LEDone®

LED LOC-GDHB High Bay Light Series

100W

200W – 250W

Special Order:

- White & Green
- 277-480V models

FEATURES

- IP65 rated
- Optional microwave sensor and emergency backup
- Easy installation and maintenance
- Corrosion and rust proof
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Warehouses
- Stadiums
- Factories
- Supermarkets
- Logistic Centers
- Exhibition Halls

CONSTRUCTION:

Unique design with built-in sensor. The lens has a spherical design and can emit light evenly. Each product is equipped with a shorting cap which is convenient for customers to replace the sensor.

OPTICAL SYSTEM:

Seoul SMD LED chips. 60° or 120° beam angle options.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

ELECTRICAL:

Available as 120-347V or 277-480V input. 8FT cord comes standard on 120-347V. 5FT cord comes standard on 277-480V. -40°C to 50°C, -40°F to 122°F

INSTALLATION & MOUNTING:

Hanging hook or U-Bracket.

CONTROLS & DIMMING:

0-10V dimming comes standard. Suitable for use with LED dimmers. Motion sensor and remote-control options available.

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120-347V Models – 8FT cord comes standard							
MODEL NUMBER – 5,000K	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD	REPLACES
LOC-GDHB-100W50KD-LV[MS;NS]C	100W	15,219LM	153.73LM/W	70	0.8898	16.84%	250W – 400W HID

277-480V Models – 5FT cord comes standard							
MODEL NUMBER – 5,000K	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD	REPLACES
LOC-GDHB-150W50KD-HV[MS;NS]C	150W	22,845.4LM	147.38LM/W	70	0.942	13.1%	400W – 600W HID
LOC-GDHB-200W50KD-HV[MS;NS]C	200W	30,614.4LM	155.64LM/W	70	0.9246	15.44%	600W – 750W HID
LOC-GDHB-250W50KD-HV[MS;NS]C	250W	37,710.2LM	154.55LM.W	73	0.9456	15.07%	750W – 1,000W HID

LED LOC-GDHB High Bay Light Series

Series	Wattage	CCT Options	Dimming Options	Voltage Options
LOC-GDHB	100W 200W 250W	5,000K	0-10V Dimming Integrated Motion Sensor	LV = 120-347VAC HV = 277-480VAC
Optional	**Beam Angle**			
MS - Motion Sensor	60° 120°			

MEASUREMENTS (120-347V)

100W w/ Hook
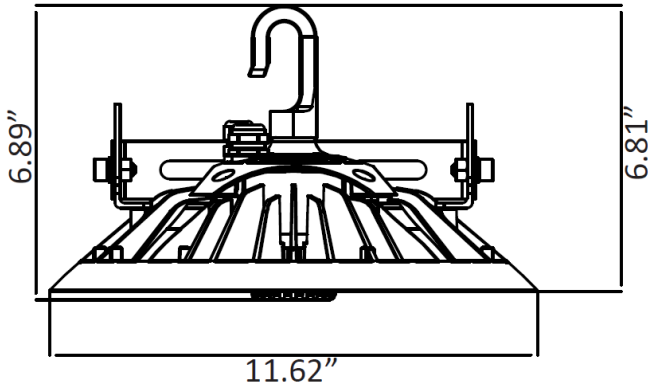
6.89" 6.81" 11.62"

200W – 250W w/ Hook

8.02" 7.83" 12.95"

100W w/ U-Bracket

7.93" 7.74" 11.62"

200W – 250W w/ U-Bracket

8.82" 8.62" 12.95"
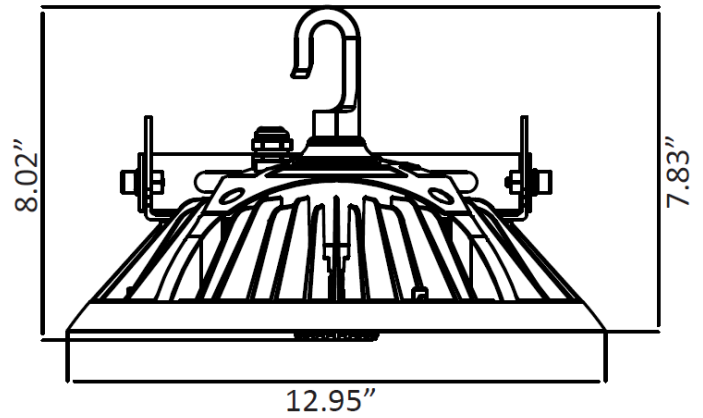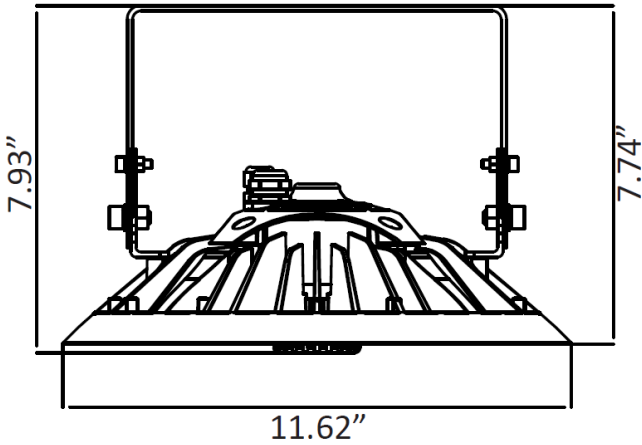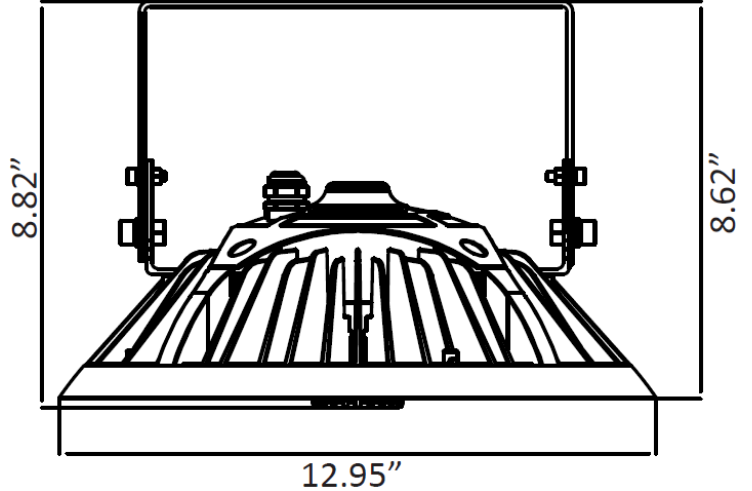
MODEL	QUANTITY	WEIGHT	UPC CODE
LOC-GDHB-100W50KD-LV[MS;NS]C	1	6.20 lbs	00815586028634

MEASUREMENTS (277-480V)

100W – 100W w/ Hook

9.03" 8.83" 11.62"

200W – 250W w/ Hook

9.44" 9.24" 12.95"
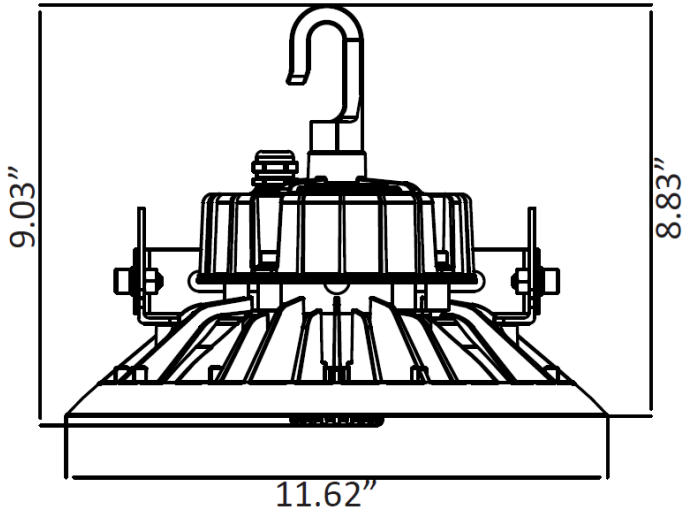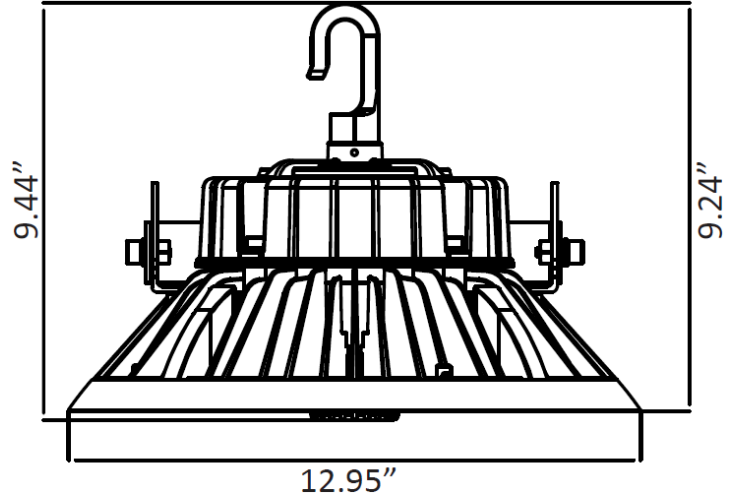
100W – 100W w/ U-Bracket

7.93" 7.74" 11.62"

200W – 250W w/ U-Bracket

8.82" 8.62" 12.95"
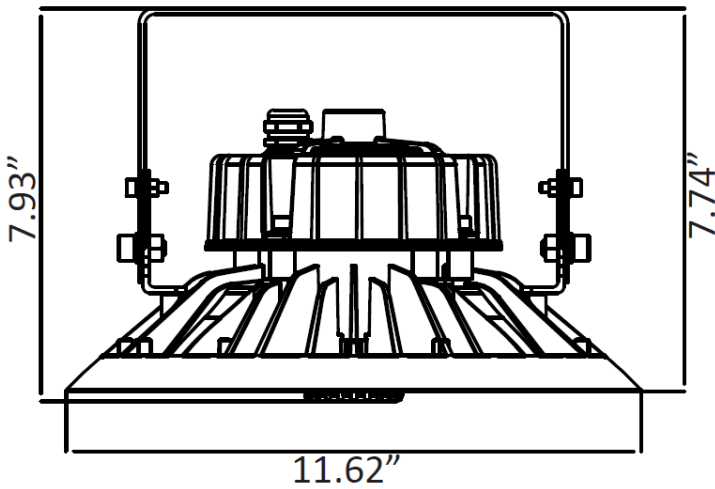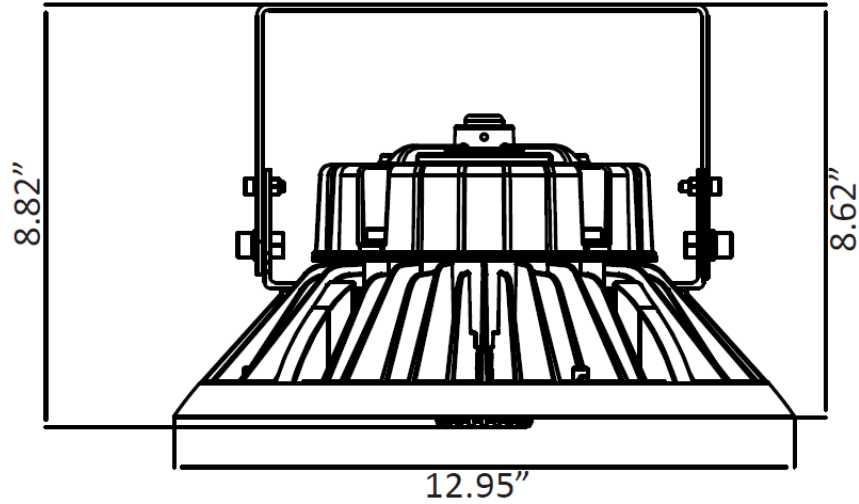
MODEL	QUANTITY	WEIGHT	UPC CODE
LOC-GDHB-150W50KD-HV[MS;NS]C	1	7.05 lbs	00815586029419
LOC-GDHB-200W50KD-HV[MS;NS]C	1	11.68 lbs	00815586029426
LOC-GDHB-250W50KD-HV[MS;NS]C	1	11.68 lbs	00815586029433

PHOTOMETRIC DATA

LEDone®

100W
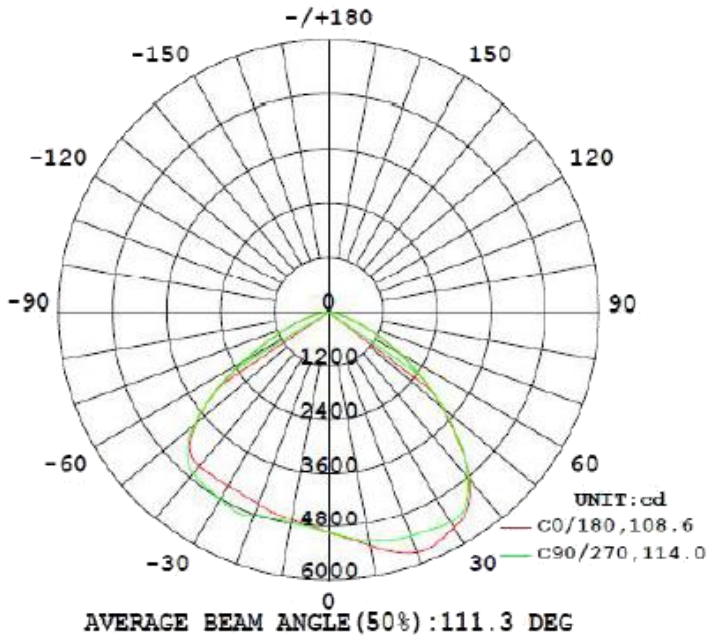
AAI Figure

Test:U:120.11V I:0.8290A P:98.992W PF:0.9942 Freq:60.01Hz Lamp Flux:15032.6x1 lm

NAME: LED Fixed Luminaire	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: LED One Corporation	SUR.:	Shielding Angle:N/A

AVERAGE BEAM ANGLE(50%):111.3 DEG

UNIT:cd
— C0/180,108.6
— C90/270,114.0

Flux out:12512 lm

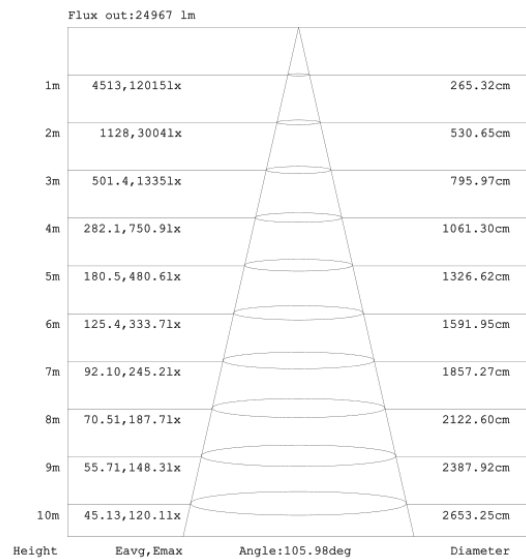| Height	Eavg,Emax	Angle:113.79deg	Diameter
1m	1680,51671x		306.74cm
2m	419.9,12921x		613.47cm
3m	186.6,574.21x		920.21cm
4m	105.0,323.01x		1226.94cm
5m	67.18,206.71x		1533.68cm
6m	46.66,143.51x		1840.41cm
7m	34.28,105.51x		2147.15cm
8m	26.24,80.741x		2453.89cm
9m	20.74,63.801x		2760.62cm
10m	16.80,51.671x		3067.36cm
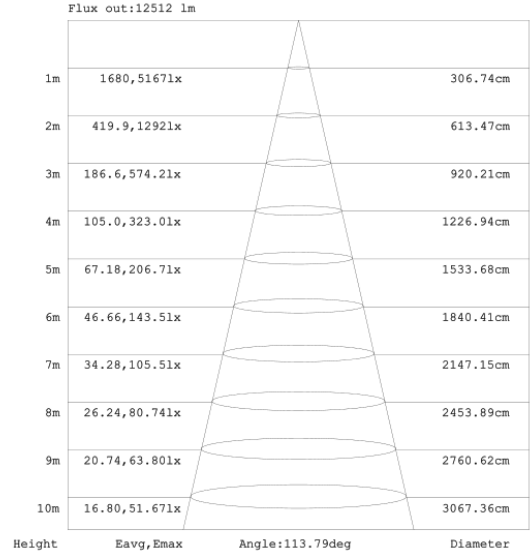
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

200W
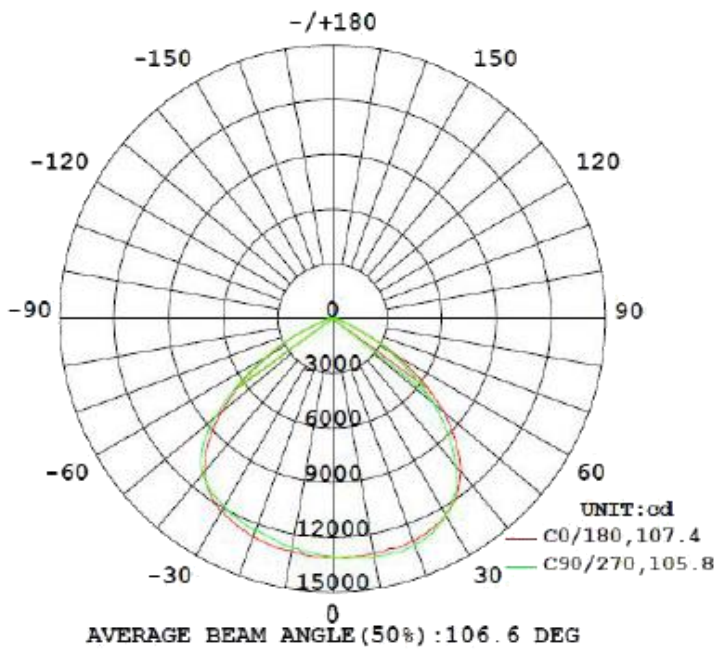
AAI Figure

Test:U:120.17V I:1.6828A P:201.76W PF:0.9977 Freq:60.01Hz Lamp Flux:30893.8x1 lm

NAME: LED Fixed Luminaire	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: LED One Corporation	SUR.:	Shielding Angle:N/A

AVERAGE BEAM ANGLE(50%):106.6 DEG

UNIT:cd
— C0/180,107.4
— C90/270,105.8

Flux out:24967 lm

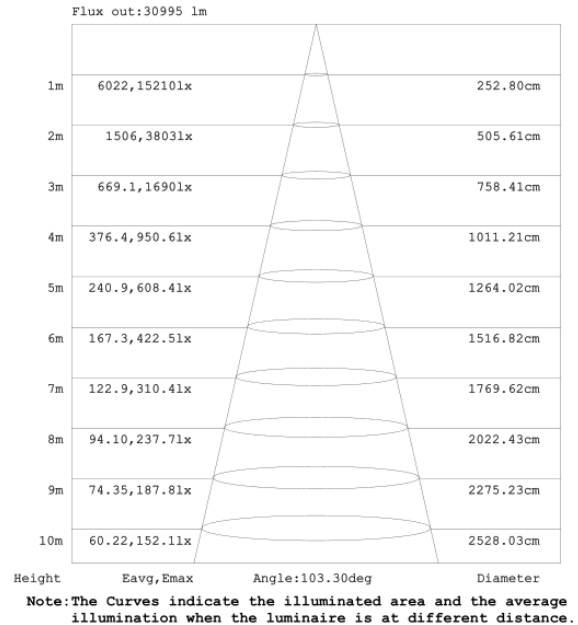| Height	Eavg,Emax	Angle:105.98deg	Diameter
1m	4513,120151x		265.32cm
2m	1128,30041x		530.65cm
3m	501.4,13351x		795.97cm
4m	282.1,750.91x		1061.30cm
5m	180.5,480.61x		1326.62cm
6m	125.4,333.71x		1591.95cm
7m	92.10,245.21x		1857.27cm
8m	70.51,187.71x		2122.60cm
9m	55.71,148.31x		2387.92cm
10m	45.13,120.11x		2653.25cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

PHOTOMETRIC DATA

250W

-/+180
-150 150
-120 120
-90 90
4000
8000
12000
-60 60
16000
-30 30
20000
0

UNIT:cd
— C0/180,105.6
— C90/270,103.3

AVERAGE BEAM ANGLE(50%):104.5 DEG

AAI Figure

Test:U:120.08V I:2.1233A P:254.36W PF:0.9977 Freq:60.01Hz Lamp Flux:38835.4x1 lm

NAME: LED Fixed Luminaire	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: LED One Corporation	SUR.:	Shielding Angle:N/A

Flux out:30995 lm

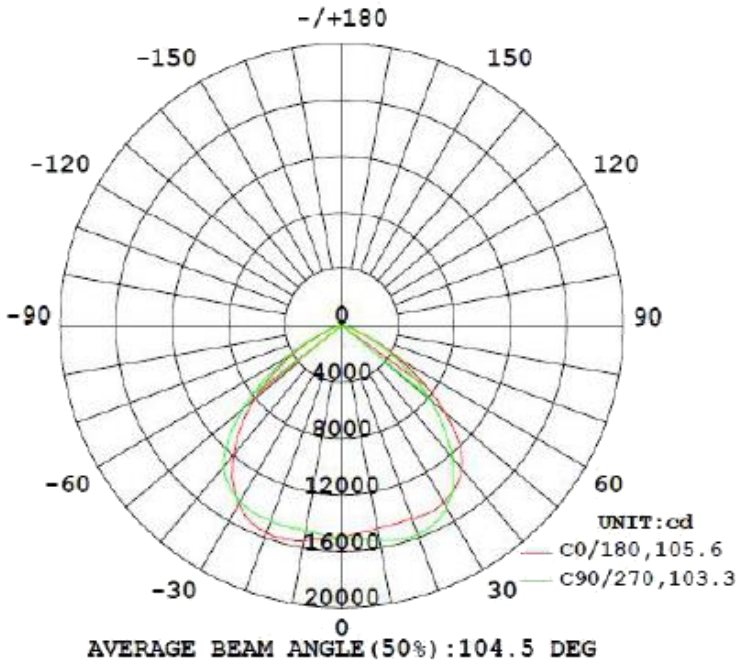| Height	Eavg,Emax		Diameter
1m	6022,152101x		252.80cm
2m	1506,38031x		505.61cm
3m	669.1,16901x		758.41cm
4m	376.4,950.61x		1011.21cm
5m	240.9,608.41x		1264.02cm
6m	167.3,422.51x		1516.82cm
7m	122.9,310.41x		1769.62cm
8m	94.10,237.71x		2022.43cm
9m	74.35,187.81x		2275.23cm
10m	60.22,152.11x		2528.03cm

Height   Eavg,Emax   Angle:103.30deg   Diameter

Note:The Curves indicate the illuminated area and the average
illumination when the luminaire is at different distance.

MOUNTING OPTIONS

U-Bracket (optional)

Hook

OPTIONAL ACCESSORIES

Motion Sensor
HD06VCRH
(compatible with remote control)

Remote Control
LOC-GDHB-HD05R

Photocell
HS05
(compatible with remote control)

Emergency Driver
LOC-HBEMDR-25WHV

Reflector

5.11 "
13 "