

LED High Bay JK and J series - UL DLC

JK Series

- Aluminum Die-Cast Body
- System efficacy 150 lm/W
- 100,000 hours life
- Microwave occupancy sensor
- 0-10 VDC dimmable driver
- 7 year warranty
- Nano Coated Reflector
- Aluminum/ plastic reflector
- Metal mesh seal reflector
- Emergency Battery back up
- Indoor application

Nano Coated Aluminum Reflector



PMMA Reflector



With Microwave Sensor



With Sensor and Emergency Back Up



LED High Bay JK series - UL DLC

Item Codes - JK Series

LHB-JK90-D(35/50)(N/P)(K/B)-(OS)-(EM)

90W, 13000 lumen, Dimmable, (3500/5000K), (N Nano-metal/P PMMA)(K-hook/B-boom)(OS Occup sensor), (EM Emergency battery back up)

- Replace 150-200W MH

LHB-JK130-D(35/50)(N/P)(K/B)-(OS)-(EM)

130W, 19000 lumen, Dimmable, (3500/5000K), (N Nano-metal/P PMMA)(K-hook/B-boom)(OS Occup sensor), (EM Emergency battery back up)

- Replace 250-300W MH

LHB-JK150-D(35/50)(N/P)(K/B)-(OS)-(EM)

150W, 22000 lumen, Dimmable, (3500/5000K), (N Nano-metal/P PMMA)(K-hook/B-boom)(OS Occup sensor), (EM Emergency battery back up)

LHB-JK170-D(35/50)(N/P)(K/B)-(OS)-(EM)

170W, 24500 lumen, Dimmable, (3500/5000K), (N Nano-metal/P PMMA)(K-hook/B-boom)(OS Occup sensor), (EM Emergency battery back up)

- replace 400W MH

LHB-JK-OSR Infra Red Occupancy Sensor

LHB-JK-OSM Microwave Occupancy Sensor

LHB-JK-PC PMMA Reflector Cover

LHB-JK-NC Nano coated Aluminum Reflector Cover

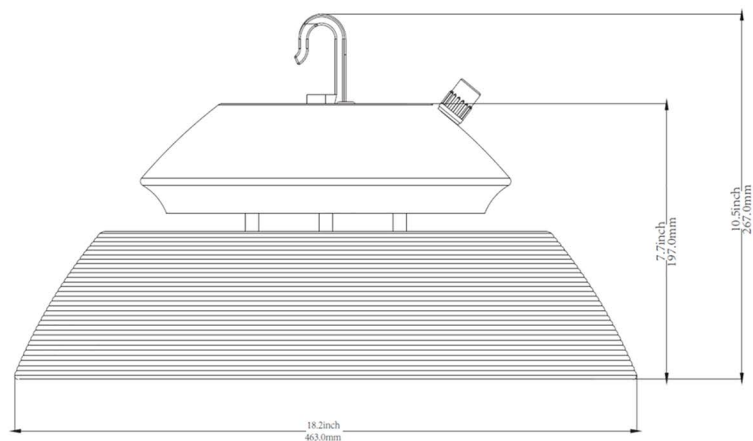
LHB-JK-EM12 Emergency back up pack, 12W, 1200 lumen emergency shed out, 90 minutes

Specification

Product Code	LHB-JK90	LHB-JK130	LHB-JK150	LHB-JK170
Chip Model &Quantity	LG/296PCS	LG/400PCS	LG/448PCS	LG/600PCS
Color temperature	5000K	5000K	5000K	5000K
LM90	36,000h	36,000h	36,000h	36,000h
CRI	70 ⁺	70 ⁺	70 ⁺	70 ⁺
Luminous flux	12600lm	18200lm	21000lm	24000lm
Driver Brand	Meanwell	Meanwell	Meanwell	Meanwell
Beam Angle	90°	90°	90°	90°
Power Input	90-305V AC 50/60HZ	90-305V AC 50/60HZ	90-305V AC 50/60HZ	90-305V AC 50/60HZ
Working Temp.	-30 — 40℃	-30 — 40℃	-30 — 40℃	-30 — 40℃
IP Rating	IP65	IP65	IP65	IP65
Certification	CE ROHS UL DLC-PREMIUM	CE ROHS UL DLC-PREMIUM	CE ROHS UL DLC-PREMIUM	CE ROHS UL DLC-PREMIUM
Life Time	100,000h	100,000h	100,000h	100,000h
Warranty	7 Years	7 Years	7 Years	7 Years
Switching cycles	100,000	100,000	100,000	100,000
Packing size & Weight	485*485*277mm 6.76kg	485*485*277mm 6.76kg	485*485*277mm 6.79kg	485*485*277mm 6.79kg
Container Loading	20t 1200pcs/40HC 3600pcs	20t 1200pcs/40HC 3600pcs	20t 1200pcs/40HC 3600pcs	20t 1200pcs/40HC 3600pcs

Note: 3500K /4000K /5700K /6500K can be customized upon request

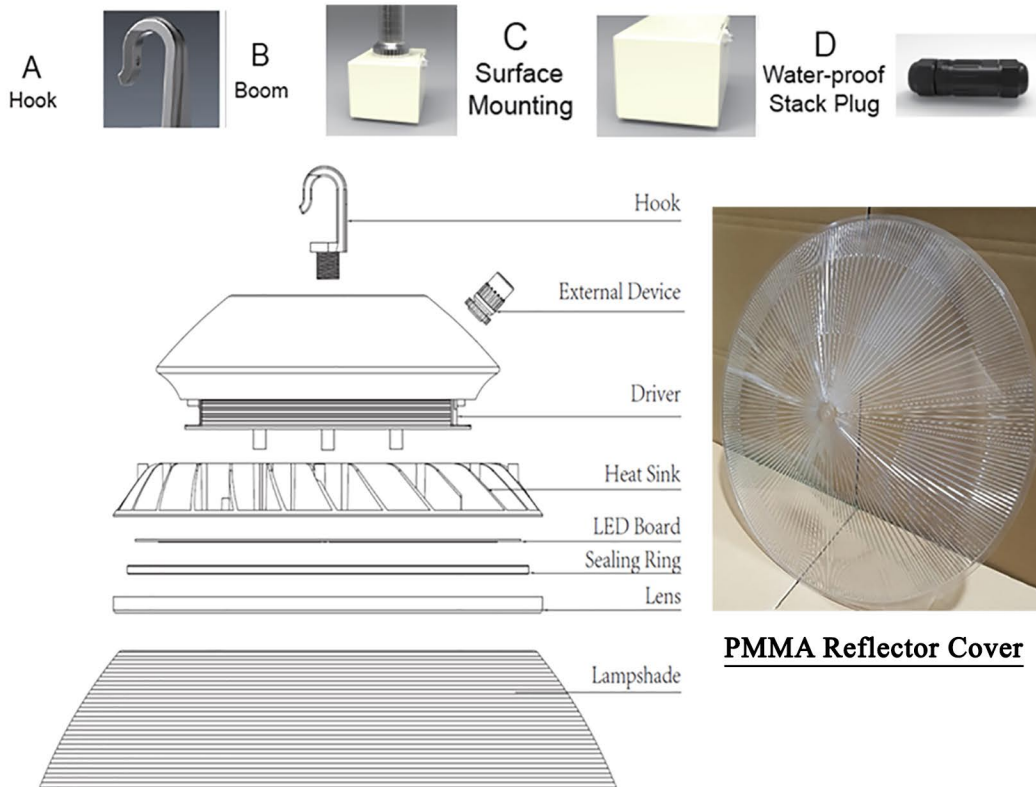
LED High Bay JK series - UL DLC



Electrical specifications

Product specifications	Power (W)	Input voltage(V)	Input current (A) @ 220V	Frequency (HZ)	Power factor	Efficiency (%)	Driver	Brand	Certification
LHB-JK90	90	100~277	0.52	50/60	0.95	93	HLG-120H-48B	Meanwell	UL
LHB-JK130	130	100~277	0.62	50/60	0.95	93	HLG-150H-48B	Meanwell	UL
LHB-JK150	150	100~277	0.71	50/60	0.95	93	HLG-150H-48B	Meanwell	UL
LHB-JK170	170	100~277	0.81	50/60	0.95	93	HLG-185H-48B	Meanwell	UL

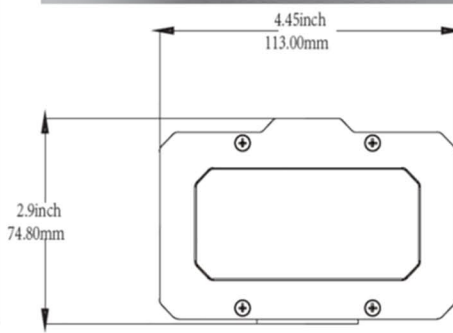
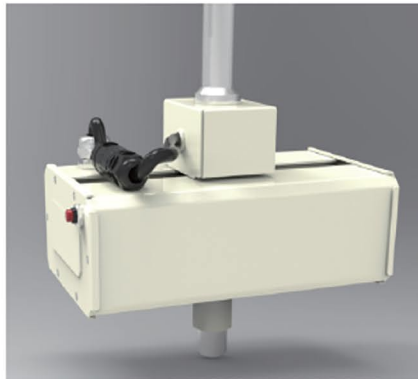
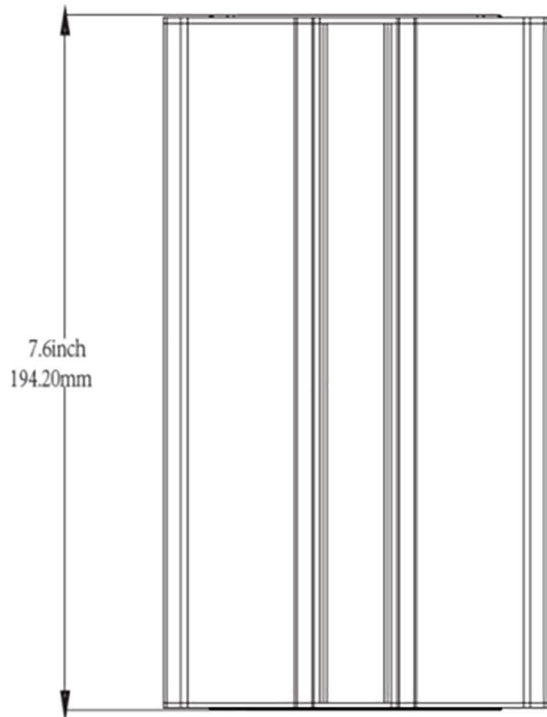
Installation options



LED High Bay JK series - UL DLC

Emergency pack 12w 1200 Lumen

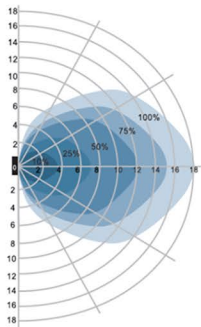
Model No.*	Brand	Input Voltage (VAC)	Output Power (W)	Output Voltage (VDC)	Output Current (mA)	Battery Voltage (VDC)	Battery Capacity (Ah)	Recharge Time (hr)	LED Quantity (Pcs)	Luminous Efficacy (lm /w)	Emergency Lighting Time	Certification
LEM-C14-036-0400-U	M C W O N G	120-277	12	12-36	350	1 x 7.2	3.5	24	15	95	1.5h	UL



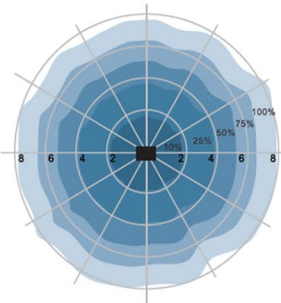
Microwave Motion Sensor



Detection Pattern



Wall mounting pattern (Unit: m)
Suggested installation height: 1-1.8m



Ceiling mounting pattern (Unit: m)
Suggested installation height: 2.5-10m

MC0601V

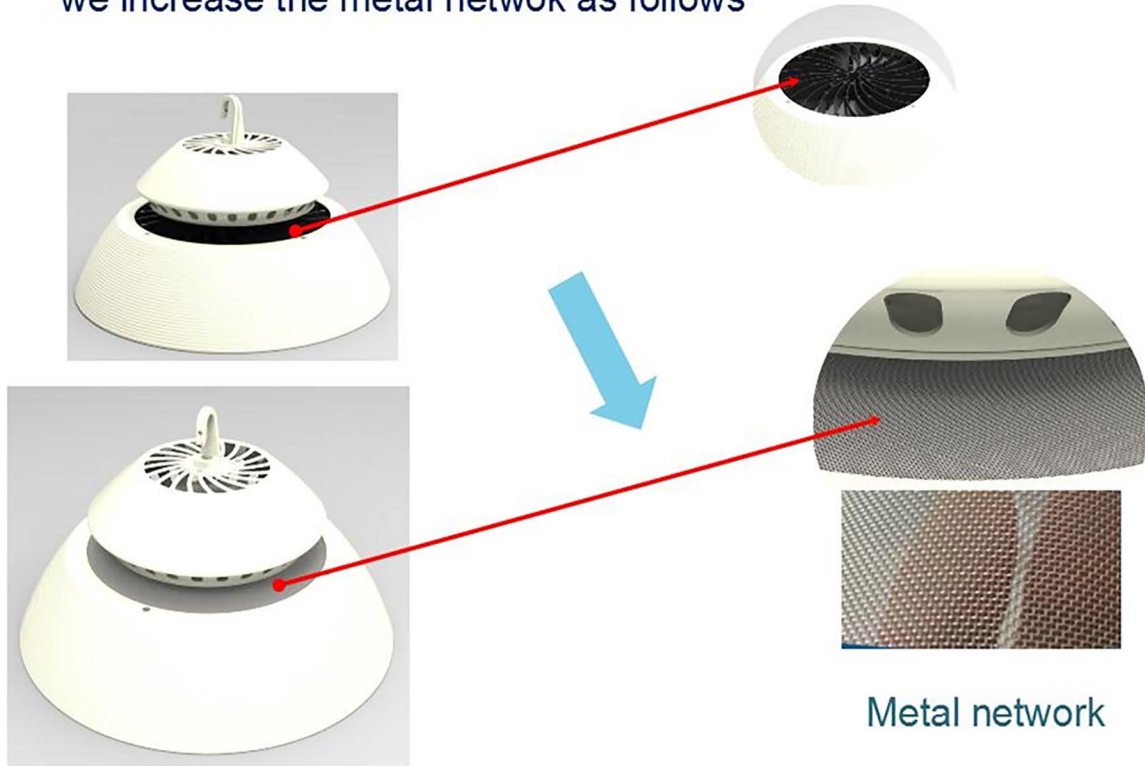


Operating voltage	120~277Vac, 50Hz/60Hz
Rated capacitive load	120V@400W;220-240V@800W;277V@1000W
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(standby), <1W(operation)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	10% / 50% / 75% / 100%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	2lux/5lux / 10lux / 25lux / 50lux / 100lux / Disable
Stand-by period	0s / 5s / 5min / 10min / 30min / 1h / +∞
Stand-by dimming level	10% / 20% / 30% / 50%
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation), 360°(ceiling installation)
Operating temperature	-35℃ ~70℃
IP rating	IP20

LED High Bay JK series - UL DLC

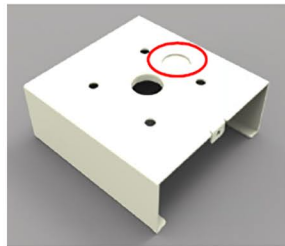
Metal mesh to seal reflector from insects

In order to prevent insects going into the light from heat sink, we increase the metal network as follows



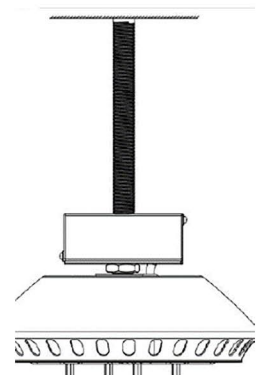
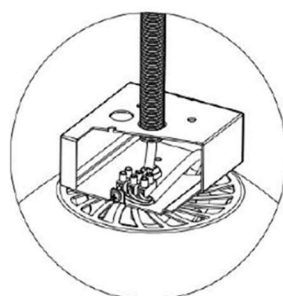
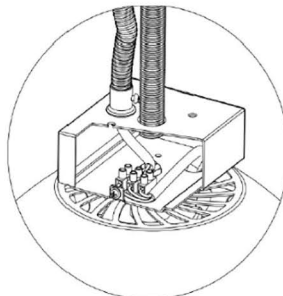
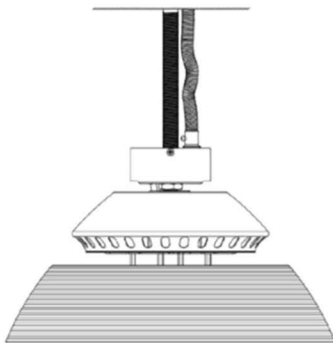
Boom installation

The cable goes through the conduit pipe next the rod. The rod only bears weight.



3/4 " knock out for conduit feed

Power supply cable go through the rod (black part).



LED High Bay J series - UL DLC

LED HIGHBAY LIGHT



This LED Highbay performs efficiently and is designed to be placed between 6-12 meter mounting heights with minimized glaring level. A unique feature is the quick disconnected cable, it can quickly separate the driver from the LED module for easy maintenance. The unit comes with a hook made of die-cast aluminum for a strong and easy installation. At the same time, hanging bar, and Bracket mounting are available. The adoption of nano reflector dramatically decreased the glares and make the light comfortable to eyes.



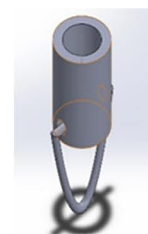
Features

- | | |
|--|---|
| • Protective Level IP65 | • Different Mounting Bracket is available |
| • Aluminum Die-Casting Body with LED Module | • World's First Patented -Nano Reflector |
| • UV Stabilized powder coated finish | • Finish-White/Black/Grey/Others |
| • Superior to replace Mercury lamp, Sons, Metal halide | • System efficacy > 105 Lm/W |
| • UL, DLC, CUL, CE, ROHS, CCC Cetification | • 100,000 hours life with 5 years' warranty |

- | | |
|---|----------------------------------|
| • Universal Input 100 - 277 VAC | • - 30 < > + 50 ° C environment |
| • System Efficacy > 100 lm/W | • World Original -Nano Reflector |
| • Aluminum Die-Cast Body w/LED Module | • PF > 90 • IP65 |
| • Cree Chip with Meanwell Driver | |
| • Different Mounting Bracket Available | |
| • UL, DLC, CUL, CE, ROHS, CCC Certification | |
| • UV Stabilized Powder Coated Finish | |
| • 100,000 Hr Life w/5 Year Warranty | |



Wire Guard



Mount B

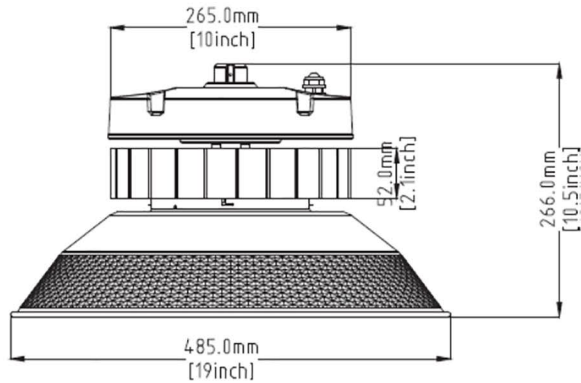
Item Codes

LHB-J80-(D/A)(30/35/40/50)-N-(A/B)	80W, 8400 Lumen, Dimm/Non-Dimm, 3000/3500/4000/5000 K, Nano, Mount A/B
LHB-J80-(D/A)(30/35/40/50)-NW-(A/B)	* with wire guard
LHB-J150-(D/A)(30/35/40/50)-N-(A/B)	150W, 15750 Lumen, Dimm/Non-Dimm, 3000/3500/4000/5000 K, Nano, Mnt (A/B)
LHB-J150-(D/A)(30/35/40/50)-NW-(A/B)	* with wire guard
LHB-J180-(D/A)(30/35/40/50)-N-(A/B)	180W, 18900 Lumen, Dimm/Non-Dimm, 3000/3500/4000/5000 K, Nano, Mnt (A/B)
LHB-J180-(D/A)(30/35/40/50)-NW-(A/B)	* with wire guard
LHB-J220-(D/A)(30/35/40/50)-N-(A/B)	220W, 23100 Lumen, Dimm/Non-Dimm, 3000/3500/4000/5000 K, Nano, Mnt (A/B)
LHB-J220-(D/A)(30/35/40/50)-NW-(A/B)	* with wire guard

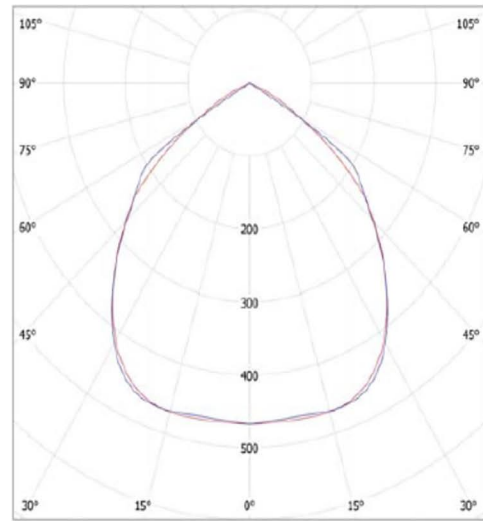
LED High Bay J series - UL DLC

80, 100, 120 watts

Dimension

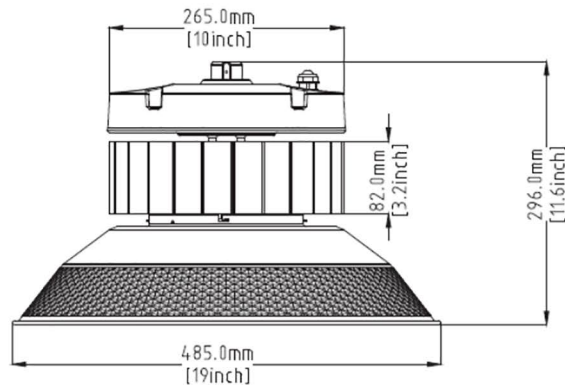


Photometric Curve

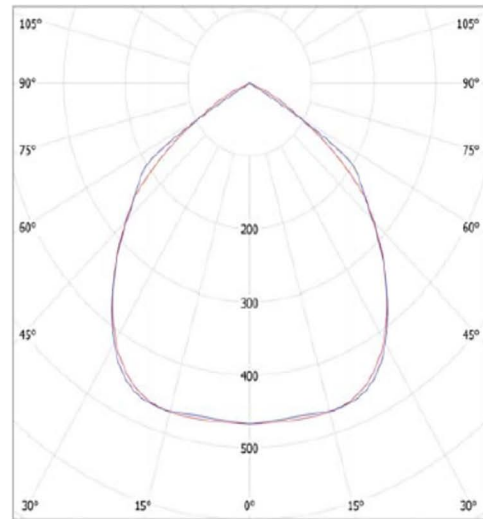


140, 150, 160 watts

Dimension

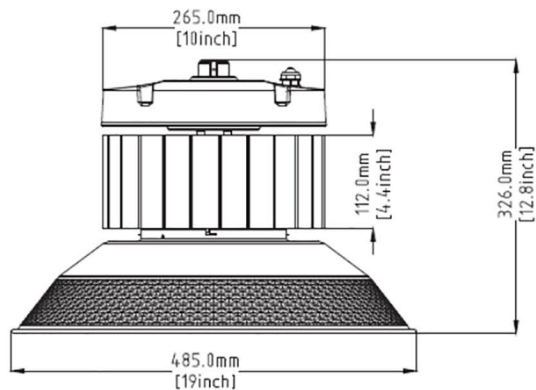


Photometric Curve

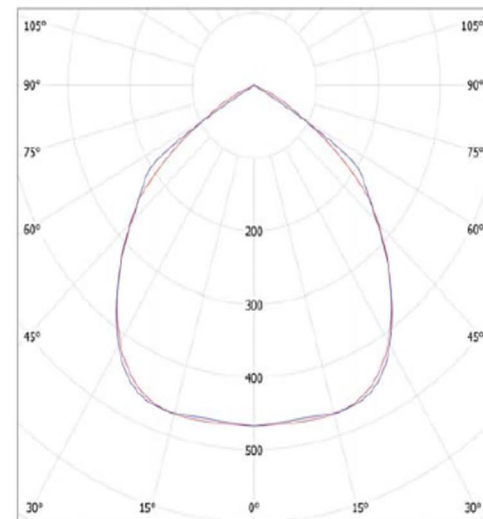


180, 200, 220 watts

Dimension

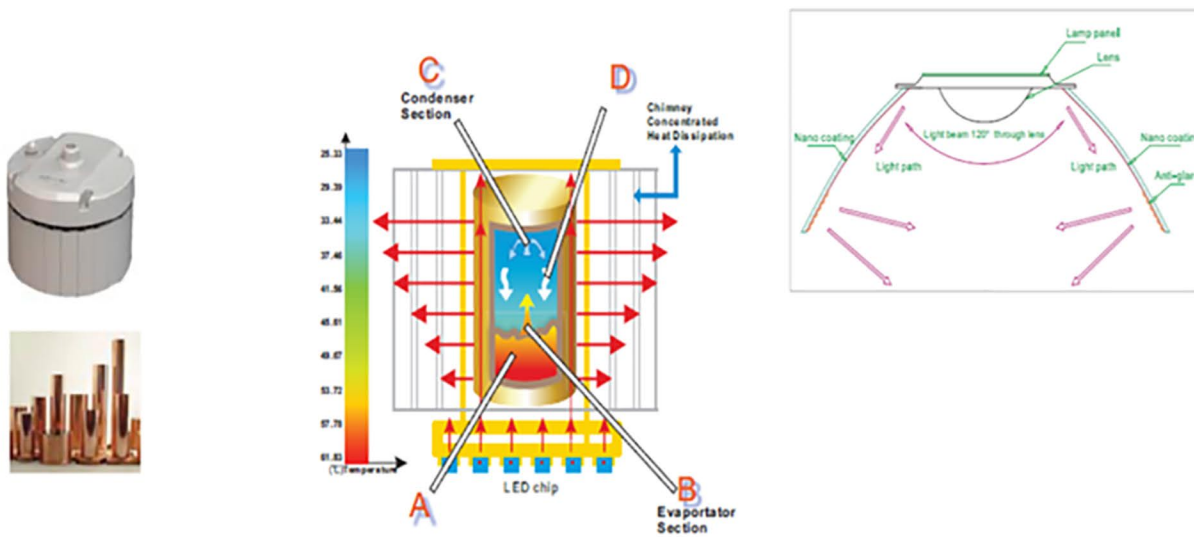


Photometric Curve

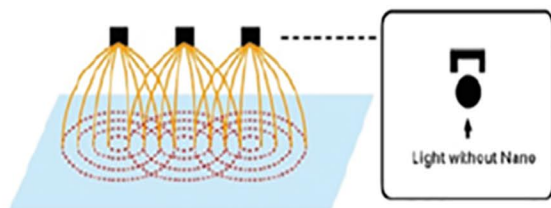


LED High Bay J series - UL DLC

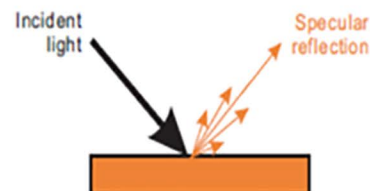
Heat Sink Working Mode



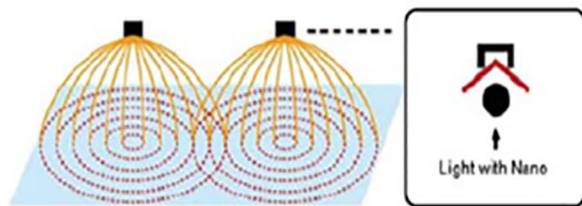
Nano Reflection



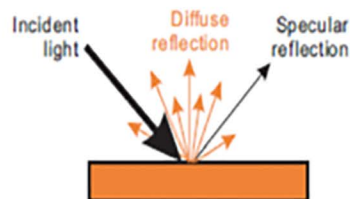
Light without Nano Reflector
(Low scattering rate, Concentrated light, Cover less space
Use more quantity of light and fixture, Waste of resources)



Light without Nano Reflector
Incident light
Specular reflection



Light with Nano Reflector
(High scattering rate, wide lighting area, Cover more space
Use less quantity of light and fixture, Saving resource)



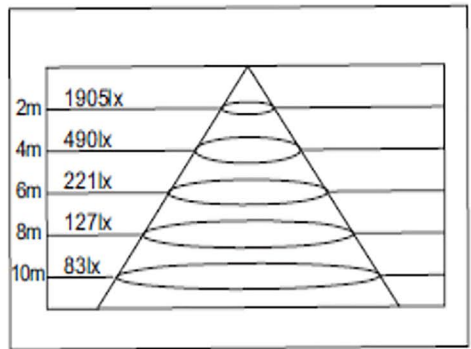
Light with Nano Reflector
Incident light
Specular reflection
Diffuse reflection

LED High Bay J series - UL DLC

Clear Plastic Disk Diffuser Reflector

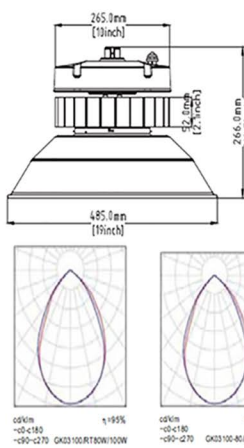


- Die cast aluminum driver casing with powder coated finish for corrosion resistance, professional heat transformation heatsink
 - Newly designed high temperature resistant polycarbonate (PC) hood
 - Professional photometric design with high transparency glass lens
 - Cree LED chip efficiency reaching 135 lm/W
 - Meanwell driver with 120-277 VAC input voltage
- 100,000 hrs lifespan w/5 year warranty

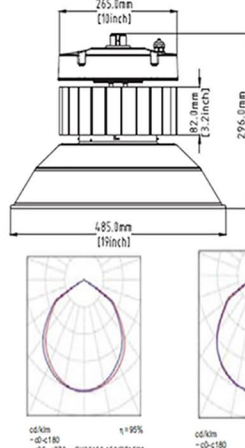


Single lamp LUX(200W)

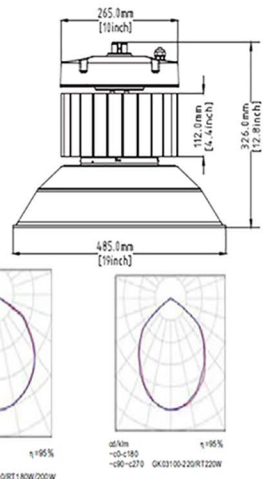
80/100/120 Watts



140/150/160 Watts



180/200/220 Watts



Item Codes

LHB-J80-(D/A)(30/35/40/50)-DP-(A/B) 80W, 8400 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Disk Diffuser, Mnt (A/B)

LHB-J80-(D/A)(30/35/40/50)-DPC-(A/B) Same as above, Disk Diffuser with Cover

LHB-J150-(D/A)(30/35/40/50)-DP-(A/B) 150W, 15750 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Disk Difusr, Mnt(A/B)

LHB-J150-(D/A)(30/35/40/50)-DPC-(A/B) Same as above, Disk Diffuser with cover

LHB-J180-(D/A)(30/35/40/50)-DP-(A/B) 180W, 18900 Lumen, Dim/Non-Dim, 3000/3500/4000/5000 K, Disk Difusr, Mnt(A/B)

LHB-J180-(D/A)(30/35/40/50)-DPC-(A/B) Same as above, Disk Diffuser with Cover

LHB-J220-(D/A)(30/35/40/50)-DP-(A/B) 220W, 23100 Lumen, Dim/Non-Dim, 3000/3500/4000/5000 K, Disk Difusr, Mnt(A/B)

LHB-J220-(D/A)(30/35/40/50)-DPC-(A/B) Same as above, Disk Diffuser with Cover

LED High Bay J series - UL DLC

Clear Plastic Cone Diffuser Reflector



This LED Highbay performs efficiently and is designed to be placed between 6-12 meter mounting heights with minimized glaring level. A unique feature is the quick disconnected cable, it can quickly separate the driver from the LED module for easy maintenance. The unit comes with a hook made of die-cast aluminum for a strong and easy installation. At the same time, hanging bar, and Bracket mounting are available. The adoption of plastic reflector makes lights more comfortable. They are superior to be used in supermarket.



Features

- | | |
|--|--|
| <ul style="list-style-type: none">• Protective Level IP65• Aluminum Die-Casting Body with LED Module• UV Stabilized powder coated finish• Superior to replace Mercury lamp, Sons, Metal halide• UL, DLC, CUL, CE, ROHS, CCC Cetification | <ul style="list-style-type: none">• Different Mounting Bracket is available• Prismatic Reflector• Finish-White/Black/Grey/Others• System efficacy > 105 Lm/W• 100,000 hours life with 5 years' warranty |
|--|--|

- | | |
|---|---|
| <ul style="list-style-type: none">• Universal Input 100 - 277 VAC.• PF > 90 • IP65• Clear diffusser reflector• Cree Chip with Meanwell Driver• Different mounting bracket available• UL, DLC, CUL, CE, ROHS, CCC Cetification | <ul style="list-style-type: none">• - 30 < > + 50 ° C environment• Aluminum Die-Cast Body w/LED Module• System efficacy > 100 lm/W• 100,000 hour life with 5 year warranty• UV stabilized powder coated finish |
|---|---|



Mount B

Item Codes

LHB-J80-(D/A)(30/35/40/50)-CP-(A/B) 80W, 8400 Lumen, Dimm/No-Dim, 3000/3500/4000/5000 K, Cone Diffuser, Mnt (A/B)
LHB-J80-(D/A)(30/35/40/50)-CPC-(A/B) Same as above, Cone Diffuser with Cover

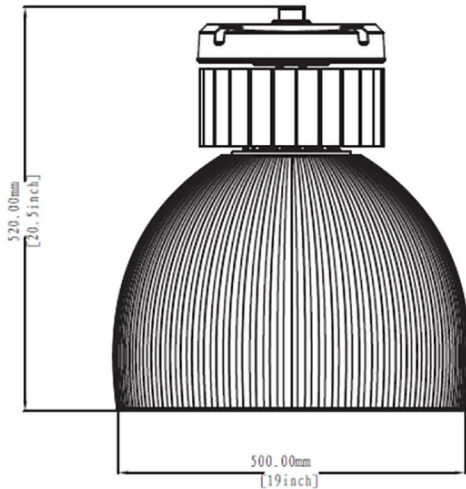
LHB-J150-(D/A)(30/35/40/50)-CP-(A/B) 150W, 15750 Lumen, Dimm/No-Dim, 3000/3500/4000/5000 K, Cone Difusr, Mnt(A/B)
LHB-J150-(D/A)(30/35/40/50)-CPC-(A/B) Same as above, Cone Diffuser with cover

LHB-J180-(D/A)(30/35/40/50)-CP-(A/B) 180W, 18900 Lumen, Dimm/No-Dim, 3000/3500/4000/5000 K, Cone Difusr, Mnt(A/B)
LHB-J180-(D/A)(30/35/40/50)-CPC-(A/B) Same as above, Cone Diffuser with Cover

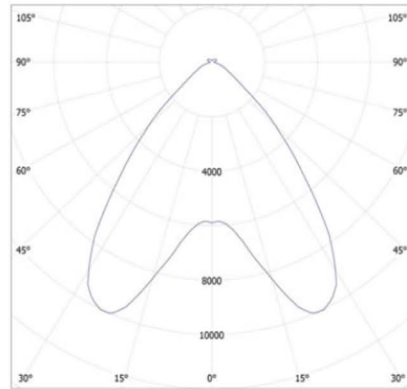
LHB-J220-(D/A)(30/35/40/50)-CP-(A/B) 220W, 23100 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Cone Difusr, Mnt(A/B)
LHB-J220-(D/A)(30/35/40/50)-CPC-(A/B) Same as above, Cone Diffuser with Cover

LED High Bay J series - UL DLC

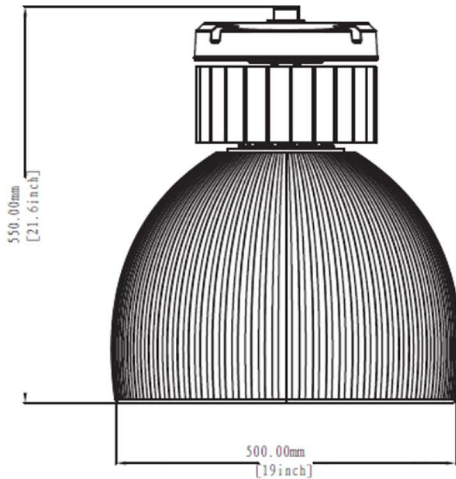
80, 100, 120 watts



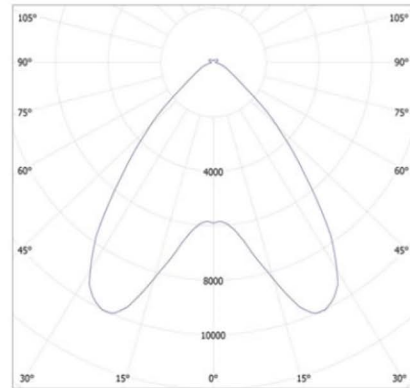
Photometric Curve



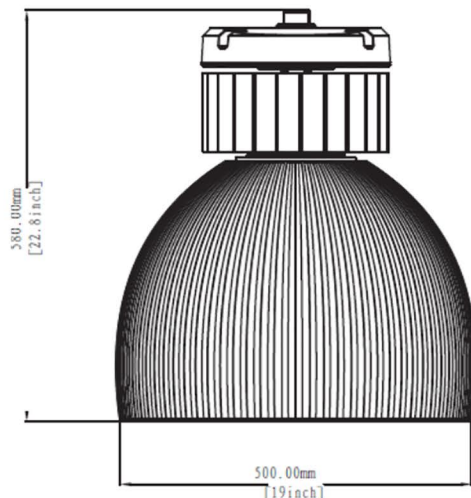
140, 150, 160 watts



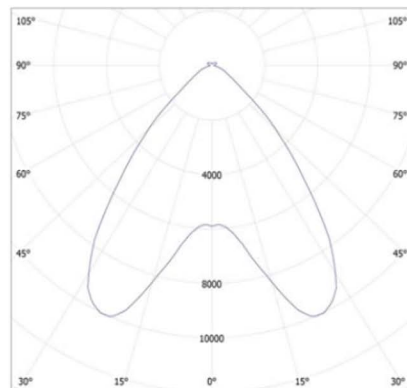
Photometric Curve



180, 200, 220 watts



Photometric Curve



Dome Metal Reflector, Wire Guard



Metal Dome 20" Diameter

Item Codes

LHB-J80-(D/A)(30/35/40/50)-MD-(A/B) 80W, 8400 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Metal Dome, Mnt (A/B)

LHB-J80-(D/A)(30/35/40/50)-MDW-(A/B) Same as above, Metal Dome with Wire Guard

LHB-J150-(D/A)(30/35/40/50)-MD-(A/B) 150W, 15750 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Metal Dome,Mt(A/B)

LHB-J150-(D/A)(30/35/40/50)-MDW-(A/B) Same as above, Metal Dome with Wire Guard

LHB-J180-(D/A)(30/35/40/50)-MD-(A/B) 180W, 18900 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Metal Dome,Mt(A/B)

LHB-J180-(D/A)(30/35/40/50)-MDW-(A/B) Same as above, Metal Dome with Wire Guard

LHB-J220-(D/A)(30/35/40/50)-MD-(A/B) 220W, 23100 Lumen, Dim/No-Dim, 3000/3500/4000/5000 K, Metal Dome,Mt(A/B)

LHB-J220-(D/A)(30/35/40/50)-MDW-(A/B) Same as above, Metal Dome with Wire Guard