

Date		Project	
Type		Part Number	

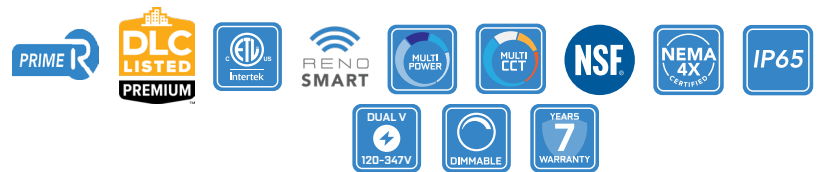


ORION Series

UFO Highbay

ORDERING INFORMATION

Order Code	R34214
Model Number	RENO-HBU-120W-DV-MCCT-G2-R1
Case Quantity	1
DLC / Energy Star ID	S-GTDAIL High-Bay Luminaires for Commercial & Industrial Buildings



PHYSICAL DATA

Dimensions	6" x Ø10.8" (15.24 cm x 27.43 cm)
Lens / Diffuser	Polycarbonate
Case / Housing	Powder Coated Aluminum (Black)
Mounting Type(s)	Suspended, Surface mounted, Pendant

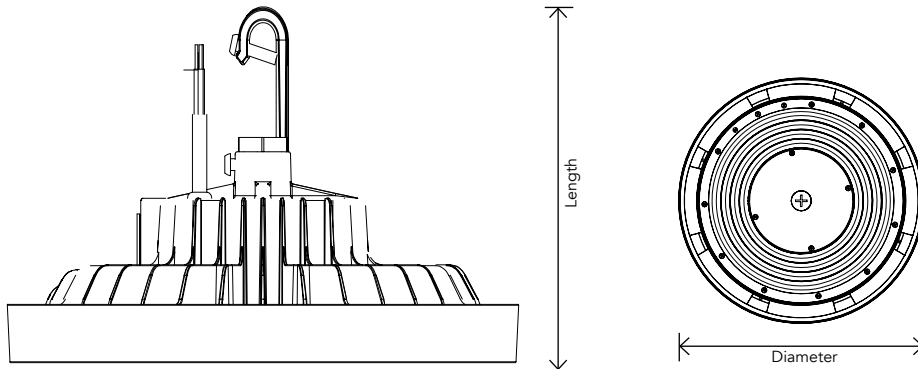
PERFORMANCE DATA

Wattage	60/80/100/120W
Voltage	120-347V AC
CCT	30/40/5000K (Typical range+/-5%)
Lumen	10,471 - 19,827 lm
Efficacy	151-182 lm/W
CRI	>80
Lifespan	L70 70,000 hrs, INESA LM-80 testing report: 9,000 hrs (INESA TM-21 extrapolations)
Dimming	0-10V
Power Factor	>0.9
THD	20%
Surge Protection	8
Operating Temperature	-20°C ~ +50°C (4°F ~ +120°F) - See table for more details

Wattage	3000K		4000K		5000K		Voltage
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	
60W	10,471.2 lm	174.5 lm/W	10,941.1 lm	182.4 lm/W	10,913.4 lm	181.9 lm/W	120-347V
80W	13,503.4 lm	168.7 lm/W	14,301.0 lm	178.8 lm/W	14,079.8 lm	175.9 lm/W	120-347V
100W	15,971.4 lm	159.7 lm/W	17,135.9 lm	171.4 lm/W	16,717.2 lm	167.2 lm/W	120-347V
120W	18,172.2 lm	151.4 lm/W	19,827.6 lm	165.2 lm/W	19,758.7 lm	164.7 lm/W	120-347V

DIMENSIONS

Diameter: Ø10.8" (275 mm)
Length: 5.8" (146.7 mm)
Weight: 5.5 lbs (2.49 kg)



ACCESSORIES

Order#	Name / Description
R39601	PC Reflector Lens for R1/R2 UFO HIGHBAY
R39602	PC Reflector bottom cover for R1/R2 UFO HIGHBAY
R34601	Yoke Mount for UFO HIGHBAY
R83005	Emergency LED Driver (100-347V AC, 50-60Hz, 40W)

STANDALONE SENSORS

Order#	Name / Description
R71002	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

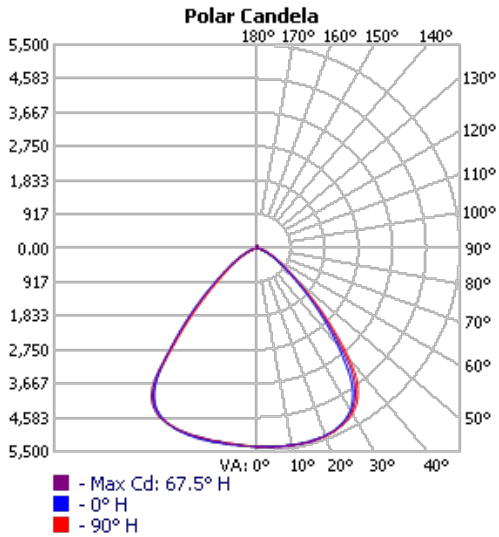
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75301	5-Key Reset Remote
R75302	7-Key Smart Wall Switch for RENO Smart NLC System

RENO-HBU-120W-DV-MCCT-G2-R1 | INDIVIDUAL SPECSHEET

PHOTOMETRICS

60W	4000K	10,941.1 lm
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LUMINOUS INTENSITY DISTRIBUTION



See IES Files for details.

ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	4,497.3	41.1
0-40	7,387.1	67.5
0-60	10,237.7	93.6
60-90	568.5	5.2
70-100	160.3	1.5
90-120	19.8	0.2
0-90	10,806.1	98.8
90-180	135.0	1.2
0-180	10,941.1	100

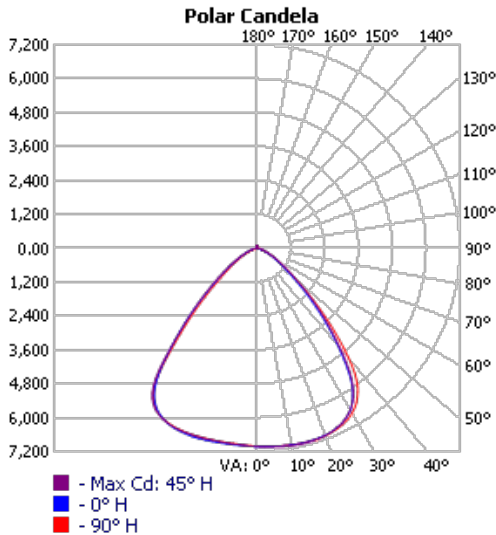
ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	335.86 fc	7.1 / 7.7 ft
8.0 ft	83.96 fc	14.2 / 15.3 ft
12.0 ft	37.32 fc	21.3 / 23.0 ft
16.0 ft	20.99 fc	28.4 / 30.7 ft
20.0 ft	13.43 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

80W	4000K	14,301.0 lm
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LUMINOUS INTENSITY DISTRIBUTION



See IES Files for details.

ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	5,877.1	41.1
0-40	9,654.0	67.5
0-60	13,381.8	93.6
60-90	742.5	5.2
70-100	209.3	1.5
90-120	26.0	0.2
0-90	14,124.3	98.8
90-180	176.7	1.2
0-180	14,301.0	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	438.78 fc	7.1 / 7.7 ft
8.0 ft	109.69 fc	14.2 / 15.3 ft
12.0 ft	48.75 fc	21.3 / 23.0 ft
16.0 ft	27.42 fc	28.4 / 30.7 ft
20.0 ft	17.55 fc	38.3 / 35.5 ft

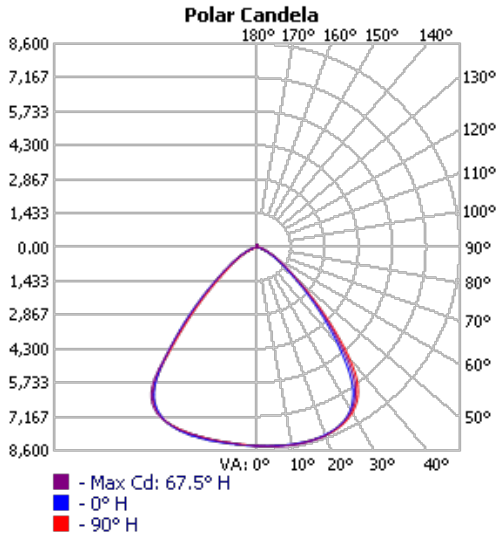
Vertical Spread: 83.3° | Horizontal Spread: 87.5°

RENO-HBU-120W-DV-MCCT-G2-R1 | INDIVIDUAL SPECSHEET

PHOTOMETRICS (CONTINUED)

100W	4000K	17,135.9 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	7,040.7	41.1
0-40	11,566.2	67.5
0-60	16,035.4	93.6
60-90	888.8	5.2
70-100	250.6	1.5
90-120	31.3	0.2
0-90	16,924.2	98.8
90-180	211.7	1.2
0-180	17,135.9	100

ILLUMINANCE AT A DISTANCE

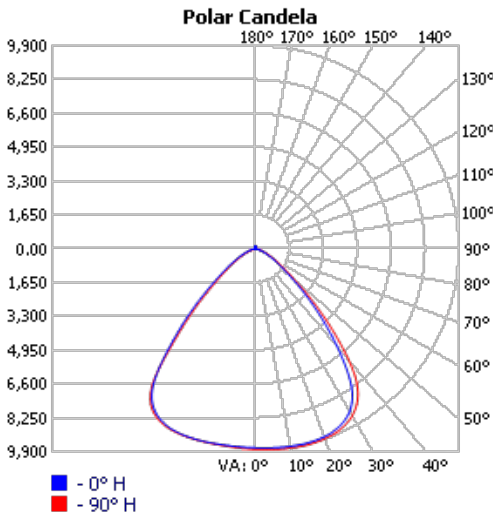
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	525.41 fc	7.1 / 7.7 ft
8.0 ft	131.35 fc	14.2 / 15.3 ft
12.0 ft	58.38 fc	21.3 / 23.0 ft
16.0 ft	32.84 fc	28.4 / 30.7 ft
20.0 ft	21.02 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

120W	4000K	19,827.6 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	8,146.7	41.1
0-40	13,383.1	67.5
0-60	18,553.3	93.6
60-90	1,027.9	5.2
70-100	290.0	1.5
90-120	36.6	0.2
0-90	19,581.1	98.8
90-180	246.5	1.2
0-180	19,827.6	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	606.67 fc	7.1 / 7.7 ft
8.0 ft	151.67 fc	14.2 / 15.3 ft
12.0 ft	67.41 fc	21.3 / 23.0 ft
16.0 ft	37.92 fc	28.4 / 30.7 ft
20.0 ft	24.27 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

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