

Date		Project	
Type		Part Number	

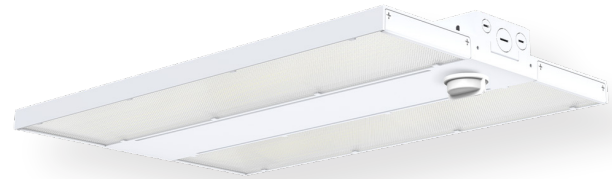


APEX Series

ECO Linear Highbay

ORDERING INFORMATION

Order Code	R34142
Model Number	RENO-LHB-DV-MW-MCCT-R2-ECO
Case Quantity	1
DLC / Energy Star ID	Pending



PHYSICAL DATA

Dimensions	19.06" x 12.6" x 2.7" (48.41 cm x 32.00 cm x 6.85 cm)
Lens / Diffuser	Polycarbonate
Case / Housing	Powder-Coated Die-Cast Aluminum (White)
Mounting Type(s)	Suspended, Surface mounted, Pendant

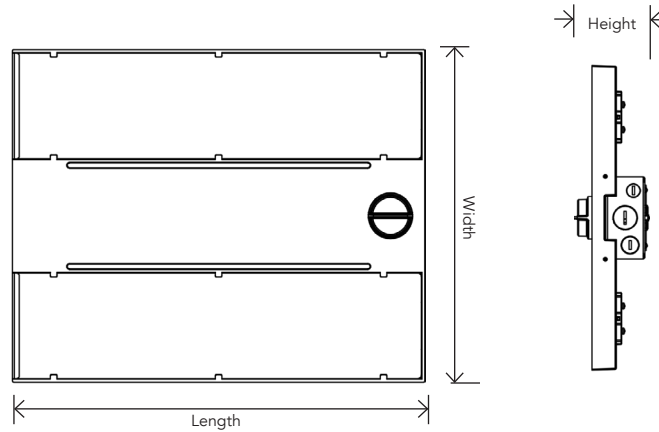
PERFORMANCE DATA

Wattage	120/140/165W
Voltage	120-347V AC
CCT	35/40/5000K (Typical range+/-5%)
Lumen	18,600-26,235 lm
Efficacy	149-162 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	
120W	18,600 lm	155 lm/W	19,440 lm	162 lm/W	18,720 lm	156 lm/W	120-347V
140W	21,280 lm	152 lm/W	22,400 lm	160 lm/W	21,420 lm	153 lm/W	120-347V
165W	24,585 lm	149 lm/W	26,235 lm	159 lm/W	24,915 lm	151 lm/W	120-347V

DIMENSIONS

Width: 12.6" (320 mm)
Height: 2.7" (68.65 mm)
Length: 19.06" (484 mm)
Weight: 7.9 lbs (3.58 kg)



ACCESSORIES

Order#	Name / Description
R39335	40 ° x 90 ° Lens for R2 Highbay (2pcs/set)
R39338	65 ° x 65 ° Lens for R2 Highbay (2pcs/set)
R39341	110 °x 110 ° Lens for R2 Highbay (2pcs/set)
R39343	Pendant Mount Kit
R39344	Surface Mount Kit
R39332	Wire Guard for R2 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

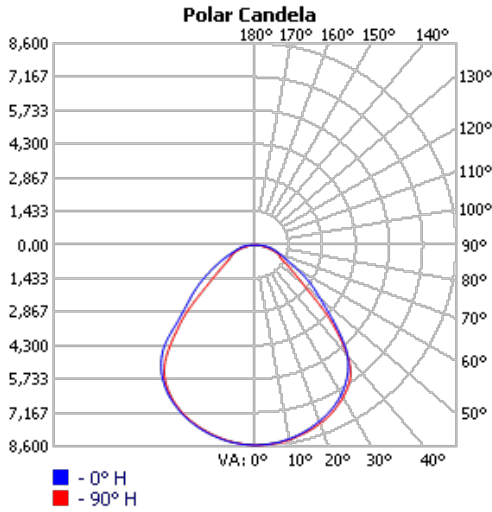
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75302	7-Key Smart Wall Switch for RENO Smart NLC System
R75301	5-Key Reset Remote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

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

PHOTOMETRICS

120W	4000K	19,175 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	6,715.9	35.0
0-40	11,002.1	57.4
0-60	16,706.7	87.1
60-90	2,468.4	12.9
0-90	19,175.1	100

ILLUMINANCE AT A DISTANCE

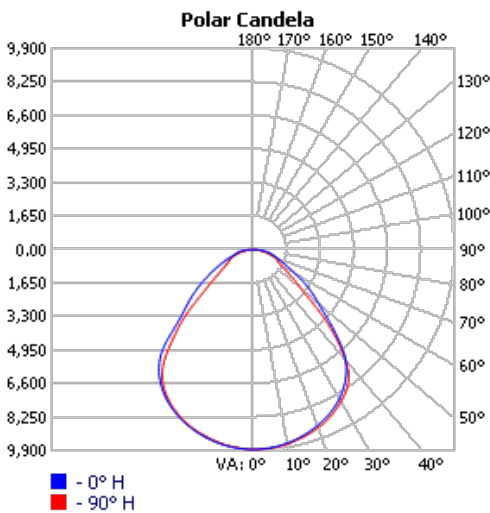
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	534.41 fc	8.6 / 8.1 ft
8.0 ft	133.60 fc	17.2 / 16.2 ft
12.0 ft	59.38 fc	24.3 / 25.9 ft
16.0 ft	33.40 fc	32.4 / 34.5 ft
20.0 ft	21.38 fc	41.5 / 43.1 ft

Vertical Spread: 94.3° | Horizontal Spread: 90.7°

See IES Files for details.

140W	4000K	22,075 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	7,732.7	35.0
0-40	12,668.1	57.4
0-60	19,235.9	87.1
60-90	2,840.0	12.9
0-90	22,075.9	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	615.36 fc	8.6 / 8.1 ft
8.0 ft	153.84 fc	17.2 / 16.2 ft
12.0 ft	68.37 fc	24.3 / 25.9 ft
16.0 ft	38.46 fc	32.4 / 34.5 ft
20.0 ft	24.61 fc	41.5 / 43.1 ft

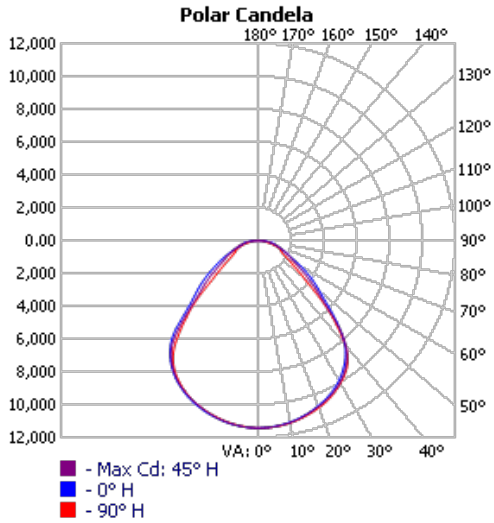
Vertical Spread: 94.3° | Horizontal Spread: 90.7°

See IES Files for details.

PHOTOMETRICS (CONTINUED)

165W	4000K	25,616 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	8,976.0	35.0
0-40	14,704.2	57.4
0-60	22,321.5	87.1
60-90	3,295.2	12.9
0-90	25,616.7	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	714.19 fc	8.6 / 8.1 ft
8.0 ft	178.55 fc	17.2 / 16.2 ft
12.0 ft	79.35 fc	24.3 / 25.9 ft
16.0 ft	44.64 fc	32.4 / 34.5 ft
20.0 ft	28.57 fc	41.5 / 43.1 ft

Vertical Spread: 94.3° | Horizontal Spread: 90.7°

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