

Date		Project	
Type		Part Number	

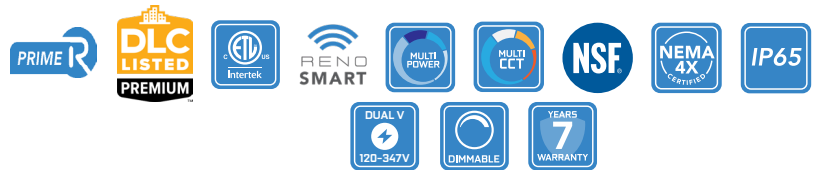


ORION Series

UFO Highbay

ORDERING INFORMATION

Order Code	R34216
Model Number	RENO-HBU-250W-DV-MCCT-G2-R3
Case Quantity	1
DLC / Energy Star ID	S-3VIETJ High-Bay Luminaires for Commercial & Industrial Buildings



PHYSICAL DATA

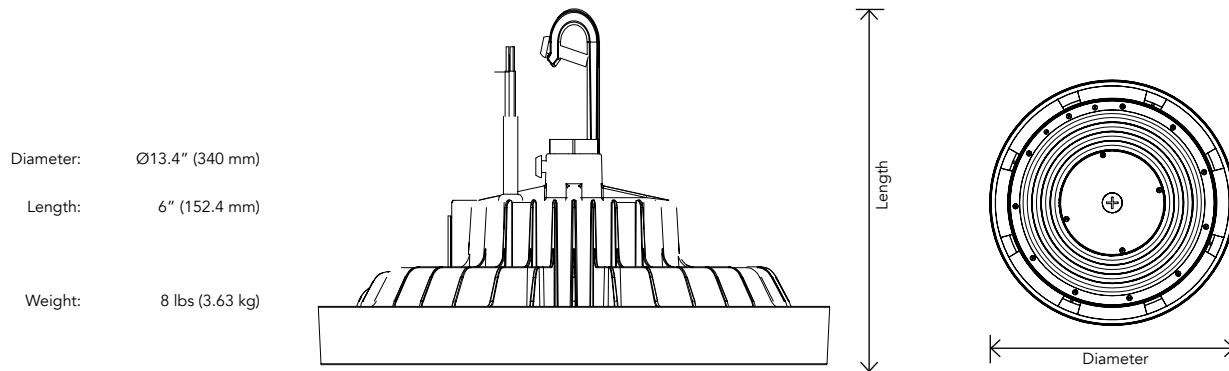
Dimensions	6" x Ø13.4" (15.24 cm x 34.04 cm)
Lens / Diffuser	Polycarbonate
Case / Housing	Powder Coated Aluminum (Black)
Mounting Type(s)	Suspended, Surface mounted, Pendant

PERFORMANCE DATA

Wattage	120/160//200/250W
Voltage	120-347V AC
CCT	30/40/5000K (Typical range+/-5%)
Lumen	20,306 - 39,105 lm
Efficacy	146-175 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	
120W	20,306 lm	169.2 lm/W	21,015.5 lm	175.1 lm/W	20,931.5 lm	174.4 lm/W	120-347V
160W	26,279.3 lm	164.2 lm/W	27,422.7 lm	171.4 lm/W	26,654.5 lm	166.6 lm/W	120-347V
200W	31,100.1 lm	155.5 lm/W	32,941.4 lm	164.7 lm/W	31,868.2 lm	159.3 lm/W	120-347V
250W	36,521.3 lm	146.1 lm/W	39,104.6 lm	156.4 lm/W	38,705.2 lm	154.8 lm/W	120-347V

DIMENSIONS



ACCESSORIES

Order#	Name / Description
R39603	PC Reflector Lens for R3/R4 UFO HIGHBAY
R39605	PC Reflector bottom cover for R3/R4 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

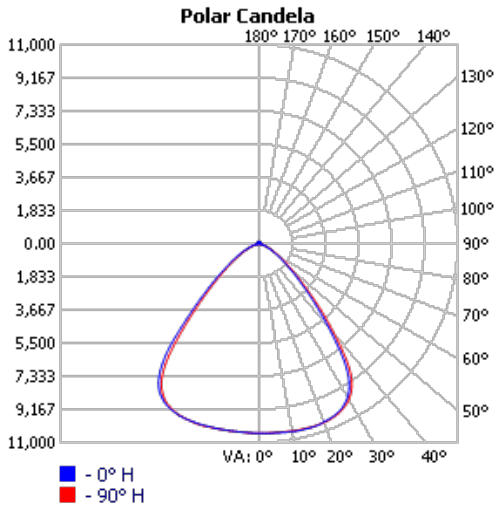
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75301	5-Key Reset Remote
R75302	7-Key Smart Wall Switch for RENO Smart NLC System

RENO-HBU-250W-DV-MCCT-G2-R3 | INDIVIDUAL SPECSHEET

PHOTOMETRICS

120W	4000K	21,015.5 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	8,767.5	41.7
0-40	14,298.4	68
0-60	19,631.7	93.4
60-90	1,133.2	5.4
70-100	332.8	1.6
90-120	36.8	0.2
0-90	20,764.9	98.8
90-180	250.5	1.2
0-180	21,015.5	100

ILLUMINANCE AT A DISTANCE

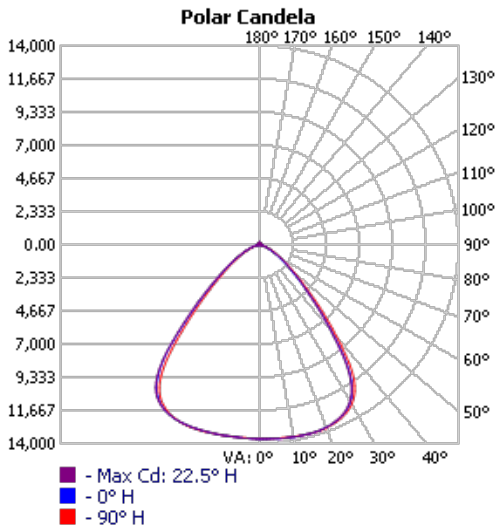
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	654.51 fc	7.1 / 7.7 ft
8.0 ft	163.63 fc	14.2 / 15.3 ft
12.0 ft	72.72 fc	21.3 / 23.0 ft
16.0 ft	40.91 fc	28.4 / 30.7 ft
20.0 ft	26.18 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

160W	4000K	27,422.7 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	11,435.8	41.7
0-40	18,651.7	68
0-60	25,614.5	93.4
60-90	1,476.8	5.4
70-100	433.8	1.6
90-120	49.1	0.2
0-90	27,091.3	98.8
90-180	331.4	1.2
0-180	27,422.7	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	854.73 fc	7.1 / 7.7 ft
8.0 ft	213.68 fc	14.2 / 15.3 ft
12.0 ft	94.97 fc	21.3 / 23.0 ft
16.0 ft	53.42 fc	28.4 / 30.7 ft
20.0 ft	34.19 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

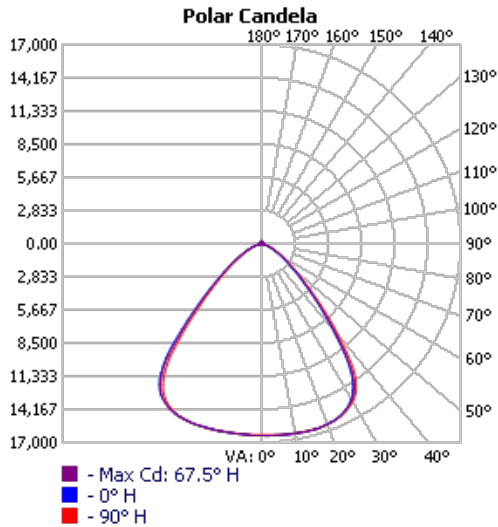
See IES Files for details.

RENO-HBU-250W-DV-MCCT-G2-R3 | INDIVIDUAL SPECSHEET

PHOTOMETRICS (CONTINUED)

200W	4000K	32,941.4 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	13,711.1	41.7
0-40	22,380.4	68
0-60	30,764.9	93.4
60-90	1,776.8	5.4
70-100	521.5	1.6
90-120	59.0	0.2
0-90	32,541.8	98.8
90-180	399.7	1.2
0-180	32,941.4	100

ILLUMINANCE AT A DISTANCE

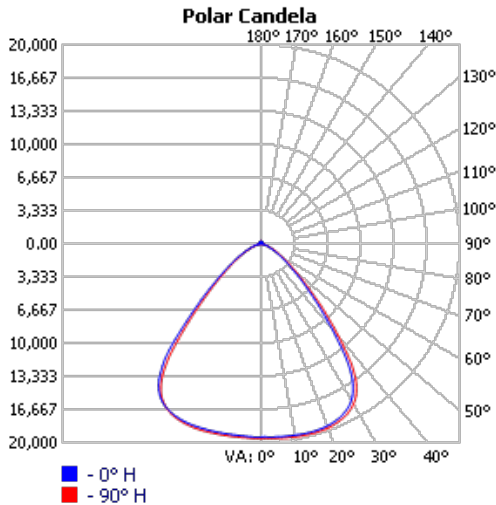
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	1,023.82 fc	7.1 / 7.7 ft
8.0 ft	255.96 fc	14.2 / 15.3 ft
12.0 ft	113.76 fc	21.3 / 23.0 ft
16.0 ft	63.99 fc	28.4 / 30.7ft
20.0 ft	40.95 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

250W	4000K	39,104.6 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	16,296.0	41.7
0-40	26,575.6	68
0-60	36,521.0	93.4
60-90	2,107.4	5.4
70-100	618.6	1.6
90-120	70.5	0.2
0-90	38,628.5	98.8
90-180	476.1	1.2
0-180	39,104.6	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	1,215.20 fc	7.1 / 7.7 ft
8.0 ft	303.80 fc	14.2 / 15.3 ft
12.0 ft	135.02 fc	21.3 / 23.0 ft
16.0 ft	75.95 fc	28.4 / 30.7ft
20.0 ft	48.61 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