



i-1 Linear RGBW 1 ft POI

Color Changing Linear Grazing



Description

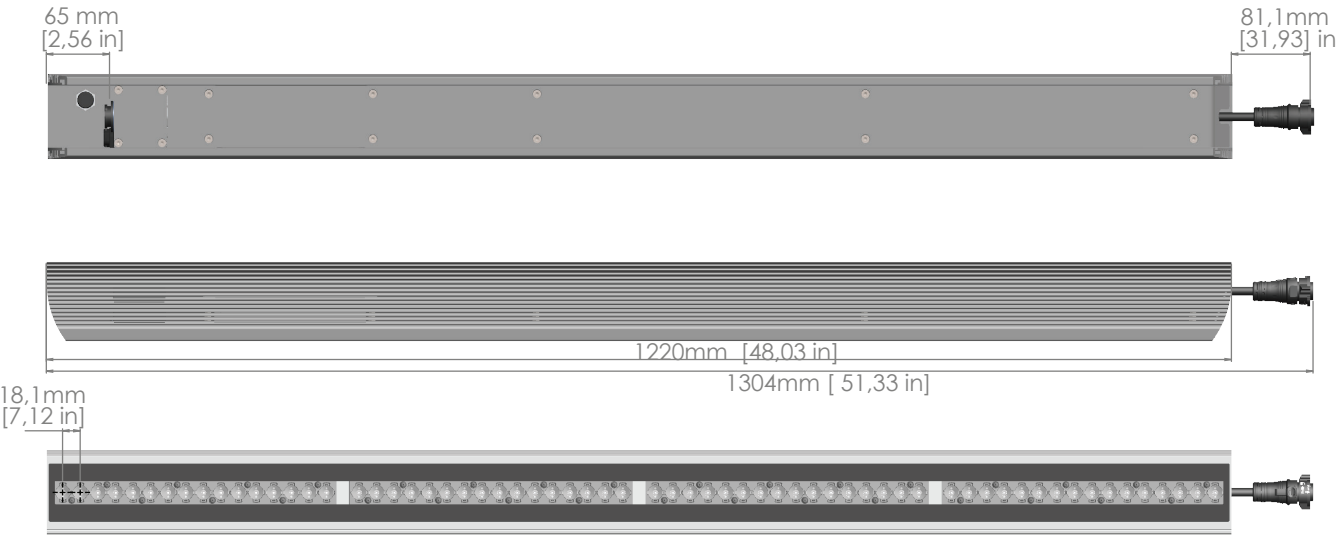
The i-1 Linear and i-1 Linear X is a system of high-performance linear grazing and wash fixtures. By combining a wide range of fixture performance options with a revolutionary new dynamic drive engine, the i-1 is a game-changer for grazing and façade applications.

Features and benefits

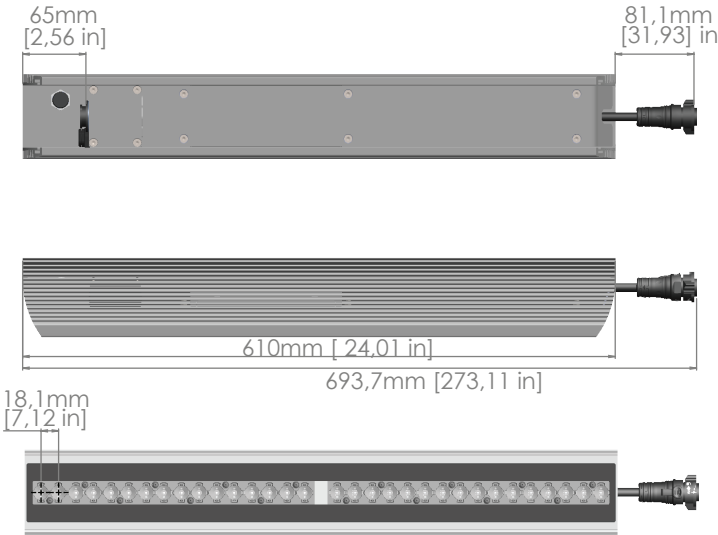
- ✓ High-performance RGBW LED light source
- ✓ IK09 Impact Resistance
- ✓ 8.5° - 60° native conical beam angle with asymmetric and elliptical options
- ✓ DMX control with RDM
- ✓ C5 Corrosion Resistance
- ✓ Dynamic LED drive for maximum power and efficiency in any color

Certifications & classifications

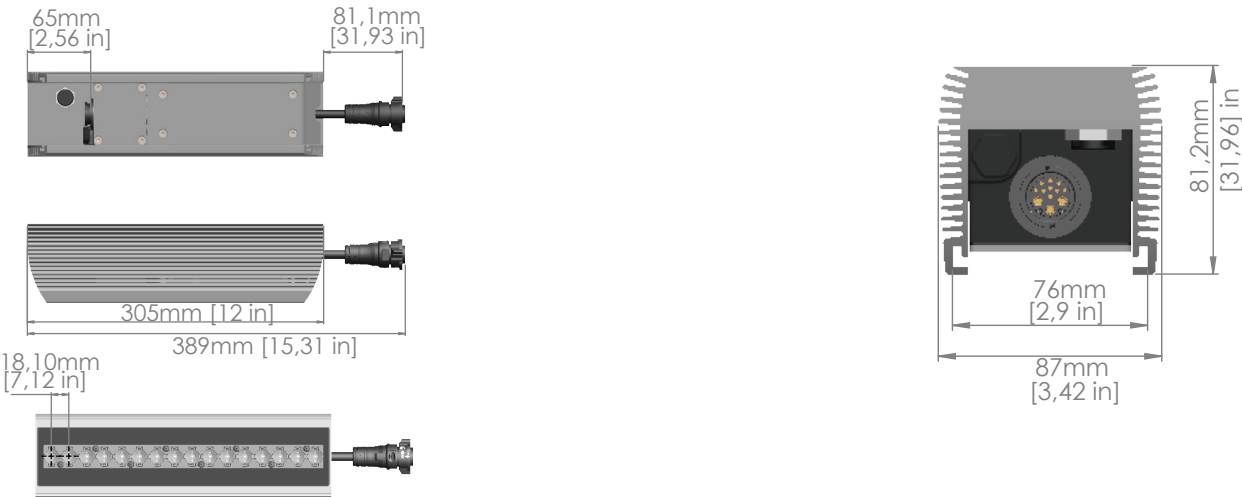
i-1 LINEAR 4FT



i-1 LINEAR 2FT



i-1 LINEAR 1FT



All dimensions in millimeters and inches. Drawing not to scale

Specification

Optical Data	Lens diameter	16.1 mm
	Native lens options	8.5° 11° 29° 60° 39x12° 38x13° Asymmetric
Physical	Color options	Custom color - Any RAL AluGrey
	Corrosion class	C5 (ISO 12944:2018)
	Effective Projected Area	0.26 Square ft
	IK rating	IK09
	IP class	IP66
	Lens material	Tempered glass front
	Material	Aluminium
	Net dimensions inches	12 x 3.2 x 3.4 inches
	Net weight	2.9 kg (6.4 lbs)
Features	Color calibration	SGM proprietary with Dynamic Drive
	Dehumidifier	Head
	Remote monitoring	Yes (Real Time)
Electrical	Electrical protection	Overload protection with automatic recover
	Input voltage, absolute max. rating	100 - 305 VAC; 50 / 60 Hz
	Input voltage, nominal	115 - 277 VAC; 50 / 60 Hz
	Max inrush current 230VAC	50 A
	Max power consumption	20 W
	Power Supply Unit	Inbuilt IP 67 Auto-ranging electronic switch-mode
	Standby power consumption	1 W
Programming and Control	16-bit control	Dimmer, Red, Green, Blue, White
	Data distribution	SGM Power and Data Joiner
	DMX channels	3, 4, 6, 8, 10
	DMX modes	6
	Protocol	USITT DMX512A RDM ANSI E1.20
	Setting and addressing	i-1 Configuration Tool

Connections	Data / Power input	Cable with 3+9 pin X-Lok connector IP68
	Data / Power output	3+9 pin X-Lok connector IP68
Installation	Mounting point	Sliding extrusion clamp in any location
	Orientation	Any
Thermal	Cooling	Passive
	Humidity (max.)	98 %
	Temperature range, operating max	50 °C
	Temperature range, operating min	-40 °C
	Thermal protection	Automatic overtemperature protection
	Total heat dissipation, max power	68.2 BTU per hour
	Total heat dissipation, standby	3.4 BTU per hour
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 EN 55024 EN 55032 EN 55035
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1 EN 62471 EN 60529

Ordering information

Qty	Product name	Item number
☐	i-1 L, 1ft, RGBW, 11° POI, AG	80050500
☐	i-1 L, 1ft, RGBW, 8.5°, POI, AG	80050506
☐	i-1 L, 1ft, RGBW, 29°, POI, AG	80050509
☐	i-1 L, 1ft, RGBW, 60°, POI, AG	80050512
☐	i-1 L, 1ft, RGBW, 10x33°, AG	80050515
☐	i-1 L, 1ft, RGBW, 10x60°, AG	80050518
☐	i-1 L, 1ft, RGBW, Asym, AG	80050521
☐	i-1 L, 1ft, RGBW, 8.5°, POI, BL	80050542
☐	i-1 L, 1ft, RGBW, 11° POI, BL	80050545
☐	i-1 L, 1ft, RGBW, 60°, POI, BL	80050548
☐	i-1 L, 1ft, RGBW, 29°, POI, BL	80050551
☐	i-1 L, 1ft, RGBW, 10x33°, BL	80050554
☐	i-1 L, 1ft, RGBW, 10x60°, BL	80050557
☐	i-1 L, 1ft, RGBW, Asym, BL	80050560
☐	i-1 L, 1ft, RGBW, 8.5°, POI, CU	80050584
☐	i-1 L, 1ft, RGBW, 11° POI, CU	80050587
☐	i-1 L, 1ft, RGBW, 29°, POI, CU	80050590
☐	i-1 L, 1ft, RGBW, 60°, POI, CU	80050593
☐	i-1 L, 1ft, RGBW, 10x33°, CU	80050596
☐	i-1 L, 1ft, RGBW, 10x60°, CU	80050599
☐	i-1 L, 1ft, RGBW, Asym, CU	80050602
☐		
	Accessories	Item number
☐	i-1 Linear Adjustable Wall Mount Short	83060502
☐	i-1 Linear Adjustable Wall Mount Long	83060504
☐	i-1 L Adjustable Surface Mount	83060505
☐		



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