

Date		Project	
Type		Part Number	



APEX Series

ECO Linear Highbay

ORDERING INFORMATION

Order Code	R34141
Model Number	RENO-LHB-DV-MW-MCCT-R1-ECO
Case Quantity	1
DLC / Energy Star ID	Pending



PHYSICAL DATA

Dimensions	14.7" x 11.02" x 2.7" (37.34 cm x 28.00 cm x 6.85 cm)
Lens / Diffuser	Polycarbonate
Case / Housing	Powder-Coated Die-Cast Aluminum (White)
Mounting Type(s)	Suspended, Surface mounted, Pendant

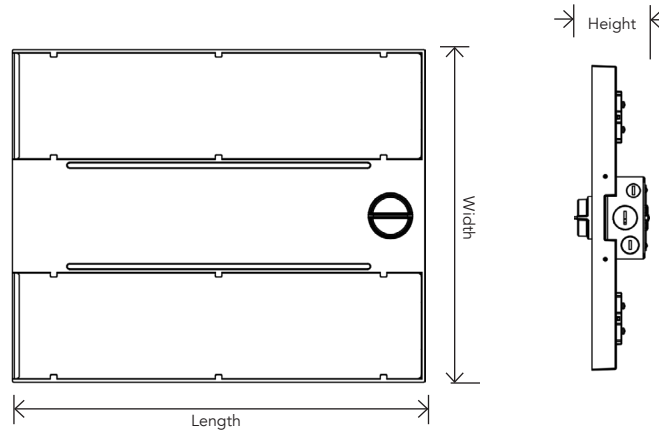
PERFORMANCE DATA

Wattage	80/100/120W
Voltage	120-347V AC
CCT	35/40/5000K (Typical range+/-5%)
Lumen	11,920-18,360 lm
Efficacy	144-156 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	10
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) - See table for more details

Wattage	3500K		4000K		5000K		Voltage
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	
80W	11,920 lm	149 lm/W	12,480 lm	156 lm/W	12,240 lm	153 lm/W	120-347V
100W	14,600 lm	146 lm/W	15,500 lm	155 lm/W	15,000 lm	150 lm/W	120-347V
120W	17,280 lm	144 lm/W	18,360 lm	153 lm/W	17,520 lm	146 lm/W	120-347V

DIMENSIONS

Width: 11.02" (280 mm)
 Height: 2.7" (68.65 mm)
 Length: 14.7" (360 mm)
 Weight: 5.3 lbs (2.4 kg)



ACCESSORIES

Order#	Name / Description
R39334	40 ° x90 ° Lens for R1Highbay (2pcs/set)
R39337	65 ° x65 ° Lens for R1Highbay (2pcs/set)
R39340	110 ° x110 ° Lens for R1 Highbay (2pcs/set)
R39343	Pendant Mount Kit
R39344	Surface Mount Kit
R39331	Wire Guard for R1 Highbay
R83002	External Mount Emergency Driver, 25W Output, ≥90 Minutes Operating Time
R83012	Fixture-Mounted Junction Box for Emergency Battery

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.
R74004	Remote Control for Standalone Sensors (Without Screen) Note: Only 1 needed per project.

RENO SMART ACCESSORIES

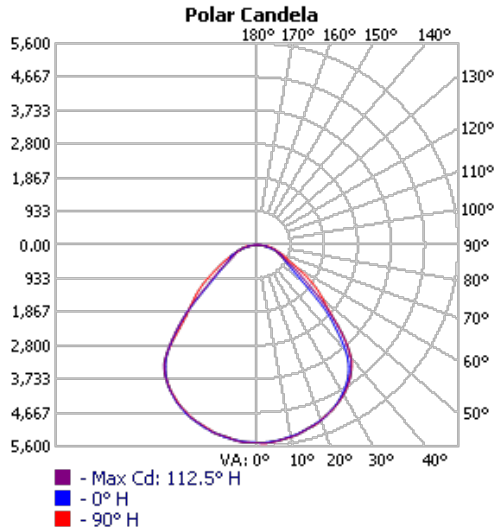
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75302	7-Key Smart Wall Switch for RENO Smart NLC System
R75301	5-Key Reset Remote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

****All Reno Smart Sensors are programmed/commissioned using our Reno Smart App**

PHOTOMETRICS

80W	4000K	12,318 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	4,322.8	35.1
0-40	7,087.7	57.5
0-60	10,756.6	87.3
60-90	1,561.3	12.7
0-90	12,318.0	100

ILLUMINANCE AT A DISTANCE

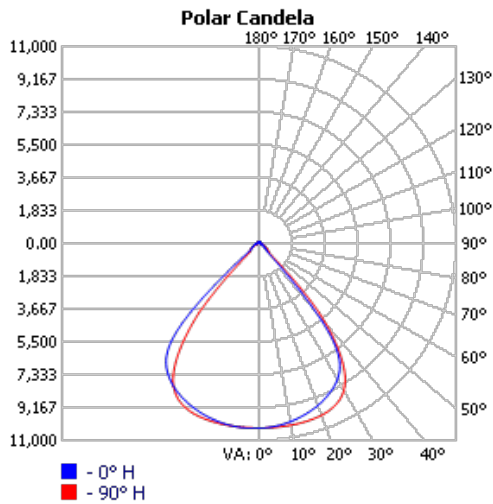
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	343.44 fc	8.2 / 8.4 ft
8.0 ft	85.86 fc	16.8 / 16.4 ft
12.0 ft	38.16 fc	24.6 / 25.2 ft
16.0 ft	21.47 fc	32.8 / 33.6 ft
20.0 ft	13.74 fc	41.0 / 41.9 ft

Vertical Spread: 91.4° | Horizontal Spread: 92.7°

See IES Files for details.

100W	4000K	14,980 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	5,257.4	35.1
0-40	8,619.6	57.5
0-60	13,080.6	87.3
60-90	1,900.0	12.7
0-90	14,980.6	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	417.73 fc	8.2 / 8.4 ft
8.0 ft	104.43 fc	16.8 / 16.4 ft
12.0 ft	46.41 fc	24.6 / 25.2 ft
16.0 ft	26.11 fc	32.8 / 33.6 ft
20.0 ft	16.71 fc	41.0 / 41.9 ft

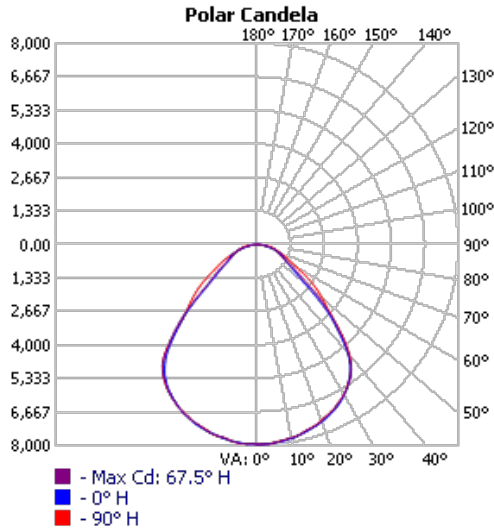
Vertical Spread: 91.4° | Horizontal Spread: 92.7°

See IES Files for details.

PHOTOMETRICS (CONTINUED)

120W	4000K	17,808 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	6,249.5	35.1
0-40	10,245.9	57.5
0-60	15,543.6	87.3
60-90	2,264.5	12.7
0-90	17,808.0	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	496.81 fc	8.2 / 8.4 ft
8.0 ft	124.20 fc	16.8 / 16.4 ft
12.0 ft	55.20 fc	24.6 / 25.2 ft
16.0 ft	31.05 fc	32.8 / 33.6 ft
20.0 ft	19.87 fc	41.0 / 41.9 ft

Vertical Spread: 91.4° | Horizontal Spread: 92.7°

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