

Date		Project	
Type		Part Number	



ZENITH Series

Linear Highbay

ORDERING INFORMATION

Order Code	R34111
Model Number	RENO-LHB2-DV-MW-MCCT-R1
Case Quantity	1
DLC / Energy Star ID	S-Y5GG1D High-Bay Luminaires for Commercial & Industrial Buildings



PHYSICAL DATA

Dimensions	25.5" x 14.6" x 2.0" (64.77 cm x 37.08 cm x 5.08 cm)
Lens / Diffuser	Frosted PMMA Polycarbonate
Case / Housing	Powder Coated Steel (White)
Mounting Type(s)	Suspended, Surface mounted, Pendant

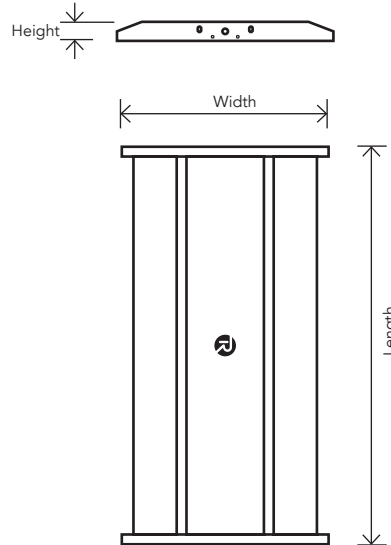
PERFORMANCE DATA

Wattage	100/125/140W
Voltage	120-347V AC
CCT	35/40/5000K (Typical range+/-5%)
Lumen	17,000-23,800 lm
Efficacy	160.5-177 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%
Surge Protection	10kV
Operating Temperature	-40°F to +122°F (-40°C to +50°C) - See table for more details

Wattage	3500K		4000K		5000K		Voltage
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	
100W	17,000 lm	170 lm/W	17,700 lm	177 lm/W	17,100 lm	171 lm/W	120-347V
125W	20,625 lm	165 lm/W	21,625 lm	173 lm/W	20,750 lm	166 lm/W	120-347V
140W	22,470 lm	160.5 lm/W	23,800 lm	170 lm/W	22,540 lm	161 lm/W	120-347V

DIMENSIONS

Width:	14.6" (370.8 mm)
Height:	2.0" (50.8 mm)
Length:	25.5" (647.7 mm)
Weight:	11 lbs (4.98 kg)



ACCESSORIES

Order#	Name / Description
R39301	Center Box for Pendant Mounting
R39305	Connection Kit for ganging Highbays R1
R39303	Wire guards for linear Highbays R1
R83002	Emergency LED Driver (100-347V AC, 50-60Hz, 25W)

STANDALONE SENSORS

Order#	Name / Description
R71002	Bi-level Microwave Sensor
R74004	Long Detection Range PIR Sensor
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

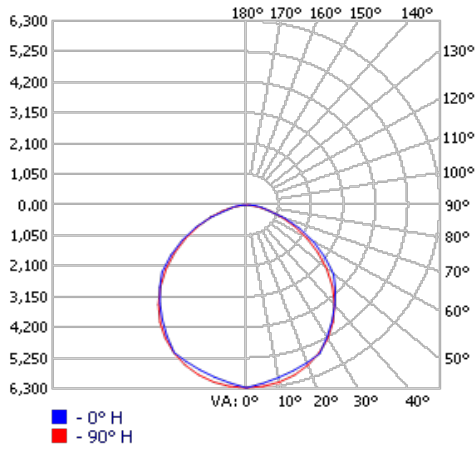
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75302	7-Key Smart Wall Switch for RENO Smart NLC System
R75301	5-Key Reset Remote Controller

RENO-LHB2-DV-MW-MCCT-R1 | INDIVIDUAL SPECSHEET

PHOTOMETRICS

100W	4000K	16,539.0 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	4,777.9	28.9
0-40	7,791.2	47.1
0-60	13,496.1	81.6
60-90	3,043.0	18.4
0-90	16,539.0	100

ILLUMINANCE AT A DISTANCE

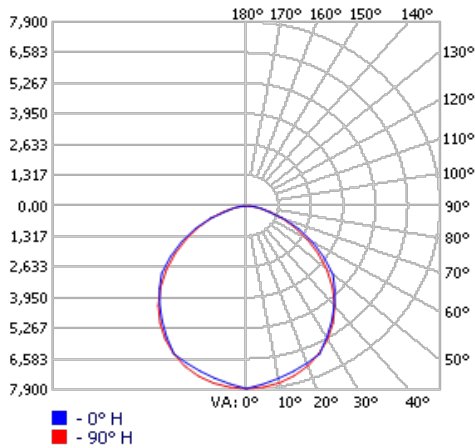
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	391.75 fc	11.1 / 10.40 ft
8.0 ft	97.94 fc	22.3 / 20.8 ft
12.0 ft	43.53 fc	33.4 / 31.2 ft
16.0 ft	24.48 fc	44.5 / 41.6 ft
20.0 ft	15.67 fc	55.7 / 52.0 ft

Vertical Spread: 108.6° | Horizontal Spread: 104.9°

See IES Files for details.

125W	4000K	20,716.4 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	5,989.0	28.9
0-40	9,765.8	47.1
0-60	16,913.4	81.6
60-90	3,803.0	18.4
0-90	20,716.4	100

ILLUMINANCE AT A DISTANCE

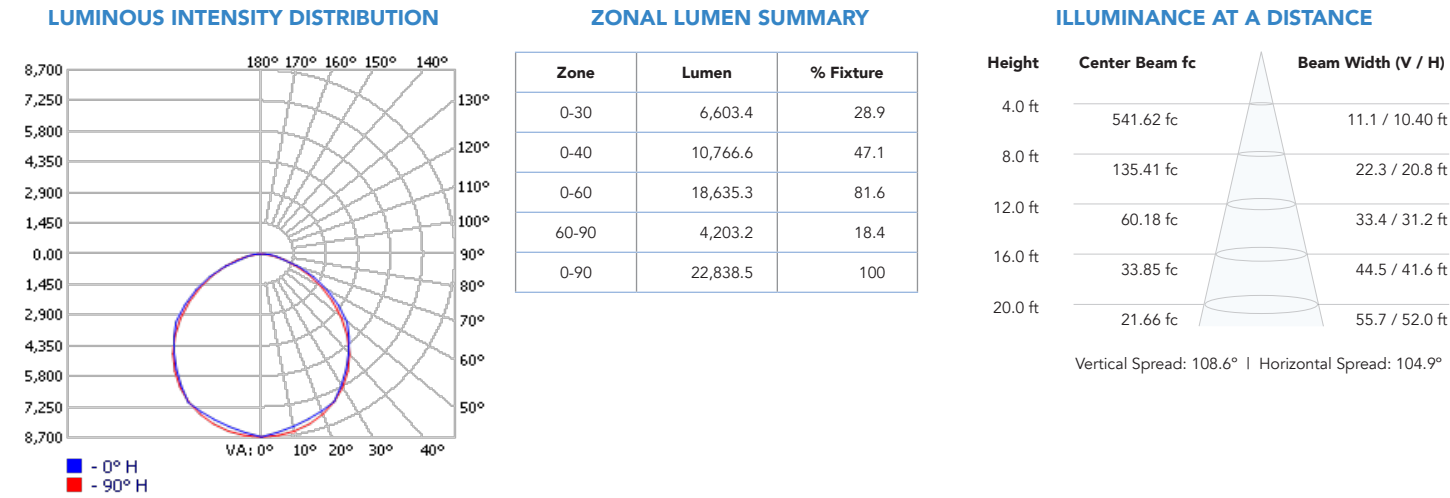
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	491.06 fc	11.1 / 10.40 ft
8.0 ft	122.77 fc	22.3 / 20.8 ft
12.0 ft	54.56 fc	33.4 / 31.2 ft
16.0 ft	30.69 fc	44.5 / 41.6 ft
20.0 ft	19.64 fc	55.7 / 52.0 ft

Vertical Spread: 108.6° | Horizontal Spread: 104.9°

See IES Files for details.

PHOTOMETRICS (CONTINUED)

140W	4000K	22,838.5 lm
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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