

# V5 UFO HIGHBAY LED LIGHT



Date: ..... Location: .....

Product: ..... Project: .....

Quantity: ..... Catalog# .....

## FEATURES

- Super Brightness LED Efficiency
- 5ft cable, Occupancy Sensor Options
- Black or White housing Option, Kelvin options, Voltage options
- Heavy weight Aluminum Alloy
- Corrosion and rust proof
- Easy installation and maintenance

## SUITABLE APPLICATIONS

- Warehouse
- Manufacturing facilities
- Convention Centers
- Sporting arenas
- Big-box retail stores
- Cold storage facilities
- Gymnasiums

## CONSTRUCTION:

Heavy die-cast Aluminum Alloy housing,  
Black or White Housing options

## OPTICAL SYSTEM:

High Lumen Lumileds SMD 2835 LED Chip. High transparency,  
PC cover, 120 beam angle

## WARRANTY:

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

## ELECTRICAL:

Available as 100-277V or 277-480V input. -36+60°C

## INSTALLATION & MOUNTING:

Suspend Mounting with unique hook

## CONTROLS & DIMMING

0-10V dimmable as standard. Occupancy sensor options

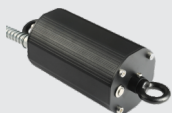
## PERFORMANCE

Model NO	Power factor	Wattage	Voltage/Current Input		Light Efficiency	Kelvin Options
			120V	277V		
LS-5EHB100W-XXK	>0.9	100W	0.34A	0.14A	160LM/W	3000K/4000K/5000K
LS-5EHB150W-XXK	>0.9	150W	0.50A	0.21A	160LM/W	3000K/4000K/5000K
LS-5EHB200W-XXK	>0.9	200W	0.66A	0.28A	160LM/W	3000K/4000K/5000K
LS-5EHB240W-XXK	>0.9	240W	0.83A	0.36A	160LM/W	3000K/4000K/5000K

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Model NO	Power factor	Wattage	Voltage/Current Input		Light Efficiency	Kelvin Options
			347V	480V		
LS-5EHB100WHV-XXK	>0.9	100W	0.28A	0.20A	160LM/W	3000K/4000K/5000K
LS-5EHB150WHV-XXK	>0.9	150W	0.43A	0.31A	160LM/W	3000K/4000K/5000K
LS-5EHB200WHV-XXK	>0.9	200W	0.57A	0.41A	160LM/W	3000K/4000K/5000K
LS-5EHB240WHV-XXK	>0.9	240W	0.69A	0.50A	160LM/W	3000K/4000K/5000K

## OPTIONAL ACCESSORIES



Emergency Battery Backup.Style  
EMUFO-40170-YY



Dimming Microwave Motion Sensor,  
Style:MS012HR-A .



PC or Aluminum reflector cover  
options



Safe Cord

## PRODUCT ORDERING GUIDE

LS-5EHB100W-50K

<sup>1</sup>LS - <sup>2</sup>5EHB <sup>3</sup>100W - <sup>4</sup>50K

LS LEDSION

5EHB 5G UFO LED HIGHBAY

100W Power 100W  150W Power 150W

200W Power 200W  240W Power 240W

30K CCT:3000K

40K CCT:4000K

50K CCT:5000K

LS-5EHB100WHV-50K

<sup>1</sup>LS - <sup>2</sup>5EHB <sup>3</sup>100W <sup>4</sup>HV - <sup>5</sup>50K

LS LEDSION

5EHB 5G UFO LED HIGHBAY

HV 277-480V/AC

100W Power 100W  150W Power 150W

200W Power 200W  240W Power 240W

30K CCT:3000K

40K CCT:4000K

50K CCT:5000K

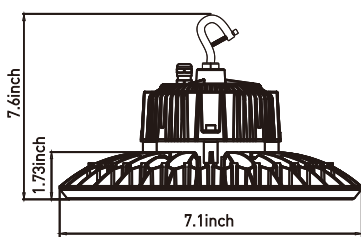
# V5 UFO HIGHBAY LED LIGHT

## Electric Characteristic

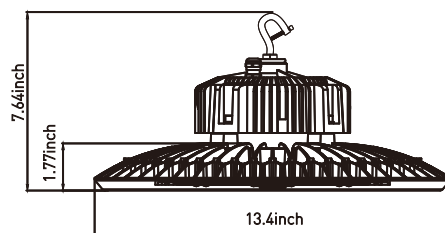
Specification/Model	LS-5EHB100W-XXK	LS-5EHB150W-XXK	LS-5EHB200W-XXK	LS-5EHB240W-XXK
LED Driver	UL Listed ZHIHE Brand 0-10V Dimmable			
Input power	100W	150W	200W	240W
Lumens output	16000LM	24000LM	32000LM	38400W
Efficiency	160LM/W	160LM/W	160LM/W	160LM/W
CRI	>72	>72	>72	>72
Color Temperature	5000K	5000K	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	120D	120D	120D	120D
Working temperature	-36+60°C	-36+60°C	-36+60°C	-36+60°C
Junction temperature	<75°C	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%	≥90%
Certificate	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC
Equivalent	200-300W MH/HPS	300-450W MH/HPS	450-650W MH/HPS	650-800W MH/HPS

Specification/Model	LS-5EHB100WHV-XXK	LS-5EHB150WHV-XXK	LS-5EHB200WHV-XXK	LS-5EHB240WHV-XXK
LED Driver	UL Listed Sosen Brand 0-12V Dimmable			
Input power	100W	150W	200W	240W
Lumens output	16000LM	24000LM	32000LM	38400W
Efficiency	160LM/W	160LM/W	160LM/W	160LM/W
CRI	>72	>72	>72	>72
Color Temperature	5000K	5000K	5000K	5000K
Input voltage	277-480V/AC	277-480V/AC	277-480V/AC	277-480V/AC
Light distribution type	120D	120D	120D	120D
Working temperature	-36+60°C	-36+60°C	-36+60°C	-36+60°C
Junction temperature	<75°C	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%	≥90%
Certificate	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC
Equivalent	200-300W MH/HPS	300-450W MH/HPS	450-650W MH/HPS	650-800W MH/HPS

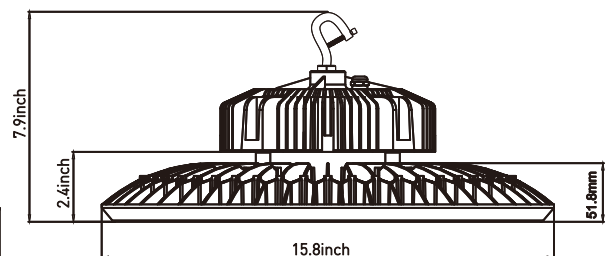
## DIMENSION



100W



150W

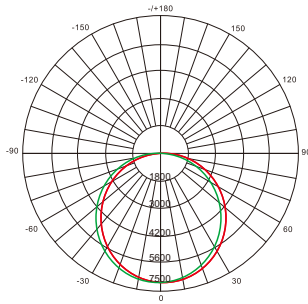


200W /240W

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## DISTRIBUTION DIAGRAM

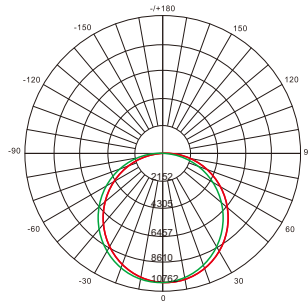
LS-5EHB100W-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB100W-50K — C0/180,113.7  
 Lumens:16000LM — C30/210,100.1  
 Test Number:100W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

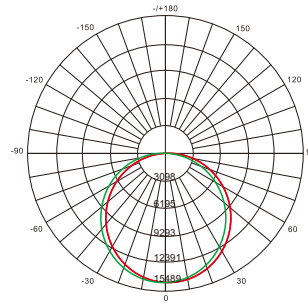
LS-5EHB150W-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB150W-50K — C0/180,113.7  
 Lumens:24000LM — C30/210,100.1  
 Test Number:150W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

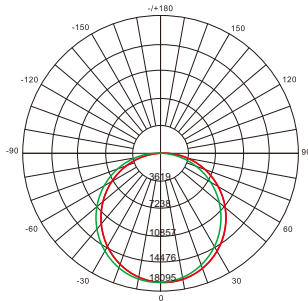
LS-5EHB200W-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB200W-50K — C0/180,113.7  
 Lumens:36000LM — C30/210,100.1  
 Test Number:200W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

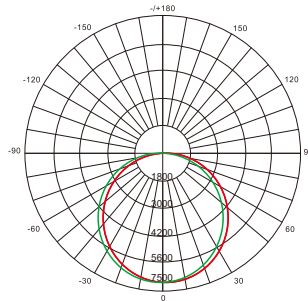
LS-5EHB240W-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB240W-50K — C0/180,113.7  
 Lumens:38400LM — C30/210,100.1  
 Test Number:240W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

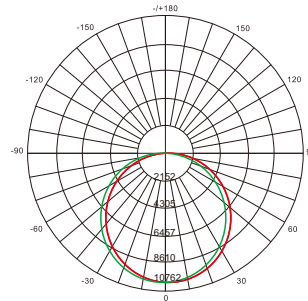
LS-5EHB100WHV-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB100WHV-50K — C0/180,113.7  
 Lumens:16000LM — C30/210,100.1  
 Test Number:100W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

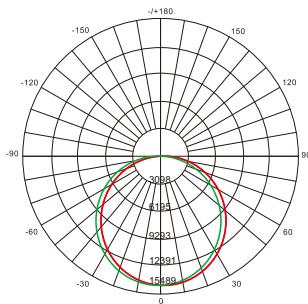
LS-5EHB150WHV-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB150WHV-50K — C0/180,113.7  
 Lumens:24000LM — C30/210,100.1  
 Test Number:150W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

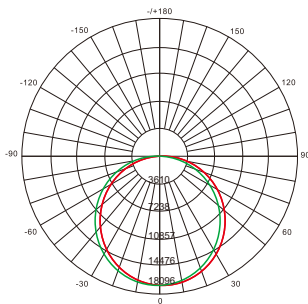
LS-5EHB200WHV-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB200WHV-50K — C0/180,113.7  
 Lumens:32000LM — C30/210,100.1  
 Test Number:200W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9

LS-5EHB240WHV-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD  
 Test Number:LS-5EHB240WHV-50K — C0/180,113.7  
 Lumens:38400LM — C30/210,100.1  
 Test Number:240W — C60/240,108.6  
 Test Number:5000K — C90/270,130.9