

SPECIFICATION



HB8 UFO HIGH BAY (For Food Industry)

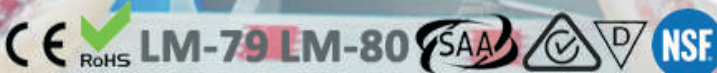
Features



NSF UFO High Bay

Designed for Food Industry

- > LUMILEDS LUXEON High Brightness SMD3030 LEDs, SOSEN/Meanwell ELG/HLG Driver;
- > IP66/IP69K Protection, IK10 Impact Resistant;
- > 60°/90°(with lens)/120°(without lens) beam angle optional;
- > D-Mark with Toughened Glass;
- > Multiple Installations: Loop Hanging, Ceiling Mounting;
- > Various intelligent control: 1-10V, DALI, Motion sensor, Daylight sensor, Zigbee;
- > PC Cover: Safe for Food Processing Applications;
- > Customized supported for special projects;



- > High brightness LUXEON SMD3030 LEDs, energy efficient - up to 140LPW;
- > Die-casting Al for excellent heat dissipation;
- > Superior PC reflector-optic for low glare applications, PMMA, glass cover available;
- > NSF standard, IP66/IP69K and IK10 especially designed for food industry;
- > Driver and housing separated by spacers;
- > Adjustable ripple-lens optic with 60°/90°/120° beam angle;
- > D-Mark tested for the use in paper production, wood processing etc;
- > No UV or IR and completely mercury free;
- > L80/B10 @ 50.000h;

Options:

- > Driver: Meanwell ELG/HLG(Retangle), Sosen(Retangle)
- > Controls and Dimming: Zigbee wireless control / 1-10V Dimming / Motion sensor / Emergency / DALI control / Daylight sensor.
- > Reflector : PC reflector with / without cover. pipe mounting.
- > Installation: Loop hanging;

Application

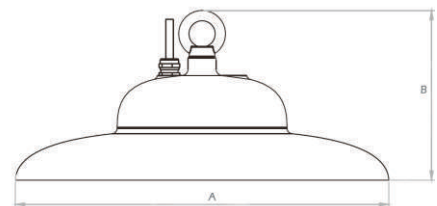
- > Food Processing Factory, Farm, Supermarket
- > Factories / Warehouses / Workshops
- > Exhibitions & showrooms
- > Barns and riding halls
- > High rooms and halls
- > Traditional lamp replacement

Technical Parameters

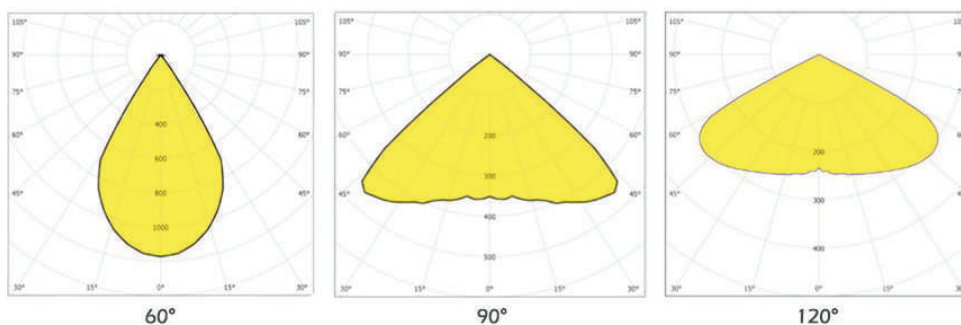
Model No.	DR-HB100-GGXP	DR-HB150-GGXP	DR-HB200-GGXP
System Watts/W	100W	150W	200W
System Efficiency/LPW	140LPW		
Lumen Output/Im	14.000±5%	21.000±5%	28.000±5%
Rated Input Voltage/V	AC100~277V 50/60Hz		
LEDs Light Source	SMD3030		
SDCM	<6		
CCT/K	3000K/4000K/5000K/5700K/6500K		
CRI/Ra	>80Ra (>70Ra for Option)		
Power Factor	>0.95		
THD	<10%		
Beam Angle(Optional)	60°/90°/110°		
UGR	<25		
Surge Protection	6~10KV SPD built in Driver, Exterior SPD 10KV(PHILIPS) or 20KV Meanwell Optional		
LED Driver	Meanwell ELG/HLG, Sosen		
IP Rating	IP66		
Dimming(Optional)	0/1-10V/DALI/Zigbee		
Sensor(Optional)	Motion Sensor/Daylight Sensor		
Emergency(Optional)	Available		
Protection Class	Class I		
Finishing Color(Optional)	Black RAL9017 / White RAL9016		
Material	Aluminum+PC		
Lifespan/hrs	>50.000 Hrs (Ta=30°C @L70)		
Operation Temp/°C	-40°C to + 50°C(-40°F to 122°F)		
Storage Temp/°C	-40°C to + 65°C(-40°F to 149°F)		
Dimension/mm	Φ400*182mm		
Installation(Optional)	Loop Hanging		
Certificate	CE(EMC+LVD), RoHS, TUV/GS, D-Mark, SAA, RCM Available;		

Dimensions

Character/Power	100W	150W	200W
A	Ø400mm		
B	182mm		

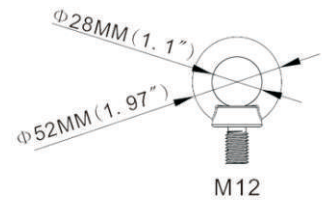
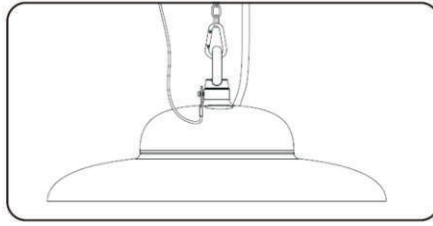
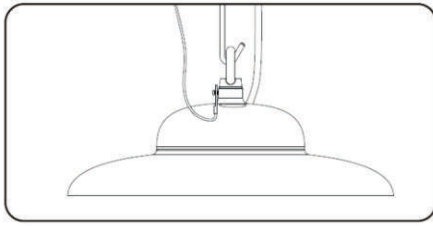


Photometry Diagram



Installation

Loop Hanging



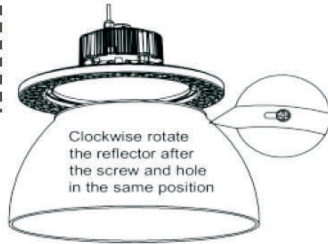
Reflector Installation

Physical Dimensions

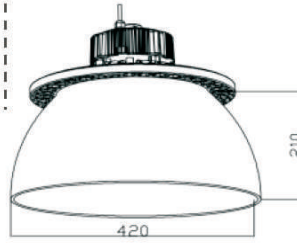
1.



2.



3.



Wiring Diagram

L	brown	black
N	blue	white
⊕ GND	yellow/green	green

Dimmable

DIM+	blue	brown	purple	white
DIM-	white	blue	gray	black

WARNING !

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



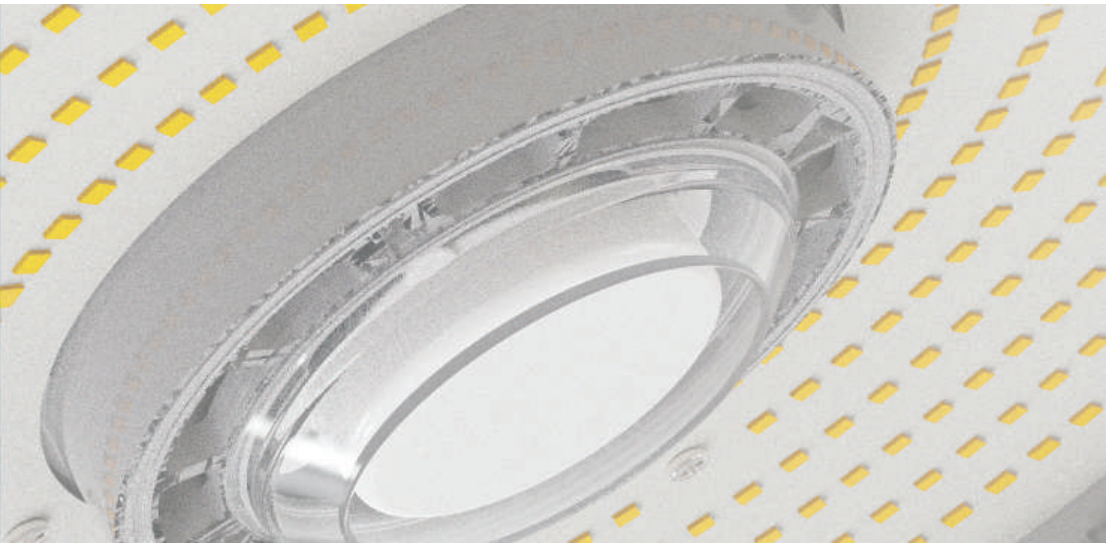
Turn Off Power Supply

Packaging Information

Model No.	Net Weight/Kg	Outer Carton Size/mm	Gross Weight/Kg	QTY"/CTN
DR-HB100-GGXP	8.1	L410xW410XH160	8.8	1PCS
DR-HB150-GGXP	8.4	L410xW410XH160	9.2	1PCS
DR-HB200-GGXP	8.9	L410xW410XH160	9.7	1PCS

Details Demo

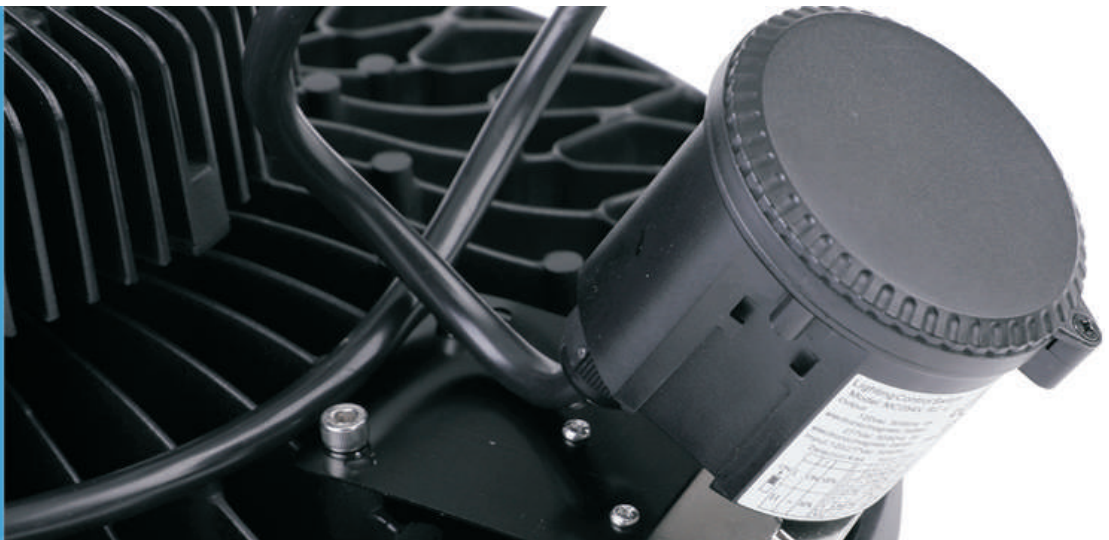
Pluggable Built-in
Motion Sensor
Design>>>



NSF Standard
IP66/IP69K Safe-
ty,Smooth Design
without Glass or
Exposed Screws
>>>



Microwave Sensor
for Option>>>



Zigbee Wireless Smart Control>>>



KNX Protocol Device with KNX Bus (2/4/8/12 Channel for Option)>>>



Application Reference



