

Date: _____ Location: _____
 Product: _____ Project: _____
 Quantity: _____ Catalog #: _____

LED LOC-FGHB High Bay Series



NSF Model Numbers:

- LOC-FGHB-100W50K-DLV
- LOC-FGHB-150W50K-DLV
- LOC-FGHB-200W50K-DLV

CONSTRUCTION:

Die-cast aluminum housing. Clear tempered glass lens.

OPTICAL SYSTEM:

Philips LED chips. 115° beam angle option.

WARRANTY:

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

ELECTRICAL:

Available as 100-277V input.

-40°C to 45°C, -40°F to 113°F

120-347V or 277-480V special order options.

-40°C to 70°C, -40°F to 158°F special order option.

INSTALLATION & MOUNTING:

O-hook or pendant mount.

DIMMING:

0-10V dimming

FEATURES

- IP69K rated
- Corrosion resistant
- Optional microwave sensor can be installed in the middle of the lens
- Safety cable included
- Easy installation and maintenance
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Chemical plants
- Steel manufacturing plants
- Logistics warehouses
- Breweries
- Food processing spaces
- Pharmaceutical Factories
- Farm / Animal Buildings
- Car Washes
- Fresh Shops
- Supermarkets

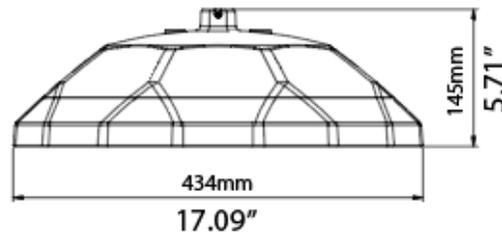
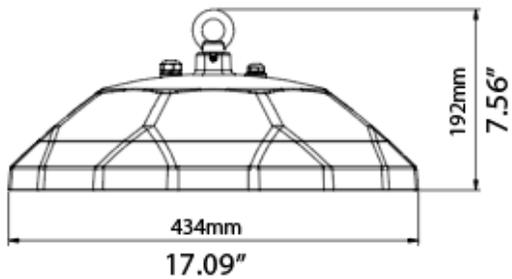
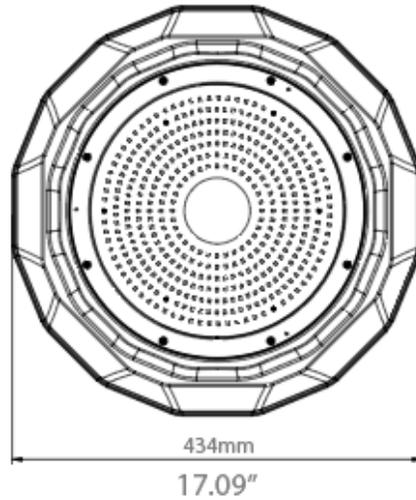
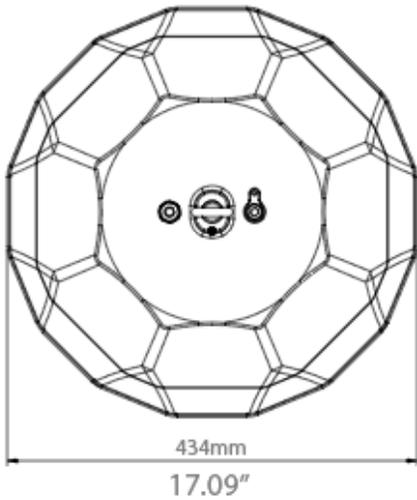


MODEL NUMBER – 5,000K	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD
LOC-FGHB-100W50K-DLV-[MS,NS]B	100W	14,600LM	146LM/W	80	0.9	15%
LOC-FGHB-150W50K-DLV-[MS,NS]B	150W	21,900LM	146LM/W	80	0.9	15%
LOC-FGHB-200W50K-DLV-[MS,NS]B	200W	29,200LM	146LM/W	80	0.9	15%

Note: If you would like to add a motion sensor, please inform your sales representative **at the time of placing an order.**

Series	Wattage	CCT Options	Controls	Voltage Options	Optional	Efficacy
LOC-FGHB	100W 150W 200W	5,000K	D = 0-10V Dimming	LV = 120-347VAC HV = 277-480VAC	MS - Motion Sensor NS – No Sensor	B = 150lm/w

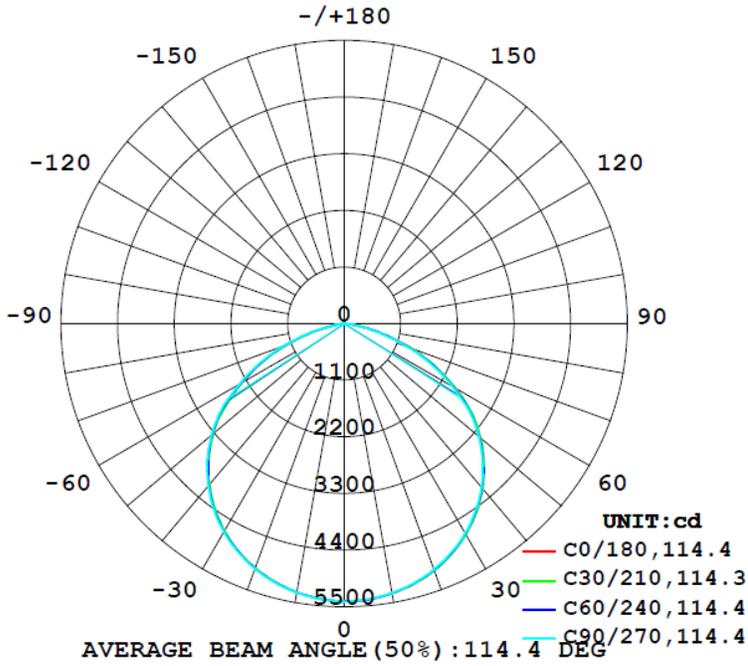
MEASUREMENTS



MODEL	QUANTITY	WEIGHT	UPC CODE
LOC-FGHB-100W50K-DLV-[MS,NS]B	1	13.2 lbs	00810050940603
LOC-FGHB-150W50K-DLV-[MS,NS]B	1	13.2 lbs	00810050940610
LOC-FGHB-200W50K-DLV-[MS,NS]B	1	16.5 lbs	00810050940627

PHOTOMETRIC DATA

100W

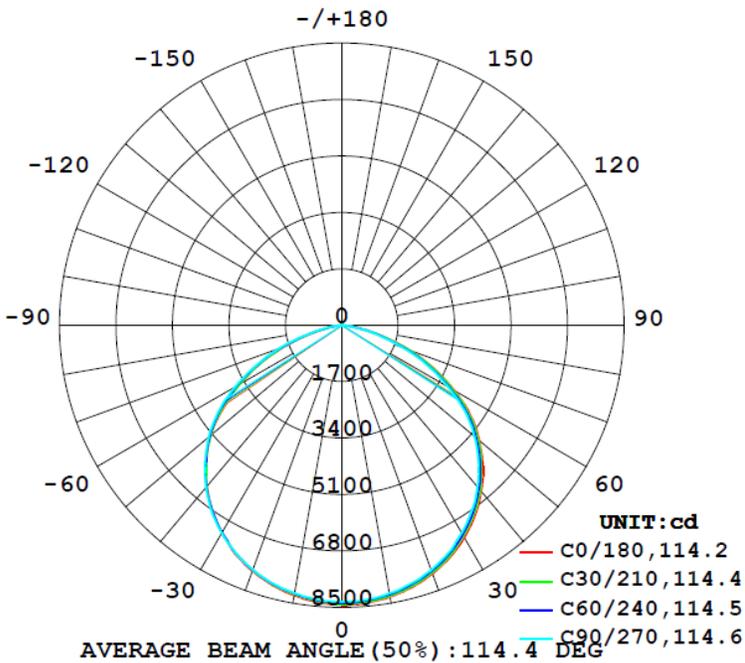


Flux out: 12068 lm

Height	Eavg, Emax	Angle: 114.34deg	Diameter
1m	1500, 5396lx		309.98cm
2m	375.0, 1349lx		619.95cm
3m	166.7, 599.6lx		929.93cm
4m	93.75, 337.3lx		1239.91cm
5m	60.00, 215.9lx		1549.88cm
6m	41.67, 149.9lx		1859.86cm
7m	30.61, 110.1lx		2169.84cm
8m	23.44, 84.32lx		2479.81cm
9m	18.52, 66.62lx		2789.79cm
10m	15.00, 53.96lx		3099.77cm

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

150W



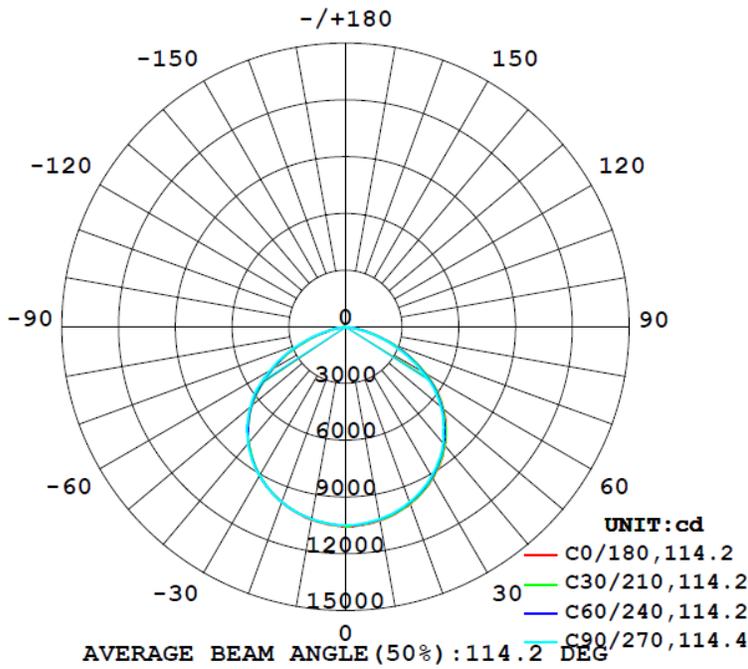
Flux out: 18655 lm

Height	Eavg, Emax	Angle: 114.08deg	Diameter
1m	2319, 8420lx		308.47cm
2m	579.7, 2105lx		616.94cm
3m	257.6, 935.6lx		925.41cm
4m	144.9, 526.2lx		1233.88cm
5m	92.74, 336.8lx		1542.35cm
6m	64.41, 233.9lx		1850.82cm
7m	47.32, 171.8lx		2159.29cm
8m	36.23, 131.6lx		2467.76cm
9m	28.62, 104.0lx		2776.23cm
10m	23.19, 84.20lx		3084.69cm

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

PHOTOMETRIC DATA

200W

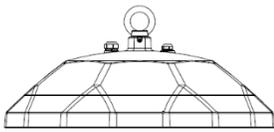


Flux out: 23475 lm

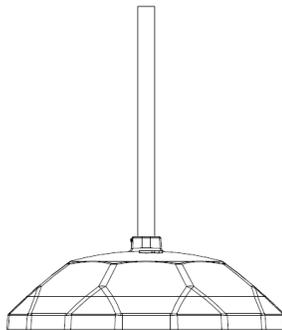
Height	Eavg, Emax	Angle: 114.04deg	Diameter
1m	2918, 10548lx		308.23cm
2m	729.4, 2637lx		616.47cm
3m	324.2, 1172lx		924.70cm
4m	182.4, 659.2lx		1232.93cm
5m	116.7, 421.9lx		1541.17cm
6m	81.05, 293.0lx		1849.40cm
7m	59.54, 215.3lx		2157.64cm
8m	45.59, 164.8lx		2465.87cm
9m	36.02, 130.2lx		2774.10cm
10m	29.18, 105.5lx		3082.34cm

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

MOUNTING OPTIONS



O-Hook



Pendant

OPTIONAL ACCESSORIES



Integrated Microwave Sensor



Remote Control LOC-GDHB



Emergency Driver LOC-HBEMDR-25WHV