



R-2 RGBW

Color LED Rail Light



Description

With the introduction of the innovative R-2 LED rail light series, SGM has revolutionized rail lights, as we know them today. The new lighting concept gives the user full control and offers a unique and personal experience; whether it is installed in a museum, an exhibition, a center, a hall, a trade show, a club, a shop, or any other application.

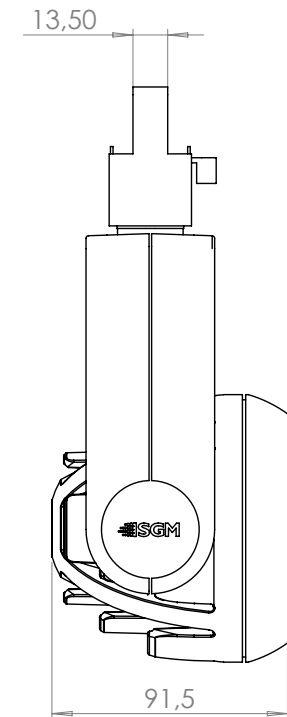
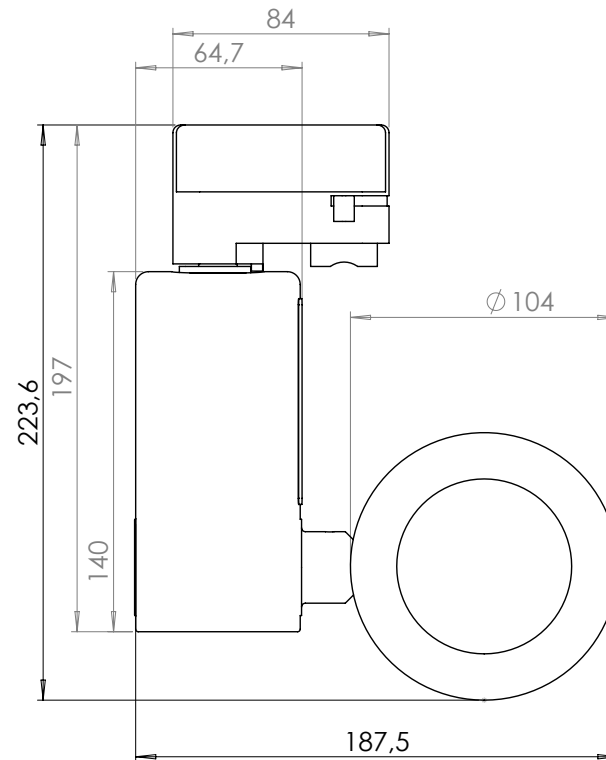
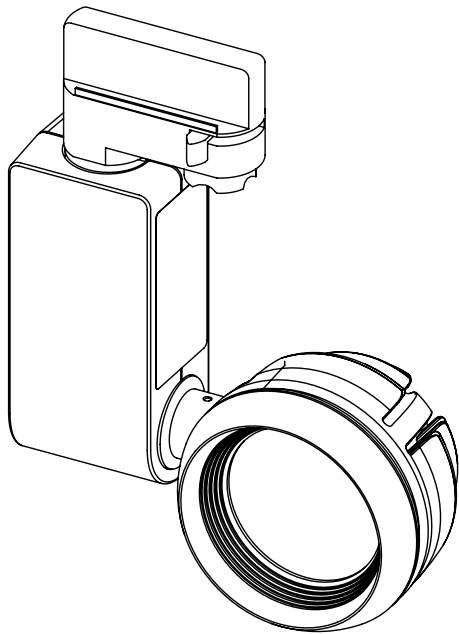
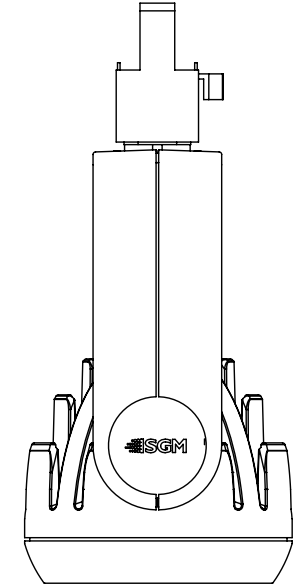
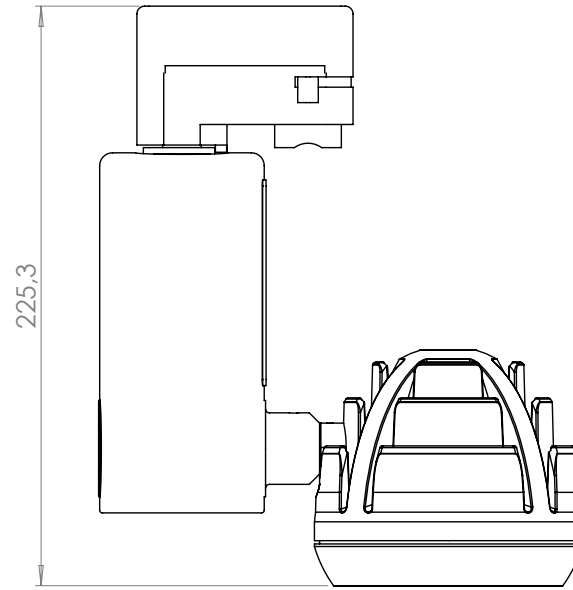
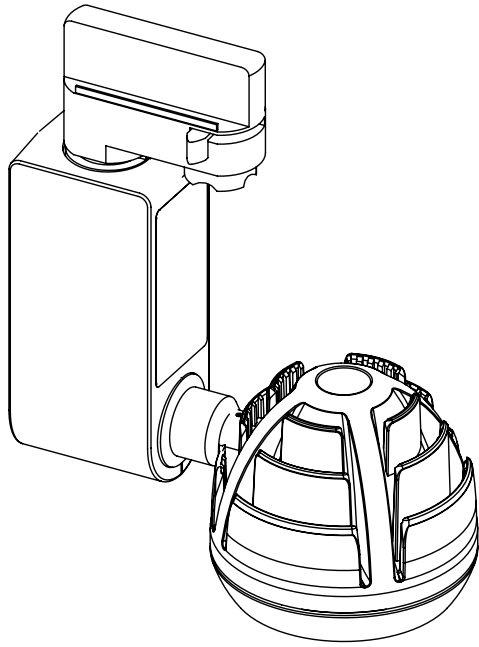
Features and benefits

- ✓ RGBW LED rail light
- ✓ Optional black or white housings
- ✓ Wireless control via DMX
- ✓ Low power consumption
- ✓ Interchangeable lens option 13°/35°
- ✓ Easy retrofitting via track adapter system
- ✓ Full user control; preset programs
- ✓ Firmware updates via wireless

Certifications & classifications

RoHS





Specification

Optical Data	LED expected lifetime	50,000 hours
	Lens	13° 35°
	Lightsources	RGBW
Photometric	Beam angle(s)	35° (with 35° lens) 13° (with 13° lens)
	Color temperature range	2000K - 10000K
	CRI typical	82
	Efficacy	35 lm/W
	Light output all LEDs on	1095 lm
	Light output blue	123 lm
	Light output green	358 lm
	Light output red	332 lm
	Lux @ 10m	100 lux
	Lux @ 5m	399 lux
	Maximum Field Angle	71 °
	Minimum Field Angle	33 °
Physical	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	IP class	IP20
	Lens material	PMMA
	Material	Aluminium Stainless Steel ABS
	Net dimensions	224 x 187 mm
	Net dimensions inches	8.8 x 7.4 inches
	Net weight	1 kg (2.2 lbs)
Features	Dimming	Electronic
	Pan	330°
	Tilt	270°
Electrical	AC power, max.	90 - 264V 50/60Hz
	AC Power, nominal	100 - 240V 50/60Hz
	Electrical Protection	Overload protection with automatic recover
	Max power consumption	42 W

	Power factor	0.9 PF (230 V)
	Power Supply Unit	Auto-ranging electronic switch-mode
	Typical power consumption	37 W
Programming and Control	DMX channels	3
	DMX modes	1
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S
	Wireless DMX	Lumen Radio CORMX
Connections	Power	Track mount adapter
Installation	Compatibility	Global
	Mounting point	3-circuit track system
	Orientation	Any
Thermal	Cooling	Passive
	Humidity (max.)	95 %
	Temperature range, Operating	-10°C to 40°C
	Thermal Protection	Automatic overtemperature protection
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-1
		EN 55103-2
		EN 55015
		EN 61547
		EN 61000-3-2
		EN 61000-3-3
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1
		EN 60598-2-17
		EN 62471
	RoHS2 Directive	2011/65/EU

NOTES:

Due to continuous improvements and innovations, specifications may change without notice.

LEDs' expected lifetime provided by manufacturer and obtained under manufacturer's test conditions.

Zoom range defined as a minimum beam angle to a maximum field angle.

Photometric measurements obtained with Goniometer Scan / SGM Illumination Lab 1.6.0.0.

Lumen output in pixel products is calculated.

Ordering information

Qty	Product name	Item number
☐	R-2 RGBW, BL, 13deg, GB67	84010134
☐	R-2 RGBW, BL, 35deg, GB67	84010138
☐	R-2 RGBW, WH, 13deg	84010103
☐	R-2 RGBW, BL, 13deg	84010104
☐	R-2 RGBW, WH, 35deg	84010119
☐	R-2 RGBW, BL, 35deg	84010120
☐	R-2 RGBW, WH, 13deg, Eutrac	84010123
☐	R-2 RGBW, BL, 13deg, Eutrac	84010124
☐	R-2 RGBW, WH, 13°, GB67	84010133
☐	R-2 RGBW, WH, 35°, GB67	84010137
☐	R-2 RGBW, WH, 35deg, Eutrac	84010127
☐	R-2 RGBW, BL, 35deg, Eutrac	84010128
☐		
	Accessories	Item number
☐	R-2 Front Glass, 35°	36704010
☐	C-5	
☐		



SGM Light A/S

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

Mail info@sgmlight.com

Website sgmlight.com