

Date		Project	
Type		Part Number	

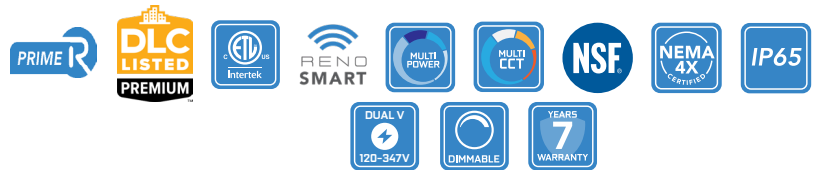


ORION Series

UFO Highbay

ORDERING INFORMATION

Order Code	R34217
Model Number	RENO-HBU-320W-DV-MCCT-G2-R4
Case Quantity	1
DLC / Energy Star ID	S-TQAICB High-Bay Luminaires for Commercial & Industrial Buildings



PHYSICAL DATA

Dimensions	7" x Ø16.1" (17.78 cm x 40.89 cm)
Lens / Diffuser	Polycarbonate
Case / Housing	Powder Coated Aluminum (Black)
Mounting Type(s)	Suspended, Surface mounted, Pendant

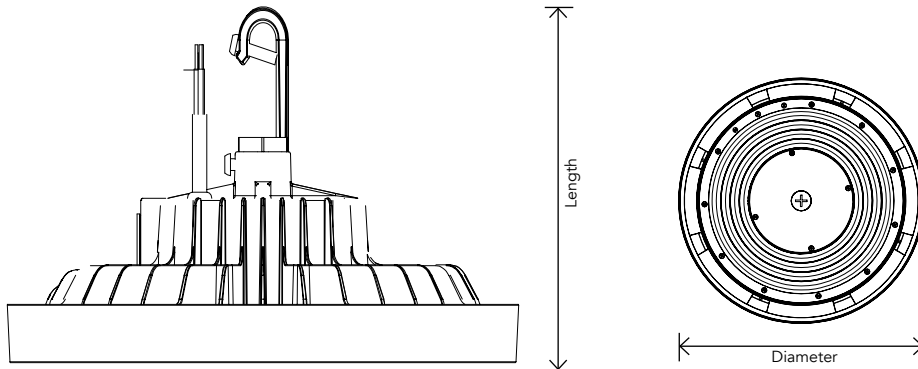
PERFORMANCE DATA

Wattage	250/280/300/320W
Voltage	120-347V AC
CCT	40/5000K (Typical range+/-5%)
Lumen	40,879 - 50,543 lm
Efficacy	156-164 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	4000K		5000K		Voltage
	Lumens	Efficacy	Lumens	Efficacy	
250W	40,879.2 lm	163.5 lm/W	40,490.8 lm	162 lm/W	120-347V
280W	44,683.3 lm	159.6 lm/W	44,193.8 lm	157.8 lm/W	120-347V
300W	46,911.7 lm	156.4 lm/W	46,850.2 lm	156.2 lm/W	120-347V
320W	50,460.0 lm	157.7 lm/W	50,543.7 lm	157.9 lm/W	120-347V

DIMENSIONS

Diameter: Ø16.1" (408.9 mm)
Length: 7" (177.8 mm)
Weight: 12 lbs (5.44 kg)



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

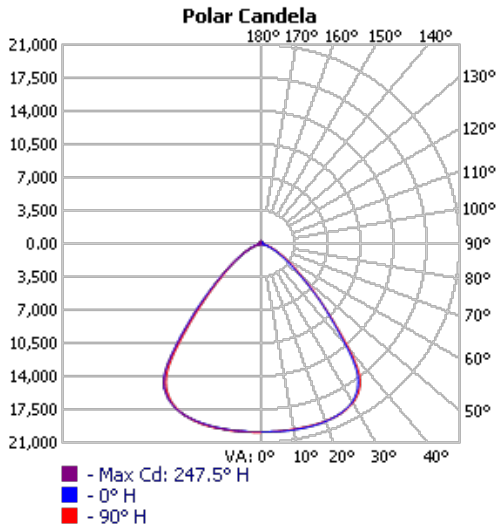
Order#	Name / Description
R75001	Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System
R75002	Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System
R75201	Ceiling Mounted Gateway for RENO Smart NLC System
R75301	5-Key Reset Remote
R75302	7-Key Smart Wall Switch for RENO Smart NLC System

RENO-HBU-320W-DV-MCCT-G2-R4 | INDIVIDUAL SPECSHEET

PHOTOMETRICS

250W	4000K	40,879.2 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	16,679.0	40.8
0-40	27,583.5	67.5
0-60	38,265.0	93.6
60-90	2,126.7	5.2
70-100	604.5	1.5
90-120	71.8	0.2
0-90	40,391.6	98.8
90-180	487.5	1.2
0-180	40,879.2	100

ILLUMINANCE AT A DISTANCE

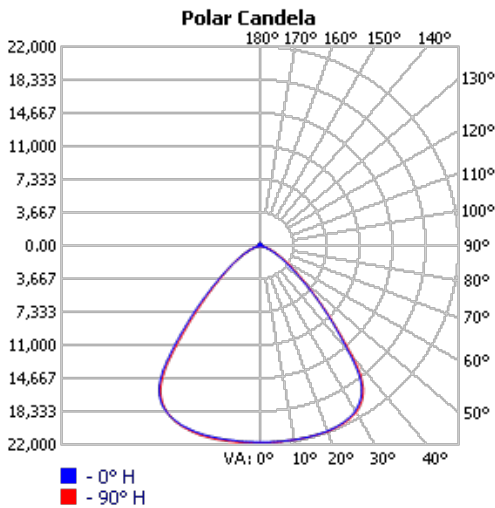
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	1,242.80 fc	7.1 / 7.7 ft
8.0 ft	310.70 fc	14.2 / 15.3 ft
12.0 ft	138.09 fc	21.3 / 23.0 ft
16.0 ft	77.68 fc	28.4 / 30.7 ft
20.0 ft	49.71 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

280W	4000K	44,683.3 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	18,235.3	40.8
0-40	30,146.9	67.5
0-60	41,824.6	93.6
60-90	2,324.8	5.2
70-100	660.9	1.5
90-120	79.1	0.2
0-90	44,149.3	98.8
90-180	533.9	1.2
0-180	44,683.3	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	1,359.05 fc	7.1 / 7.7 ft
8.0 ft	339.76 fc	14.2 / 15.3 ft
12.0 ft	151.01 fc	21.3 / 23.0 ft
16.0 ft	84.94 fc	28.4 / 30.7 ft
20.0 ft	54.36 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

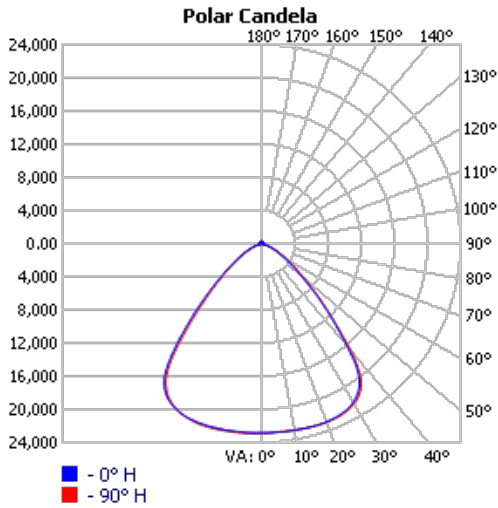
See IES Files for details.

RENO-HBU-320W-DV-MCCT-G2-R4 | INDIVIDUAL SPECSHEET

PHOTOMETRICS (CONTINUED)

300W	4000K	46,911.7 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	19,147.7	41.7
0-40	31,649.8	68
0-60	43,912.9	93.4
60-90	2,437.7	5.4
70-100	692.6	1.6
90-120	83.2	0.2
0-90	46,350.5	98.8
90-180	561.2	1.2
0-180	46,911.7	100

ILLUMINANCE AT A DISTANCE

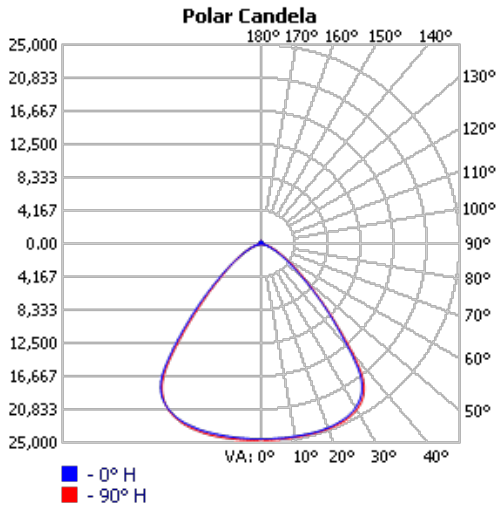
Height	Center Beam fc	Beam Width (V / H)
4.0 ft	1,426.99 fc	7.1 / 7.7 ft
8.0 ft	356.75 fc	14.2 / 15.3 ft
12.0 ft	158.55 fc	21.3 / 23.0 ft
16.0 ft	89.19 fc	28.4 / 30.7 ft
20.0 ft	57.08 fc	38.3 / 35.5 ft

Vertical Spread: 83.3° | Horizontal Spread: 87.5°

See IES Files for details.

320W	4000K	50,460.0 lm
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LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumen	% Fixture
0-30	20,596.4	41.7
0-40	34,046.5	68
0-60	47,235.8	93.4
60-90	2,622.5	5.4
70-100	744.9	1.6
90-120	88.9	0.2
0-90	49,858.3	98.8
90-180	601.8	1.2
0-180	50,460.0	100

ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	1,534.79 fc	7.1 / 7.7 ft
8.0 ft	383.70 fc	14.2 / 15.3 ft
12.0 ft	170.53 fc	21.3 / 23.0 ft
16.0 ft	95.92 fc	28.4 / 30.7 ft
20.0 ft	61.39 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