

Date		Project	
Type		Part Number	



ORION Series

UFO Highbay

ORDERING INFORMATION

Order Code	R34215
Model Number	RENO-HBU-160W-DV-MCCT-G2-R2
Case Quantity	1
DLC / Energy Star ID	S-5GYV4E 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

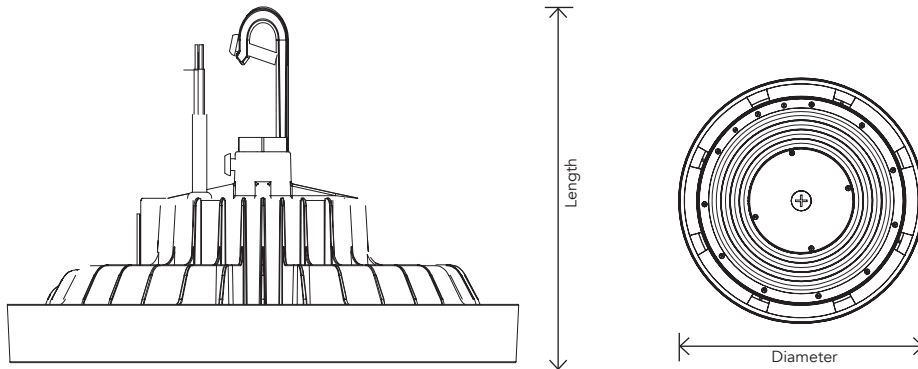
PERFORMANCE DATA

Wattage	80/100/120/160W
Voltage	120-347V AC
CCT	30/40/5000K (Typical range+/-5%)
Lumen	13,743 - 25,197 lm
Efficacy	141-182 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	
80W	13,743.1 lm	171.8 lm/W	14,582.2 lm	182.3 lm/W	14,457.3 lm	180.7 lm/W	120-347V
100W	16,677.4 lm	166.8 lm/W	17,901.0 lm	179 lm/W	17,566.8 lm	175.7 lm/W	120-347V
120W	19,238.5 lm	160.3 lm/W	20,863.4 lm	173.9 lm/W	20,221.1 lm	168.5 lm/W	120-347V
160W	22,691.8 lm	141.8 lm/W	25,196.9 lm	157.5 lm/W	24,966.2 lm	156 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

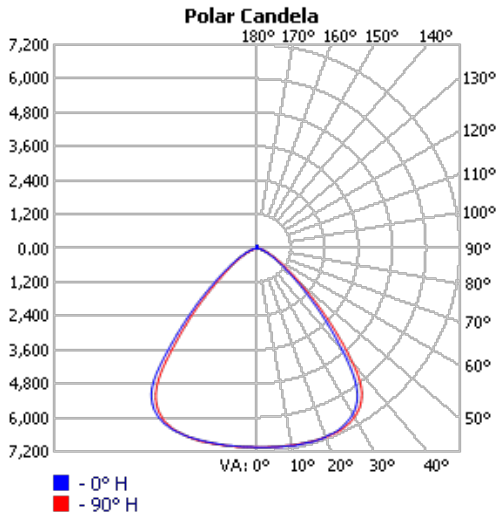
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75301	5-Key Reset Remote
R75302	7-Key Smart Wall Switch for RENO Smart NLC System

RENO-HBU-160W-DV-MCCT-G2-R2 | INDIVIDUAL SPECSHEET

PHOTOMETRICS

80W	4000K	14,582.2 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	5,937.8	40.7
0-40	9,803.4	67.2
0-60	13,642.6	93.6
60-90	759.6	5.2
70-100	212.0	1.5
90-120	26.8	0.2
0-90	14,402.2	98.8
90-180	180.0	1.2
0-180	14,582.2	100

ILLUMINANCE AT A DISTANCE

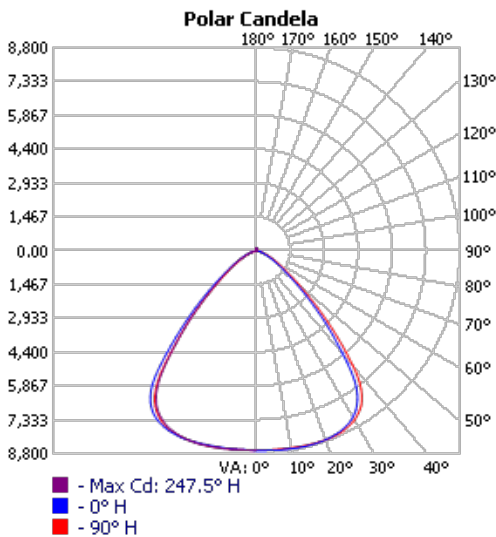
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	440.97 fc	7.1 / 7.7 ft
8.0 ft	110.24 fc	14.2 / 15.3 ft
12.0 ft	49.00 fc	21.3 / 23.0 ft
16.0 ft	27.56 fc	28.4 / 30.7 ft
20.0 ft	17.64 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

100W	4000K	17,901.0 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	7,284.6	40.7
0-40	12,029.9	67.2
0-60	16,747.7	93.6
60-90	931.8	5.2
70-100	260.0	1.5
90-120	33.0	0.2
0-90	17,679.5	98.8
90-180	221.4	1.2
0-180	17,901.0	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	540.62 fc	7.1 / 7.7 ft
8.0 ft	135.16 fc	14.2 / 15.3 ft
12.0 ft	60.07 fc	21.3 / 23.0 ft
16.0 ft	33.79 fc	28.4 / 30.7 ft
20.0 ft	21.62 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

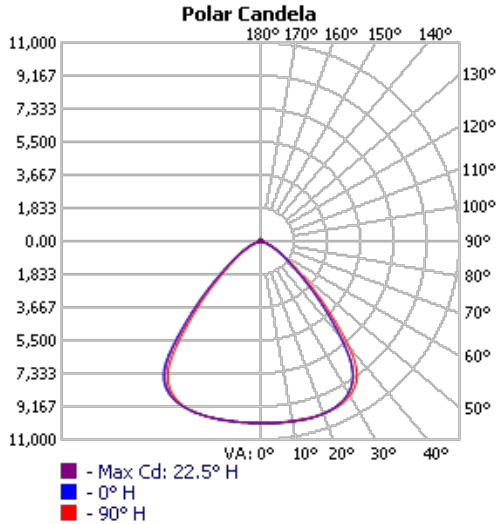
See IES Files for details.

RENO-HBU-160W-DV-MCCT-G2-R2 | INDIVIDUAL SPECSHEET

PHOTOMETRICS (CONTINUED)

120W	4000K	20,863.4 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	8,484.5	40.7
0-40	14,014.9	67.2
0-60	19,518.0	93.6
60-90	1,085.4	5.2
70-100	302.8	1.5
90-120	39.1	0.2
0-90	20,603.3	98.8
90-180	260.1	1.2
0-180	20,863.4	100

ILLUMINANCE AT A DISTANCE

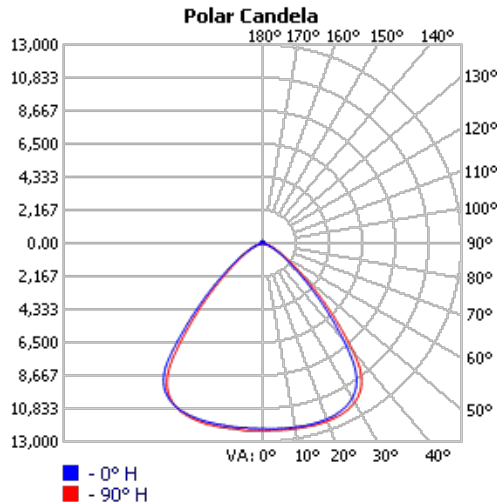
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	540.62 fc	7.1 / 7.7 ft
8.0 ft	135.16 fc	14.2 / 15.3 ft
12.0 ft	60.07 fc	21.3 / 23.0 ft
16.0 ft	33.79 fc	28.4 / 30.7 ft
20.0 ft	21.62 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

160W	4000K	25,196.9 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	10,252.2	40.7
0-40	16,931.6	67.2
0-60	23,577.1	93.6
60-90	1,309.4	5.2
70-100	365.1	1.5
90-120	46.2	0.2
0-90	24,886.5	98.8
90-180	310.4	1.2
0-180	25,196.9	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	758.00 fc	7.1 / 7.7 ft
8.0 ft	189.50 fc	14.2 / 15.3 ft
12.0 ft	84.22 fc	21.3 / 23.0 ft
16.0 ft	47.37 fc	28.4 / 30.7 ft
20.0 ft	30.32 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