Specification Sheet

- LED PIR MOTION SENSING FLUSH MOUNT LIGHT-
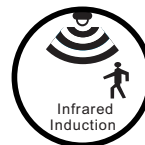
5 YEARS WARRANTY

ETL LISTED c US Intertek

Infrared Induction

Dimmable

SPECIFICATIONS

FEATURE

• Super Thin

• Type IC Rated

• Diffusers:High light transmittance polycarbonate

• It has infrared sensing function, and has two modes of day and night selection switch

  Selecting Day mode: the light will be on when the person enter the infared sensor zone;

  Selecting night mode: when the surrounding is dark and person enter the infared sensor zone ,the light will be on

•The LED fixture is Triac dimming

• NO housing required

• Suitable for damp locations

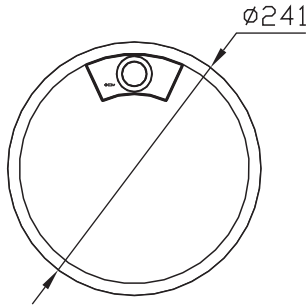• WARRANTY--5-year limited warranty

APPLICATION

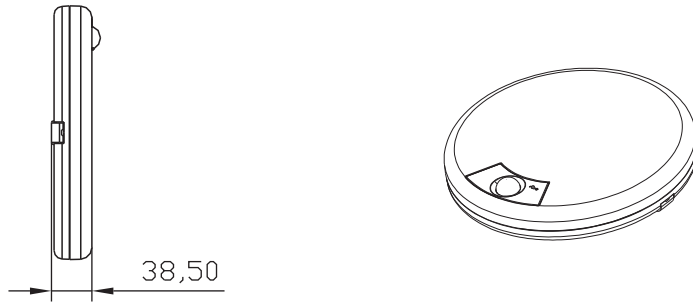• corridor and administration office

SPECIFICATIONS

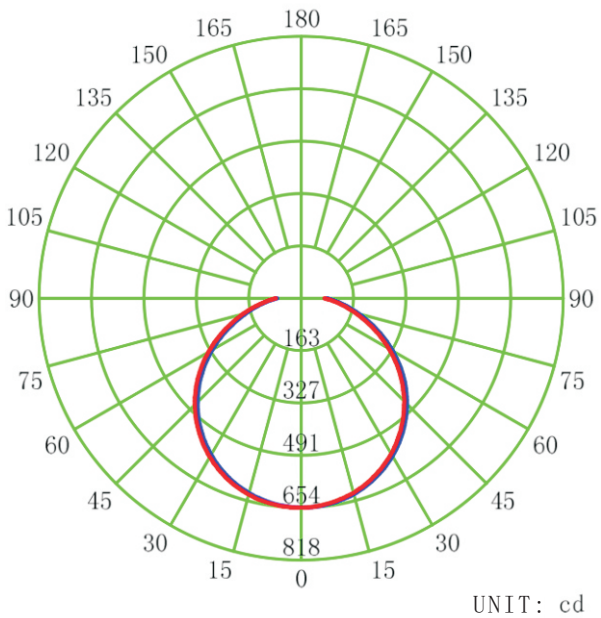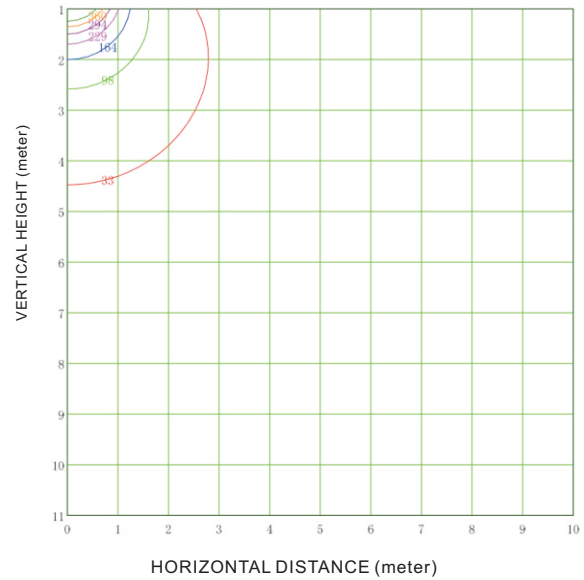| Model No.	HY -FM12-20W-MS-XXK
Power:	20W
Size:	12"
Input Voltage:	120 VAC
Lumens	2600LM
Dimming	Triac dimming
Protection Rating	IP20 (For Indoor Use Only)
Beam Angle	120°
Power Factor	〉0.8
Induction	Infrared induction
Induction Time	45seconds（It goes out 45 seconds after the person leaves）
CCT:	2700K/3500K/4000K/5000K/6500K
CRI:	〉80
Working Life:	Lumen Maintenance over 70% @ 50,000+ Hours
Oper. Temperature	−13°F ~+113°F / -25°C ~+45°C
Certification	ETL

PRODUCT DIMENSIONS

Front View

Side View

Ø241

38,50

PHOTOMETRIC REPORT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

VERTICAL EQUILUMINOUS CURVE

180
165   165
150   150
135   135
120   120
105   105
90   90
163
327
75   75
491
60   60
654
45   45
818
30   30
15   15
0

UNIT: cd

——— C0-C180   ——— C90-C270

VERTICAL HEIGHT (meter)

HORIZONTAL DISTANCE (meter)

MINIMUM ALTITUDE 1.0 M
MAXIMUM ALTITUDE 11.0 M
MAXIMUM ILLUMINATION 654.4 lx

(5%): 32.7 lx	(15%): 98.2 lx
(25%): 163.6 lx	(35%): 229.1 lx
(45%): 294.5 lx	(55%): 359.9 lx
(65%): 425.4 lx	

ORDERING GUIDE

Package Information	
Model No.	HY -FM12-20W-MS-XXK
Size	12"
Qty/Pack	12 PCS
Package Size	505X325X265mm
	19.9"X12.8"X10.4"
Package Weight	6.6 kg/14.6 lbs
Package CBM	0.043493

ORDERING CODE DEFINITION

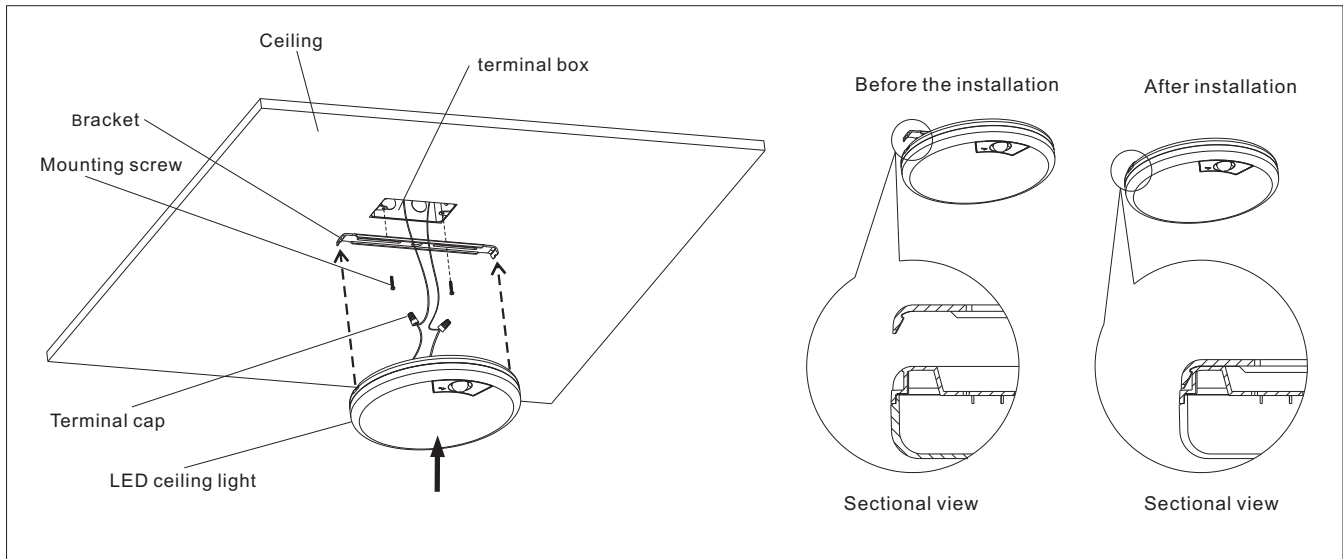| Company Code	Product/Size	Watt	Sensors	XXK
HY	FM12: LED induction ceiling light 12"	20W	MS: Infrared induction	27K: 2700K 30K: 3000K 40K: 4000K 50K: 5000K 65K: 6500K

WARNING

CAUTION:
Turn off Power Supply
1. RISK OF FIRE OR ELECTRIC SHOCK: The electrical rating of this product 120V AC.
2. Danger-Risk Of Shock-Disconnect Power Before Installation
3. WARNING- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
4. Suitable For Damp Locations
5. This product must be installed in accordance with any applicable installation code(s) by a qualified electrician or person familiar with the construction and operation of the product and the hazards involved
6.This Device Is Not Intended For Use With Emergency Exit
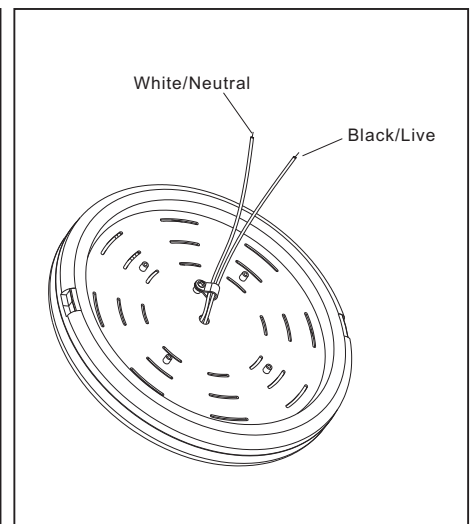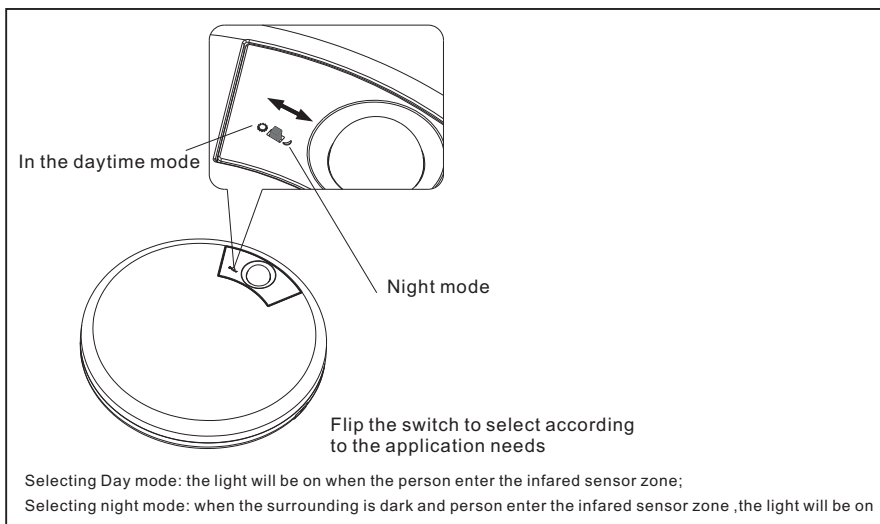
INSTALLATION INSTRUCTION

Steps :

1. Fix the lamp mounting bracket on the junction box with screws

2. Connect cables using wiring caps

3. Hang the lamp on the mounting bracket

(The lamp side slot should be aligned with the lamp mounting bracket and installed in place）

Ceiling

terminal box

Bracket

Mounting screw

Terminal cap

LED ceiling light

Before the installation

After installation

Sectional view

Sectional view

OPERATING GUIDE

1.Scenario mode selection switch

In the daytime mode

Night mode

Flip the switch to select according
to the application needs

Selecting Day mode: the light will be on when the person enter the infared sensor zone;

Selecting night mode: when the surrounding is dark and person enter the infared sensor zone ,the light will be on

2 Wiring Guide

White/Neutral

Black/Live

Accessories bag includes: