

LUMINAXLED™

— PERFORMANCE LIGHTING —



Motion Sensor Highbay Lights

H03MS

- Microwave Sensor 5.8G
- 3 or 2 steps dimming control
- Max detection distance 15m
- Energy-efficient with Motion Sensor



MOTION SENSOR HIGH BAY LIGHT

BROCHURE

MOTION SENSOR LED HIGH BAY SPEC H03MS



Mircrowave Sensor 5.8G
3 or 2 steps dimming control
Max detection distance 15m
Energy-efficient with Motion Sensor



IP65 CE RoHS [DE GS UL DLC CB SAA FC] (Applying)

■ Matters needing attention

- Before installing the lighting fixtures, please read this instruction manual carefully.
- The lighting fixtures should be installed, connected and tested by a certified installer based on the local regulations.
- Lamps should always be installed or replaced with care.
- Please check the local voltage in accordance with the product requirements before using the product.
- Relamping only can be done when the power is off and the lamp is completely cooled down.
- When a lamp is to be cleaned, make the power off and let it cool down completely. Clean the fixture with a soft cloth and a standard PH neutral detergent. Stainless steel finishing should be maintained regularly.
- Misuse of, or changes to the fixture shall nullify the guarantee.
- Don't cover the fixtures with flammable materials.
- Exclusively replaced by the manufacturer or his service agent or the similar qualified person in order to avoid a hazard.

■ S/N Rules

S/N:ABCDEFX

1 2 3 4 5 6

EX:L07GK206511030000X

1 2 3 4 5 6

- 1 Model
- 2 PC Lens : K=Frosted T=Clear
- 3 Power : 20=20W 30=30W 40=40W 50=50W 65=65W
- 4 Color Range : 30=WW(3000K) 40=NW(4000K) 50=DW(5000K)
60=CW(6000K)
- 5 Date : 11=2011 Year 03=March
- 6 Quantity : 00001-99999PCS

■ Temperature Characteristics T-ambient 25°C

Temperature

Ambient -30~+50 °C
Storage -40~+85 °C

■ Electrical Characteristics

Input Voltage:

US:AC120~277V 50/60Hz
EU:AC220~240V 50/60Hz
PF: ≥ 0.93 THD<20%
Power Efficiency: ≥ 0.9



1. Features

- The Max detection distance can get to 15m
- Stable detection sensitivity
- 3 or 2 steps dimming control
- Energy-efficient with Motion Sensor
- UFO High Bay Patented Design
- 4 Series products can meet the demand of different customers and markets
- Loop hang and wall mounted for convenient installation and maintenance
- 60°90°110°beam angle with Lens
- Unique heatsink design for stable product performance
- Built-in active PFC function
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

2. Application

COMMERCIAL LIGHTING

Hospital
Supermarkets
Shopping mall
School
Etc

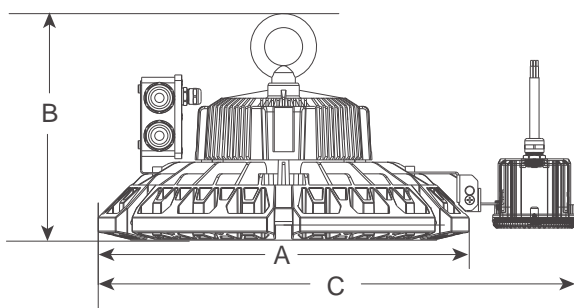
PUBLIC LIGHTING

Street
Tunnel
Airports
Sports
Train stations
Bus stations
Theatres
MTR stations
Etc

INDUSTRIAL LIGHTING

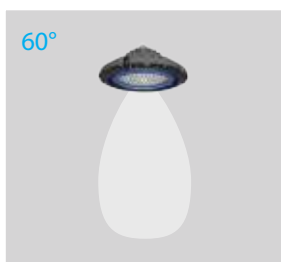
Manufacture
Warehouses
Park
Exhibition centers
Gas stations
Toll stations
Gymnasium
Etc

3. Product Dimension



Model NO.	Size A(mm)	Size B(mm)	Size C(mm)
H03MS-xxNC-R320	320	195	410
H03MS-xxNC-R380	380	220	474

- A choice of tailored optics ensures optimised performance for a range of applications.



4. Parameter

Model NO.	Power (W)	Light Source	LED QTY (pcs)	CCT (K)	Clear Cover (Without reflector) Lumens Lm/W		CRI	Beam Angle	Recommended Installation Height (m)
H03MS-8NC-R320	80	3030	105	4000K	10000	125	>70/80	60°/90°/110°	6-12
H03MS-10NC-R320	100	3030	105	4000K	12500	125	>70/80	60°/90°/110°	6-12
H03MS-12NC-R320	120	3030	140	4000K	15000	125	>70/80	60°/90°/110°	6-12
H03MS-15NA-R320	150	3030	147	4000K	18750	125	>70/80	60°/90°/110°	6-12
H03MS-15NC-R380	150	3030	168	4000K	18750	125	>70/80	60°/90°/110°	6-12
H03MS-20NC-R380	200	3030	196	4000K	25000	125	>70/80	60°/90°/110°	6-12
H03MS-24NC-R380	240	3030	252	4000K	30000	125	>70/80	60°/90°/110°	6-12

CCT Range WW(3000K) NW(4000K) DW(5000K) CW(6500K)

■ B. Motion Sensor Technical Data

1. Micro-sensor Data

Sensor Distance
MAX.8mMounting Height
MAX.15MLight
SensorHold Time
5s~30minMicro-Wave
5.8GHZAutomatic
Dimming

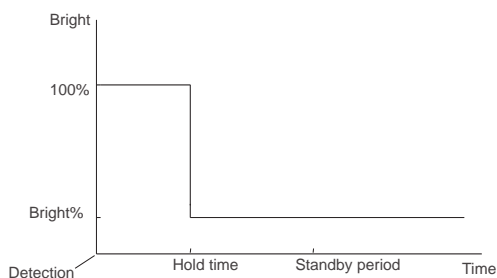
■ Option : 3 or 2 steps dim Lighting

Operating voltage	120~277Vac, 50Hz/60Hz
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.8W(standby), <1.5W(operation)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	100% / 50%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	50lux / 100lux / 200lux / Disable
Stand-by period	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℃

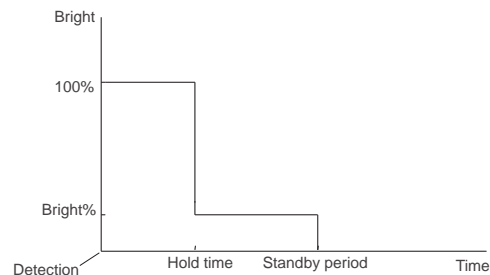


2.The difference about bright with time on 3 steps and 2 steps

2 Steps



3 Steps



3.Function code set

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

ON		1	
I	ON	100%	
II	—	50%	

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

ON		2	3	4	
I	ON	ON	ON	5s	
II	—	ON	ON	30s	
III	ON	—	ON	90s	
IV	—	—	ON	3min	
V	ON	ON	—	20min	
VI	—	—	—	30min	

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

ON		5	6	7	
I	ON	ON	ON	+∞	
II	—	ON	ON	60min	
III	ON	—	ON	30min	
IV	—	—	ON	10min	
V	ON	ON	—	5min	
VI	—	—	—	5s	

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

ON		8	9	
I	ON	ON	50%	
II	—	ON	30%	
III	ON	—	20%	
IV	—	—	10%	

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

ON		10	11	12	
I	ON	ON	ON	Disable	
II	—	ON	—	200lux	
III	ON	—	—	100lux	
IV	—	—	—	50lux	

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

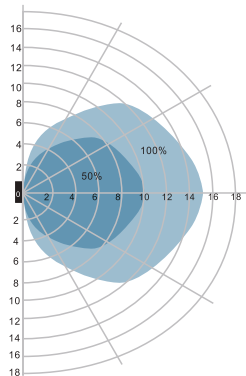
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.

Note that daylight sensor is active only when lamp totally switches off.

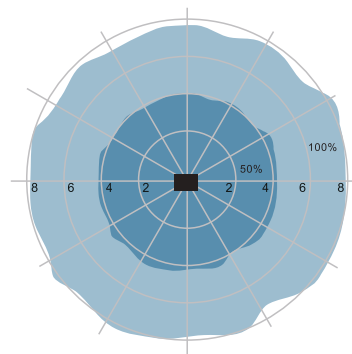


5. Installation

1. Detection Pattern



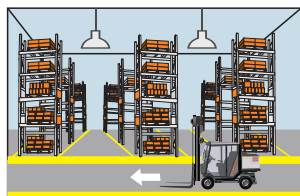
Wall mounting pattern (Unit: m)
Suggested installation height: 1-1.8m



Ceiling mounting pattern (Unit: m)
Suggested installation height: 2.5-6m

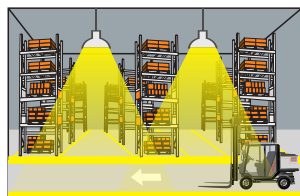
2. Steps dimming control demonstration

Step 1



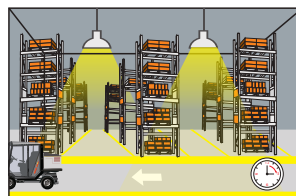
With sufficient natural light, the light does not switch on when presence detected

Step 2



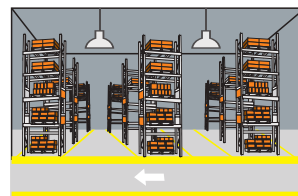
The sensor switches on the light automatically when person enters the room

Step 3



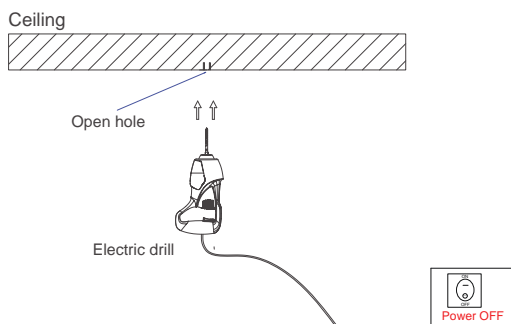
People left, light dims to 35% standby level after the hold time

Step 4

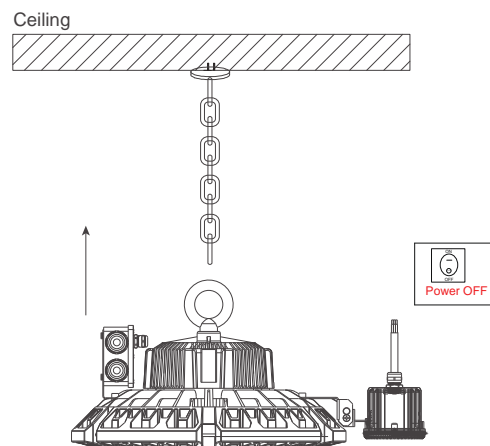


Light switches off automatically after the standby period elapsed.

A. Suspending

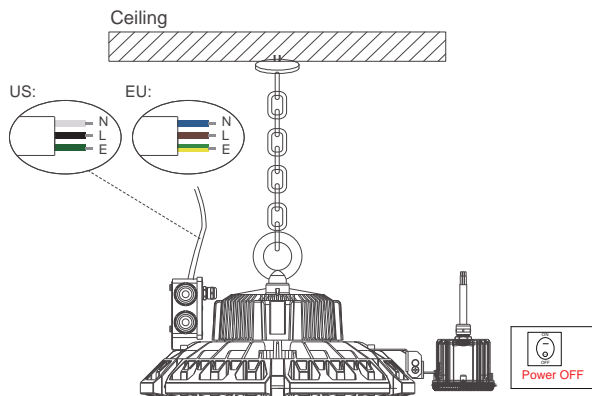


A : Make a right position and screw hole

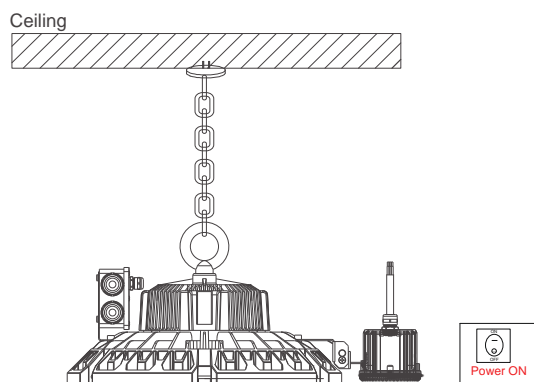


B: Hook mounted



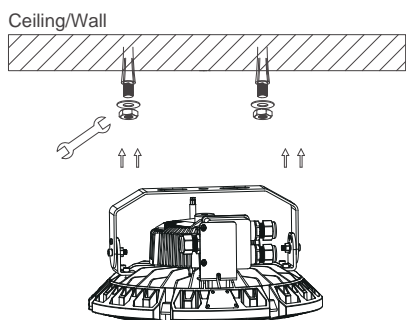


C. Connect the wire by junction box after power-off.

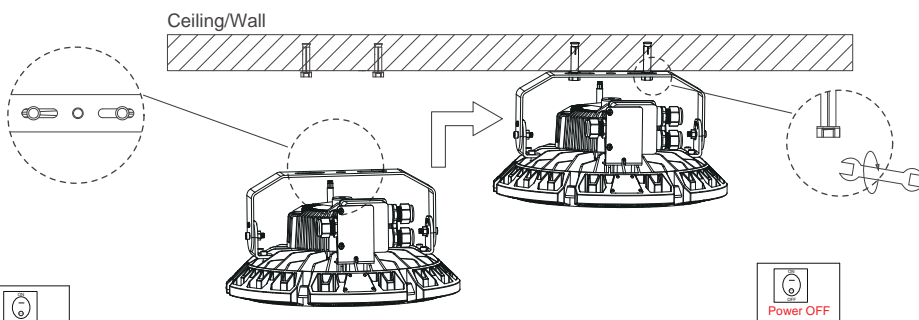


D: Adjust the position of the fixture and clean it.

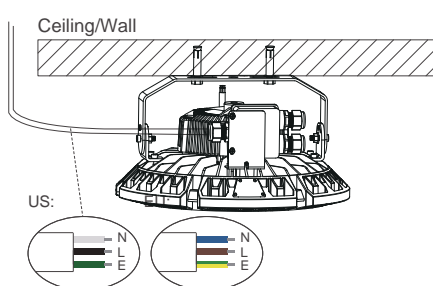
B. Ceiling Mounted



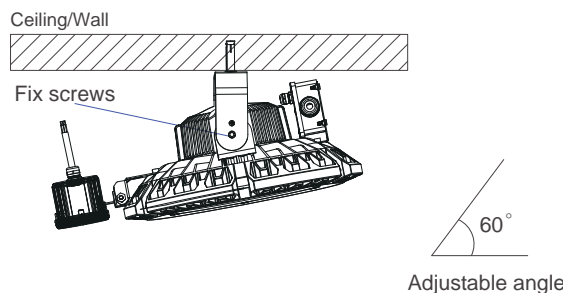
A : Install the setscrews



B: Put the lamp card into the setscrews and lock it tightly



C. Connect the power cable.



D: Adjust the lamp angle and clean it.



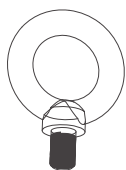
The luminaires are intended for indoor use or under shelter for outdoor use.



Please Note:

All the operations must be in the condition of power off





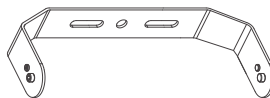
Loop

One package two pcs



Steel cable

One package two pcs



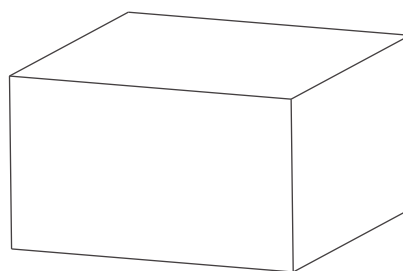
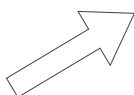
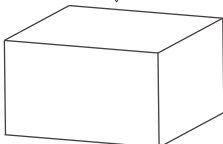
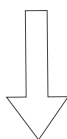
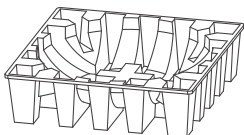
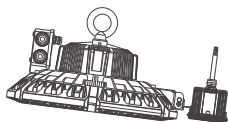
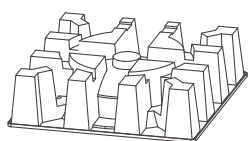
Metal Card

One package two pcs

Standard accessories

Optional accessories

6.Packaging



1 pcs/ carton

Model No.	Single Box	Pcs/ctn	N.W.(kg)	G.W./ctn(kg)	Meas (mm)
H03MS-10NC-R380	1	1	7.22	9.018	437x437x288
H03MS-15NC-R380	1	1	7.46	9.129	437x437x288
H03MS-20NC-R380	1	1	8.22	9.889	437x437x288
H03MS-24NC-R380	1	1	8.22	9.889	437x437x288
H03MS-10NC-R320	1	1	4.30	6.018	372x372x220
H03MS-15NC-R320	1	1	4.30	6.129	372x372x220
H03MS-20NC-R320	1	1	4.75	6.889	372x372x220
H03MS-24NC-R320	1	1	4.86	6.889	372x372x220

■ PLS Note : The current of the package's message pls check with the relative sales .

7.Attention

This specification is for reference only, we reserve the right to change without notice. If you need the updated info, please contact us.

