



POI-250 Wash

Colour changing wash light



Description

The POI-250 Wash is the largest fixture 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

- ✓ 11822 lumen & 178881 candela at 4000K calibrated white with 10° lens
- ✓ RGBW quad-chip LEDs with 3000K & 4000K white options
- ✓ Factory colour-calibrated ensuring colour consistency
- ✓ Integrated wireless DMX & AirGlow options
- ✓ Made with recycled aluminium
- ✓ Built-in power supply

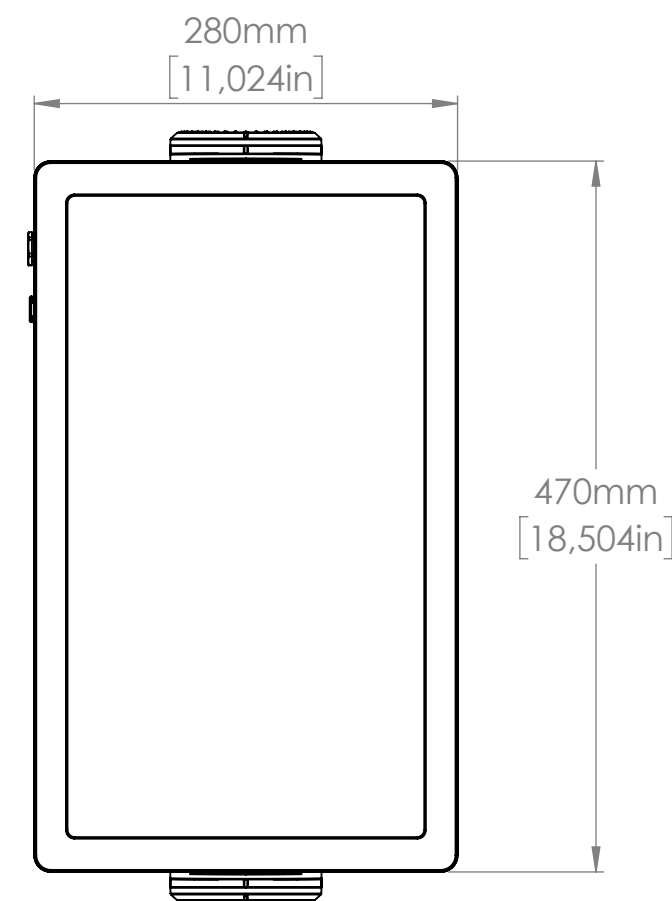
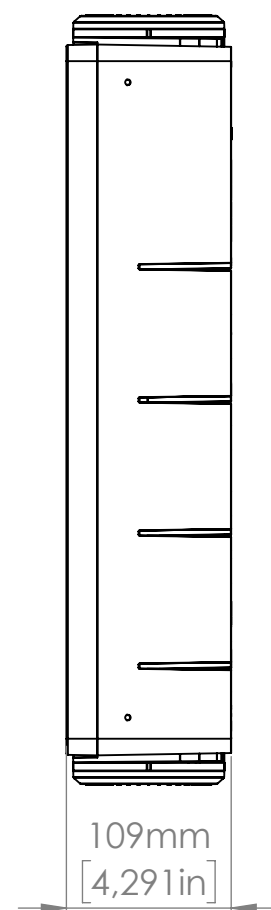
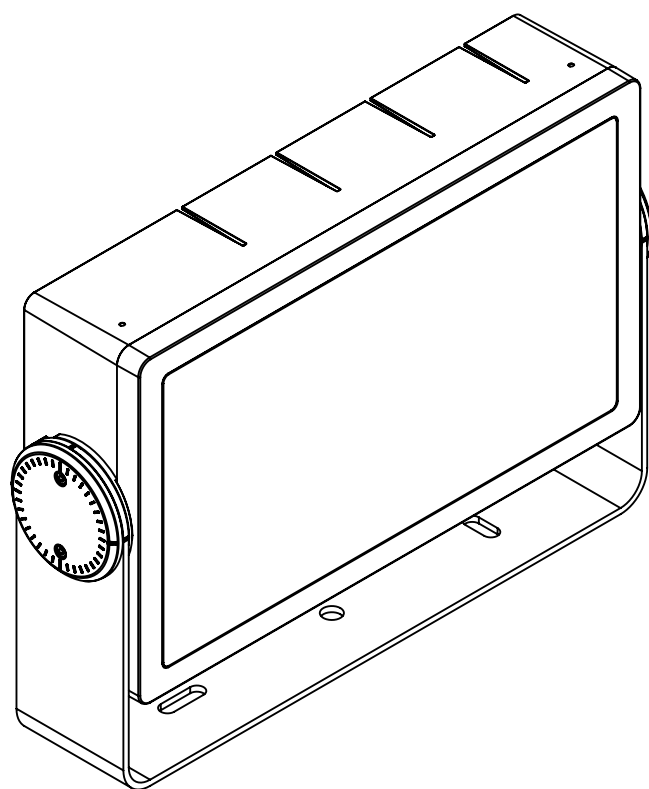
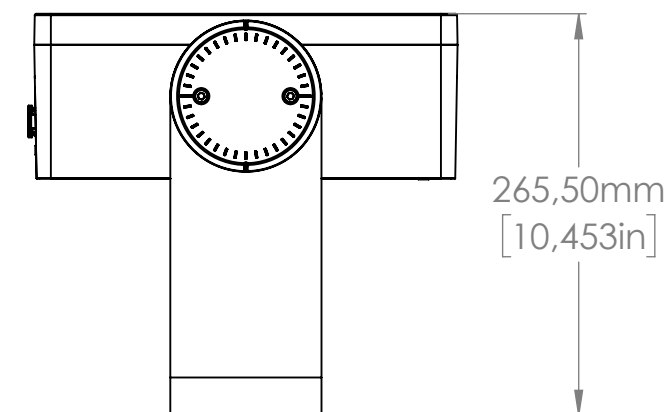
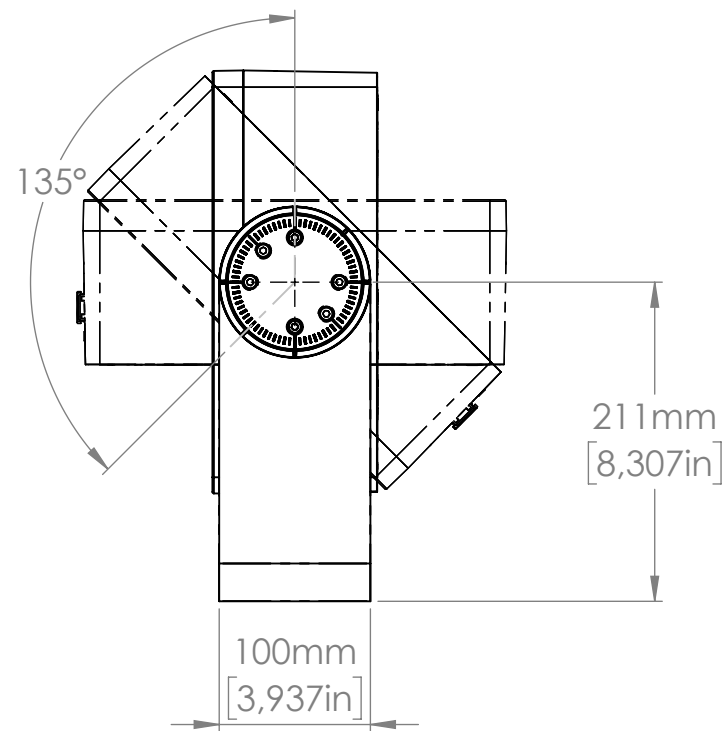
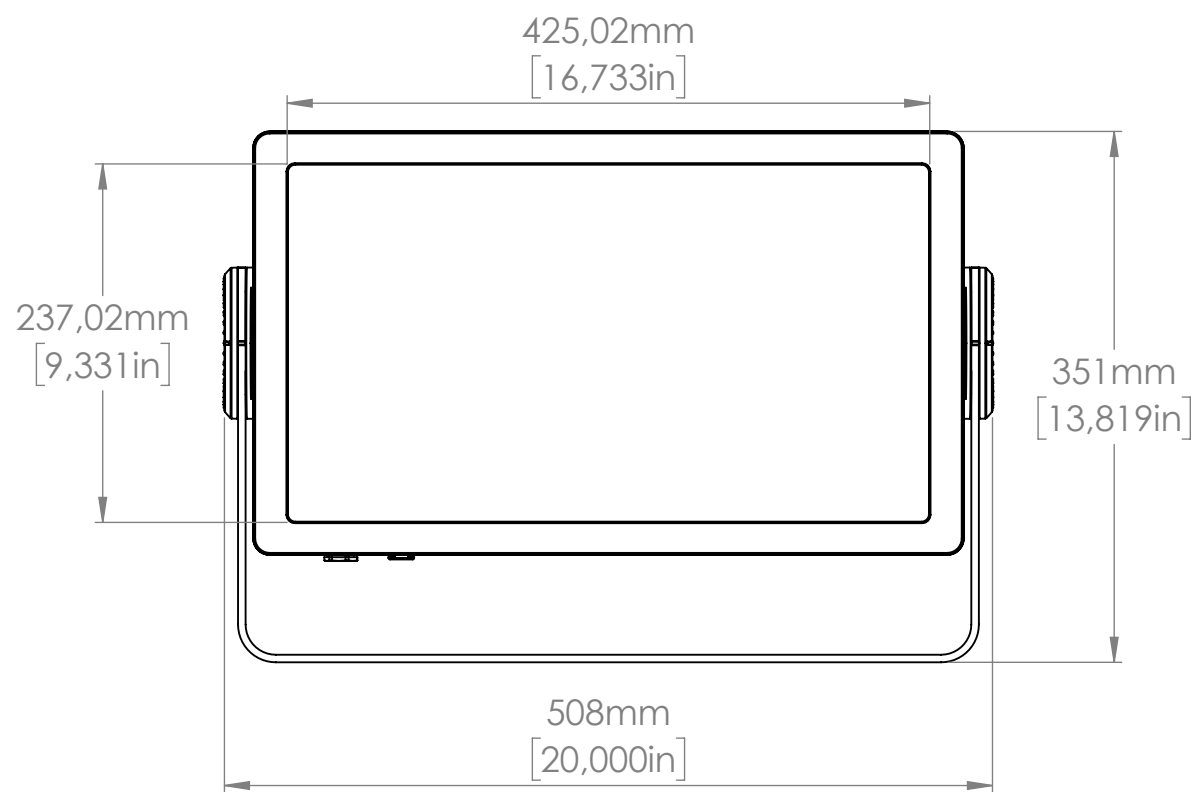
Certifications & classifications

IP66
INGRESS

C5
CORROSION

IK08
IMPACT

UV
RESISTANT



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°
Lightsources	RGBW3K (quad-chip) RGBW4K (quad-chip)
Notes	*: ± 1 nm measurement tolerance. **: Projected. Under manufacturer's conditions. Ta=25°C

Photometric

Center beam intensity	178881 cd*
Color quality - CRI	Up to 80
Color quality - TM-30 (Rf / Rg)	78 / 114
Color temperature range	2000K - 10000K
Efficacy	47 lm/W*
Light output - all on	11822 lm*
Light output - blue	1943 lm
Light output - green	8670 lm
Light output - red	3375 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)	20 x 13.8 x 4.3 inches
Net dimensions L x H x W (metric)	508 x 351 x 109 mm
Net weight	15 kg (33.1 lbs)
Vibration Rating	3G (with optional bracket)

Features	Color calibration	SGM proprietary with TruColor® and DynaMix®
	Remote monitoring	Yes (Real Time via RDM)
Electrical	Electrical protection	4kV surge protection
	Input voltage (nominal)	100 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	60 A
	Max power consumption	250 W
	Standby power consumption	6 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	853 BTU per hour
	Total heat dissipation, standby	20.5 BTU per hour

Ordering information

Qty	Product name	Item number
☐	POI-250 Wash, RGBW4K, 35°, GR, CRMX	80300409
☐	POI-250 Wash, RGBW4K, 60°, GR, CRMX	80300410
☐	POI-250 Wash, RGBW4K, 100°, GR, CRMX	80300411
☐	POI-250 Wash, RGBW4K, 10x60°, GR, CRMX	80300412
☐	POI-250 Wash, RGBW4K, 60x10°, GR, CRMX	80300413
☐	POI-250 Wash, RGBW4K, 10°, GR, AirGlow	80300414
☐	POI-250 Wash, RGBW4K, 25°, GR, AirGlow	80300415
☐	POI-250 Wash, RGBW4K, 35°, GR, AirGlow	80300416
☐	POI-250 Wash, RGBW4K, 60°, GR, AirGlow	80300417
☐	POI-250 Wash, RGBW4K, 100°, GR, AirGlow	80300418
☐	POI-250 Wash, RGBW4K, 10x60°, GR, AirGlow	80300419
☐	POI-250 Wash, RGBW4K, 60x10°, GR, AirGlow	80300420
☐	POI-250 Wash, RGBW3K, 10°, GR, DMX	80300421
☐	POI-250 Wash, RGBW3K, 25°, GR, DMX	80300422
☐	POI-250 Wash, RGBW3K, 35°, GR, DMX	80300423
☐	POI-250 Wash, RGBW3K, 60°, GR, DMX	80300424
☐	POI-250 Wash, RGBW3K, 100°, GR, DMX	80300425
☐	POI-250 Wash, RGBW4K, 10°, GR, DMX	80300400
☐	POI-250 Wash, RGBW4K, 25°, GR, DMX	80300401
☐	POI-250 Wash, RGBW4K, 35°, GR, DMX	80300402
☐	POI-250 Wash, RGBW4K, 60°, GR, DMX	80300403
☐	POI-250 Wash, RGBW4K, 100°, GR, DMX	80300404
☐	POI-250 Wash, RGBW4K, 10x60°, GR, DMX	80300405
☐	POI-250 Wash, RGBW4K, 60x10°, GR, DMX	80300406
☐	POI-250 Wash, RGBW4K, 10°, GR, CRMX	80300407
☐	POI-250 Wash, RGBW4K, 25°, GR, CRMX	80300408
☐	POI-250 Wash, RGBW3K, 10x60°, GR, DMX	80300426
☐	POI-250 Wash, RGBW3K, 60x10°, GR, DMX	80300427
☐	POI-250 Wash, RGBW3K, 10°, GR, CRMX	80300428
☐	POI-250 Wash, RGBW3K, 25°, GR, CRMX	80300429
☐	POI-250 Wash, RGBW3K, 35°, GR, CRMX	80300430
☐	POI-250 Wash, RGBW3K, 60°, GR, CRMX	80300431
☐	POI-250 Wash, RGBW3K, 100°, GR, CRMX	80300432

☐	POI-250 Wash, RGBW3K, 10x60°, GR, CRMX	80300433
☐	POI-250 Wash, RGBW3K, 60x10°, GR, CRMX	80300434
☐	POI-250 Wash, RGBW3K, 10°, GR, AirGlow	80300435
☐	POI-250 Wash, RGBW3K, 25°, GR, AirGlow	80300436
☐	POI-250 Wash, RGBW3K, 35°, GR, AirGlow	80300437
☐	POI-250 Wash, RGBW3K, 60°, GR, AirGlow	80300438
☐	POI-250 Wash, RGBW3K, 100°, GR, AirGlow	80300439
☐	POI-250 Wash, RGBW3K, 10x60°, GR, AirGlow	80300440
☐	POI-250 Wash, RGBW3K, 60x10°, GR, AirGlow	80300441
☐		
	Accessories	Item number
☐	SGM USB uploader cable, POI	83062067
☐	POI-250 Wash Half Anti-glare Shield	83063114
☐	POI-250 Wash Full Anti-glare Shield	83063115
☐	POI-500 Yoke	83063116
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