

Date		Project	
Type		Part Number	



SABRE Series

8ft Linear Strip

ORDERING INFORMATION

Order Code	R33019
Model Number	RENO-LSN8-DV-MW-MCCT
Case Quantity	1
DLC / Energy Star ID	S-F8KWGX Direct Linear Ambient Luminaires S-BD9243 Low-Bay Luminaires for Commercial and Industrial Buildings S-5H2VSL Stairwell and Passageway Luminaires



PHYSICAL DATA

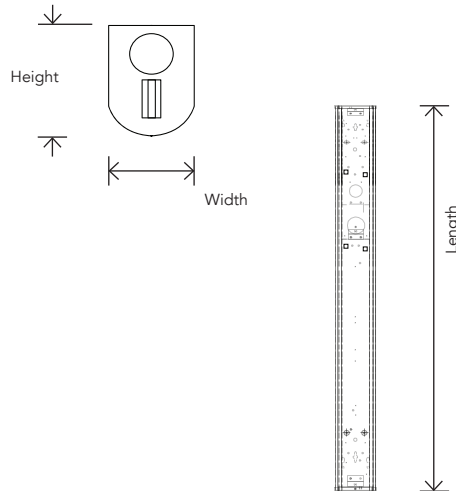
Dimensions	92.9" x 2.6" x 2.7" (235.97 cm x 6.60 cm x 6.86 cm)
Lens / Diffuser	Frosted PMMA Polycarbonate
Case / Housing	Powder Coated Steel (White)
Mounting Type(s)	Suspended, Surface mounted

PERFORMANCE DATA

Wattage	48/68/90W
Voltage	120-347V AC
CCT	35/40/5000K (Typical range+/-5%)
Lumen	7,843 - 15,390 lm
Efficacy	161.4-173 lm/W
CRI	>80
Lifespan	L70 100,000 hrs, INESA LM-80 testing report: 9,000 hrs (INESA TM-21 extrapolations)
Dimming	0-10V
Power Factor	>0.9
THD	20%
Operating Temperature	-40°C ~ +50°C (-40°F ~ +122°F) - See table for more details

Wattage	3500K		4000K		5000K		Voltage
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	
48W	7,843 lm	163.4 lm/W	8,304 lm	173 lm/W	7,872 lm	164 lm/W	120-347V
68W	11,043 lm	162.4 lm/W	11,696 lm	172 lm/W	11,084 lm	163 lm/W	120-347V
90W	14,526 lm	161.4 lm/W	15,390 lm	171 lm/W	14,580 lm	162 lm/W	120-347V

DIMENSIONS



Width: 23.5" (597 mm)

Height: 2.0" (50.8 mm)

Length: 92.9" (2359.7 mm)

Weight: 10 lbs (4.54 kg)

ACCESSORIES

Order#	Name / Description
R39501	L-Bracket for 90° Installation
R39502	I-Bracket for straight continuous Installation
R39504	Wire Guard
R39204	Aircraft Suspension Cables
R83004	Internal Mount Emergency LED Driver (100-347V AC, 50-60Hz, 8W)

STANDALONE SENSORS

Order#	Name / Description
R74004	Long Detection Range PIR Sensor
R75102	Adjustable "L" Angle Adaptor for 3.5mm Jack Sensors
R73002	Remote Control for Standalone Sensors (With Screen) Note: Only 1 needed per project.
R73005	Remote Control for Standalone sensors (Without Screen) Note: Only 1 needed per project

RENO SMART ACCESSORIES

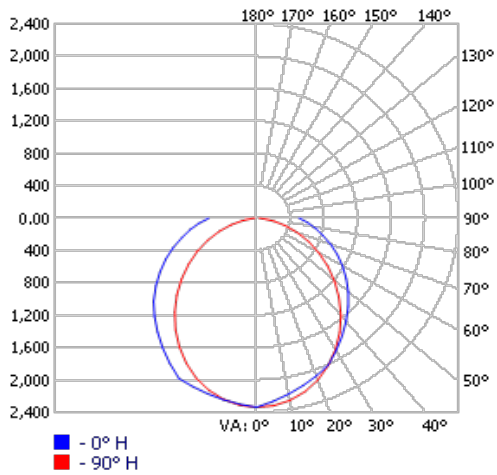
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor (*Requires R75102)
R75002	Bluetooth 3.5mm Jack Microwave Sensor (*Requires R75102)
R75102*	Adjustable "L" Angle Adaptor for 3.5mm Jack Sensors
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75302	7-Key Smart Wall Switch for RENO Smart NLC System
R75301	5-Key Reset Remote Controller

RENO-LSN8-DV-MW-MCCT | INDIVIDUAL SPECSHEET

PHOTOMETRICS

48W	4000K	7,136.0 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	1,762.7	24.7
0-40	2,874.7	40.3
0-60	5,105.3	71.5
60-90	2,030.7	28.5
0-90	7,136.0	100

ILLUMINANCE AT A DISTANCE

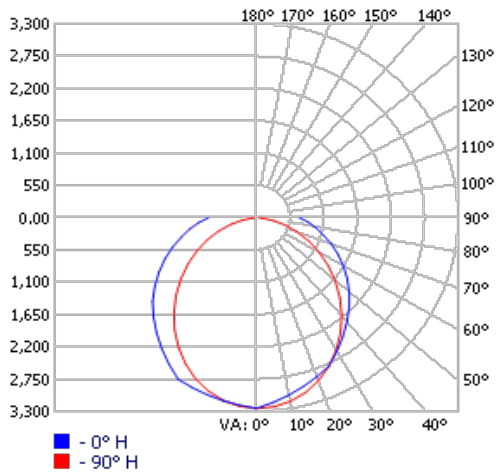
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	146.09 fc	15.8 / 9.7 ft
8.0 ft	36.52 fc	31.6 / 19.4 ft
12.0 ft	16.23 fc	47.4 / 29.1 ft
16.0 ft	9.13 fc	63.2 / 38.9 ft
20.0 ft	5.84 fc	79.0 / 48.6 ft

Vertical Spread: 126.3° | Horizontal Spread: 101.1°

See IES Files for details.

68W	4000K	9,911.2 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	2,448.2	24.7
0-40	3,992.6	40.3
0-60	7,090.8	71.5
60-90	2,820.4	28.5
0-90	9,911.2	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	202.91 fc	15.8 / 9.7 ft
8.0 ft	50.73 fc	31.6 / 19.4 ft
12.0 ft	22.55 fc	47.4 / 29.1 ft
16.0 ft	12.68 fc	63.2 / 38.9 ft
20.0 ft	8.12 fc	79.0 / 48.6 ft

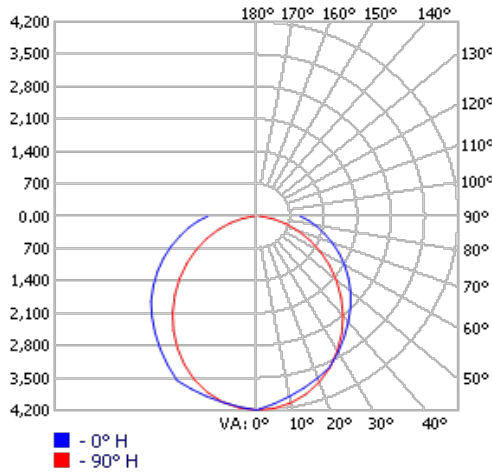
Vertical Spread: 126.3° | Horizontal Spread: 101.1°

See IES Files for details.

PHOTOMETRICS (CONTINUED)

90W	4000K	12,804.1 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	3,162.8	24.7
0-40	5,158.0	40.3
0-60	9,160.5	71.5
60-90	3,643.7	28.5
0-90	12,804.1	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	262.13 fc	15.8 / 9.7 ft
8.0 ft	65.53 fc	31.6 / 19.4 ft
12.0 ft	29.13 fc	47.4 / 29.1 ft
16.0 ft	16.38 fc	63.2 / 38.9 ft
20.0 ft	10.49 fc	79.0 / 48.6 ft

Vertical Spread: 126.3° | Horizontal Spread: 101.1°

See IES Files for details.

SPECIFIER CONFIRMATION

Order#	Quantity	Price
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I accept the specifications of the luminaire configuration.

Signature	Company
Name	Date