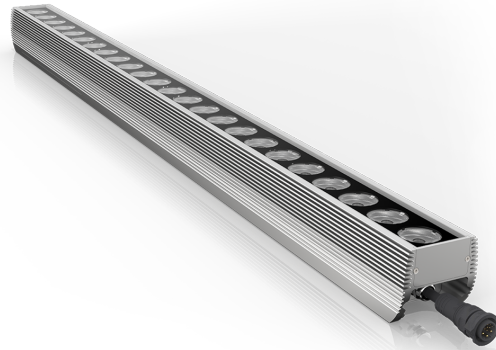




POI-100 Graze

Colour Changing Graze Light



Description

The POI-100 Graze is one of three grazing fixtures in the POI family. It features near-source colour mixing while also delivering enough punch to reach far and illuminate large surfaces, mixing perfectly from top to bottom. The POI-25 Graze comes with a variety of native lens options and features a built-in power supply, making it the perfect fit for both new and retrofit projects. 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

- ✓ 3630 lumen in 4000K calibrated white with 10° lens
- ✓ RGBW quad-chip LED with 3000K & 4000K white options
- ✓ Factory colour-calibrated ensuring colour consistency
- ✓ Combines near-source colour mixing & long-throw grazing
- ✓ 25 W/ft with additional power limiting options
- ✓ Built-in power supply

Certifications & classifications

IP66
INGRESS

C5
CORROSION

IK08
IMPACT

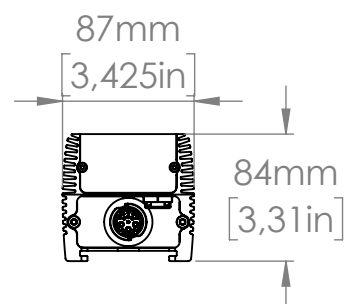
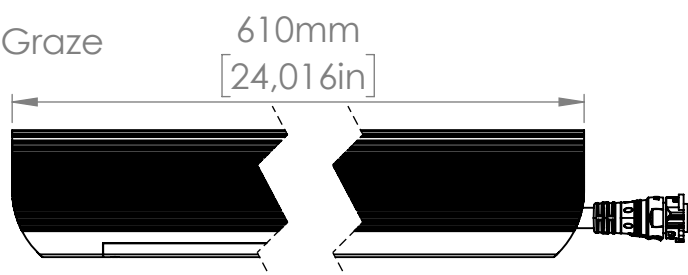
3G
VIBRATION

UV
RESISTANT

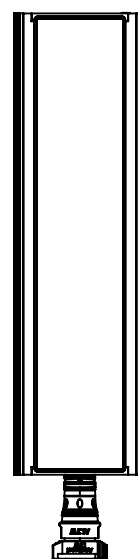
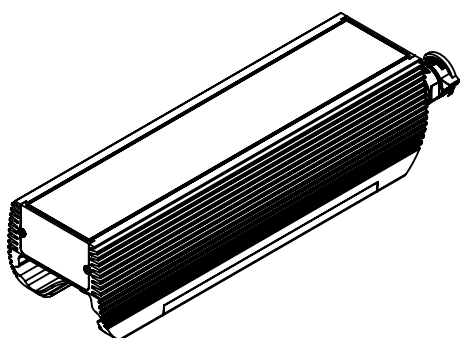
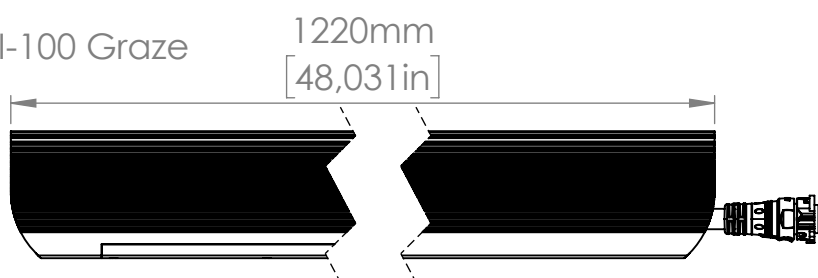
POI-25 Graze



POI-50 Graze



POI-100 Graze



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° 60° 10x60°
Lightsources	RGBW3K (quad-chip) RGBW4K (quad-chip)
Notes	*: ± 1 nm measurement tolerance. **: Projected. Under manufacturer's conditions. Ta=25°C

Photometric

Center beam intensity	47024 cd*
Color quality - CRI	Up to 94
Color quality - TM-30 (Rf / Rg)	91 / 103
Color temperature range	2000K - 10000K
Efficacy	36 lm/W*
Light output - all on	3630 lm*
Light output - blue	705 lm
Light output - green	2613 lm
Light output - red	1633 lm
Notes	*: 4000K calibrated white & 10° lens. LM-79. Ta=25°C.

Physical

Color options	Custom color - Any RAL AluGrey
Corrosion class	C5 High (ISO 12944)
IK rating	IK08
IP class	IP66
Lens material	Tempered glass front
Material	Aluminium
Net dimensions L x H x W (imperial)	48.1 x 3.3 x 3.4 inches
Net dimensions L x H x W (metric)	1220 x 84 x 87 mm
Net weight	10 kg (22.1 lbs)
Vibration Rating	3G (with optional bracket)

Features

Addressable pixels	4
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	Color calibration	SGM proprietary with TruColor® and DynaMix®
	Remote monitoring	Yes (Real Time via RDM)
Electrical	Electrical protection	6kV surge protection
	Input voltage (nominal)	100 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	50 A
	Max power consumption	100 W
Programming and Control	Protocol	USITT DMX512A RDM ANSI E1.20
	Setting and addressing	RDM ANSI E1.20
Connections	Connection	Combined power and DMX cable with multi-pin connector
	Data / Power input	Cable with 3+9 pin X-Lok connector IP68
	Data / Power output	3+9 pin X-Lok connector IP68
Thermal	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	341.2 BTU per hour
Included items	Included items	POI Graze mounting clamp

Ordering information

Qty	Product name	Item number
☐	POI-100 Graze, RGBW4K, 10°, AG	80052002
☐	POI-100 Graze, RGBW4K, 25°, AG	80052005
☐	POI-100 Graze, RGBW4K, 35°, AG	80052008
☐	POI-100 Graze, RGBW4K, 60°, AG	80052014
☐	POI-100 Graze, RGBW3K, 35°, AG	80052050
☐	POI-100 Graze, RGBW3K, 60°, AG	80052056
☐	POI-100 Graze, RGBW3K, 100°, AG	80052059
☐	POI-100 Graze, RGBW4K, 100°, AG	80052017
☐	POI-100 Graze, RGBW4K, 10x60°, AG	80052020
☐	POI-100 Graze, RGBW4K, 10°, CU	80052023
☐	POI-100 Graze, RGBW4K, 25°, CU	80052026
☐	POI-100 Graze, RGBW4K, 35°, CU	80052029
☐	POI-100 Graze, RGBW4K, 60°, CU	80052035
☐	POI-100 Graze, RGBW4K, 100°, CU	80052038
☐	POI-100 Graze, RGBW4K, 10x60°, CU	80052041
☐	POI-100 Graze, RGBW3K, 10°, AG	80052044
☐	POI-100 Graze, RGBW3K, 25°, AG	80052047
☐	POI-100 Graze, RGBW3K, 10x60°, AG	80052062
☐	POI-100 Graze, RGBW3K, 10°, CU	80052065
☐	POI-100 Graze, RGBW3K, 25°, CU	80052068
☐	POI-100 Graze, RGBW3K, 35°, CU	80052071
☐	POI-100 Graze, RGBW3K, 60°, CU	80052077
☐	POI-100 Graze, RGBW3K, 100°, CU	80052080
☐	POI-100 Graze, RGBW3K, 10x60°, CU	80052083
☐		
Accessories		Item number
☐	SGM USB uploader cable, POI	83062067
☐	POI Graze Adjustable Wall Mount Short	83060502
☐	POI Graze Adjustable Wall Mount Long	83060504
☐	POI Graze Adjustable Surface Mount	83060505
☐	POI Power and Data Extension Cable (1m)	83062070
☐	POI Y-split Power Insertion Cable	83062077
☐	POI Power and Data Extension Cables (5m)	83062072

☐	POI Power and Data Leader Cable (10m)	83062074
☐	POI Power and Data Leader Cable (2.5m)	83062073
☐	POI Power and Data Extension Cable (2.5m)	83062071
☐	POI-100 Graze Adjustable Anti-glare Shield	83060508
☐	POI Graze Mounting Clamp	83060506
☐		



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