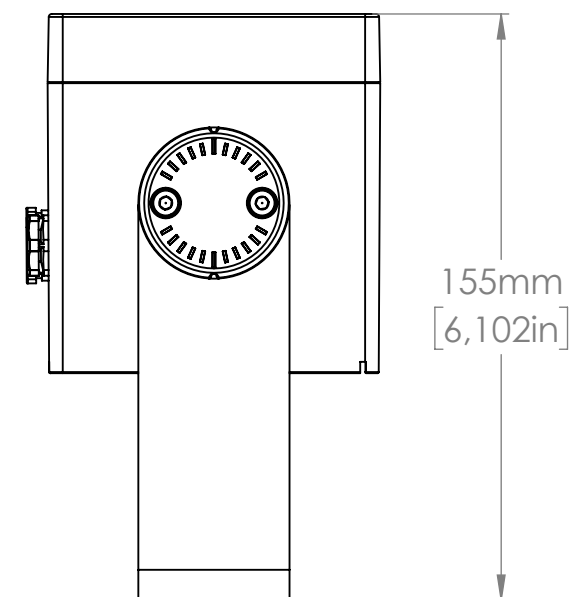
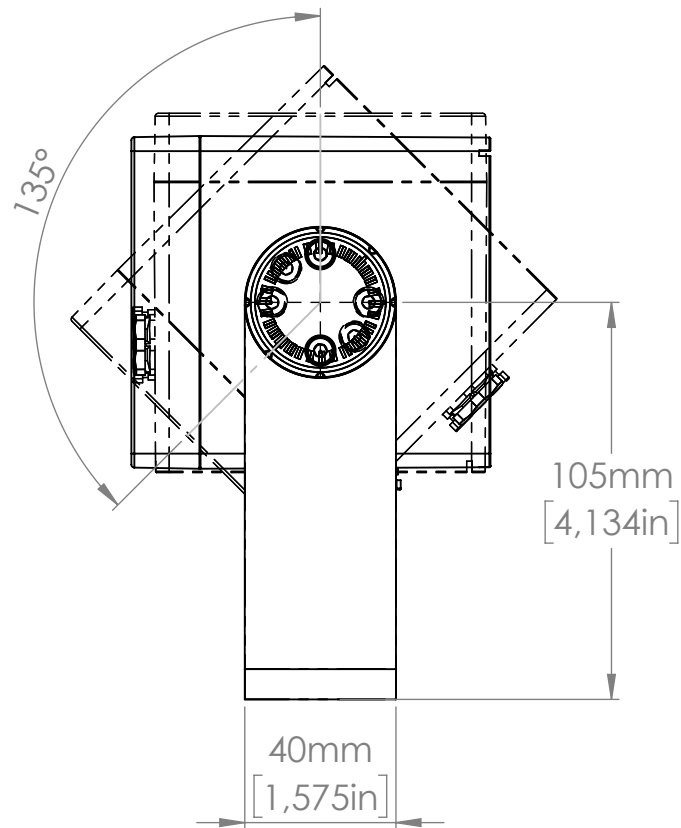
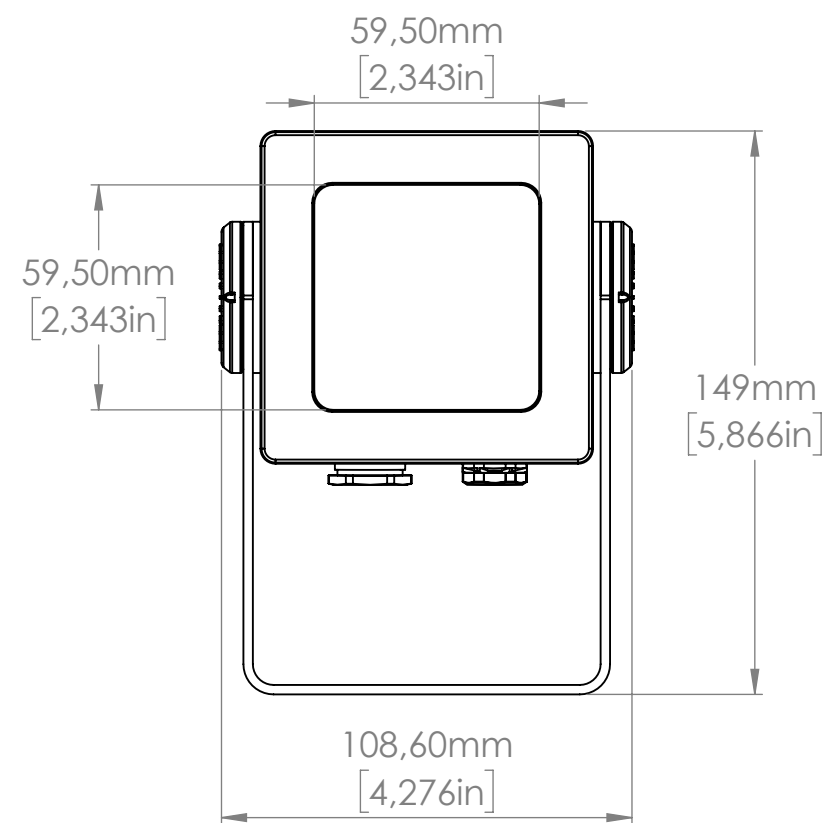
IP66
INGRESS

C5
CORROSION

IK08
IMPACT

UV
RESISTANT

CE



Specification

Optical Data

Dominant wavelength (λ_d) - blue	450 - 455 nm*
Dominant wavelength (λ_d) - green	520 - 525 nm*
Dominant wavelength (λ_d) - red	620 - 630 nm*
LED expected lifetime (L70)	150.000 hours**
Lens options (built-in)	35° 25° 10° 100° 60° 10x60° 60x10°
Lens options (external)	Diffuser
Lightsource	RGBW3K (quad-chip) RGBW4K (quad-chip)
Notes	*: ± 1 nm measurement tolerance. **: Projected. Under manufacturer's conditions. Ta=25°C

Photometric

Center beam intensity	9562 cd*
Color quality - CRI	Up to 80
Color quality - TM-30 (Rf / Rg)	75 / 118
Color temperature range	2000K - 10000K
Efficacy	27 lm/W*
Light output - all on	407 lm*
Light output - blue	45 lm
Light output - green	234 lm
Light output - red	118 lm
Notes	*: 4000K calibrated white & 10° lens. LM-79. Ta=25°C.

Physical

Color options	Custom color - Any RAL Grey - RAL 7037
Corrosion class	C5 High (ISO 12944)
IK rating	IK08
IP class	IP66
Lens material	Tempered glass front
Material	Aluminium Plastic Stainless steel Recycled aluminium
Net dimensions L x H x W (imperial)	4.3 x 5.9 x 3.7 inches
Net dimensions L x H x W (metric)	108.6 x 149 x 95 mm
Net weight	1.4 kg (3.1 lbs)

	Vibration Rating	3G
Features	Color calibration	SGM proprietary with TruColor® and DynaMix®
	Remote monitoring	Yes (Real Time via RDM)
Electrical	Input voltage (nominal)	100 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	25 A
	Max power consumption	15 W
	Standby power consumption	0.8 W
Programming and Control	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A RDM ANSI E1.20 Lumenradio AirGlow™
	Setting and addressing	RDM ANSI E1.20
	Standalone mode	White & color presets. Enabled with magnet via LED indicator.
Connections	Connection	1,5m combined power and DMX cable with bare ends
Thermal	Cooling	Passive
	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	51.2 BTU per hour
	Total heat dissipation, standby	2.7 BTU per hour
Included items	Included items	POI-15 Wash Diffuser

Ordering information

Qty	Product name	Item number
☐	POI-15 Wash, RGBW4K, 10°, GR, DMX	80300000
☐	POI-15 Wash, RGBW4K, 25°, GR, DMX	80300001
☐	POI-15 Wash, RGBW4K, 35°, GR, DMX	80300002
☐	POI-15 Wash, RGBW4K, 60°, GR, DMX	80300003
☐	POI-15 Wash, RGBW4K, 100°, GR, DMX	80300004
☐	POI-15 Wash, RGBW4K, 10x60°, GR, DMX	80300005
☐	POI-15 Wash, RGBW4K, 60x10°, GR, DMX	80300006
☐	POI-15 Wash, RGBW4K, 10°, GR, CRMX	80300007
☐	POI-15 Wash, RGBW4K, 25°, GR, CRMX	80300008
☐	POI-15 Wash, RGBW4K, 35°, GR, CRMX	80300009
☐	POI-15 Wash, RGBW4K, 60°, GR, CRMX	80300010
☐	POI-15 Wash, RGBW4K, 100°, GR, CRMX	80300011
☐	POI-15 Wash, RGBW4K, 10x60°, GR, CRMX	80300012
☐	POI-15 Wash, RGBW4K, 60x10°, GR, CRMX	80300013
☐	POI-15 Wash, RGBW4K, 10°, GR, AirGlow	80300014
☐	POI-15 Wash, RGBW4K, 25°, GR, AirGlow	80300015
☐	POI-15 Wash, RGBW4K, 35°, GR, AirGlow	80300016
☐	POI-15 Wash, RGBW4K, 60°, GR, AirGlow	80300017
☐	POI-15 Wash, RGBW4K, 100°, GR, AirGlow	80300018
☐	POI-15 Wash, RGBW4K, 10x60°, GR, AirGlow	80300019
☐	POI-15 Wash, RGBW4K, 60x10°, GR, AirGlow	80300020
☐	POI-15 Wash, RGBW3K, 10°, GR, DMX	80300021
☐	POI-15 Wash, RGBW3K, 25°, GR, DMX	80300022
☐	POI-15 Wash, RGBW3K, 35°, GR, DMX	80300023
☐	POI-15 Wash, RGBW3K, 60°, GR, DMX	80300024
☐	POI-15 Wash, RGBW3K, 100°, GR, DMX	80300025
☐	POI-15 Wash, RGBW3K, 10x60°, GR, DMX	80300026
☐	POI-15 Wash, RGBW3K, 60x10°, GR, DMX	80300027
☐	POI-15 Wash, RGBW3K, 10°, GR, CRMX	80300028
☐	POI-15 Wash, RGBW3K, 25°, GR, CRMX	80300029
☐	POI-15 Wash, RGBW3K, 35°, GR, CRMX	80300030
☐	POI-15 Wash, RGBW3K, 60°, GR, CRMX	80300031
☐	POI-15 Wash, RGBW3K, 100°, GR, CRMX	80300032

☐	POI-15 Wash, RGBW3K, 10x60°, GR, CRMX	80300033
☐	POI-15 Wash, RGBW3K, 60x10°, GR, CRMX	80300034
☐	POI-15 Wash, RGBW3K, 10°, GR, AirGlow	80300035
☐	POI-15 Wash, RGBW3K, 25°, GR, AirGlow	80300036
☐	POI-15 Wash, RGBW3K, 35°, GR, AirGlow	80300037
☐	POI-15 Wash, RGBW3K, 60°, GR, AirGlow	80300038
☐	POI-15 Wash, RGBW3K, 100°, GR, AirGlow	80300039
☐	POI-15 Wash, RGBW3K, 10x60°, GR, AirGlow	80300040
☐	POI-15 Wash, RGBW3K, 60x10°, GR, AirGlow	80300041
☐		
Accessories		Item number
☐	SGM USB uploader cable, POI	83062067
☐	POI-15 Wash Half Anti-glare Shield	83063106
☐	POI-15 Wash Full Anti-glare Shield	83063107
☐	POI-15 Wash Diffuser	83063117
☐		



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