

Motion Sensor

DC Bi-Level PIR (Passive Infrared) Motion Sensor



DCMSPIR



On/off control



Daylight sensor



Remote control setting, dimming level



Detection area



Stand-by period



Remote control



Hold time



Stand-by dimming level



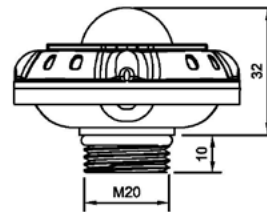
warranty 5 years

Specifications

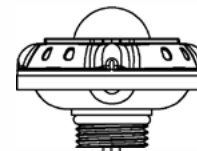
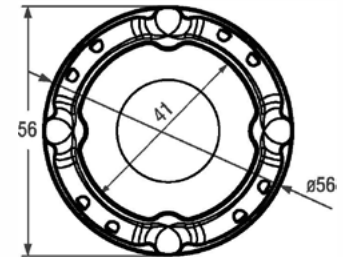
SKU	24975
Product code	DCMSPIR
Description	HB02DPR Dual PD, 6M Highbay
Operating voltage	12±2V DC
Operating current	30mA
Output	DIM 0-10V
Stand-by power	<0.5W
Brightness	0%-100%/Quick setting: 70%/80%/90%/100%
Hold time	10s/1min/10min/30min
Daylight threshold	10Lux/30Lux/50Lux/100Lux/Disable
Stand-by time	1min/30min/60min/+∞
Stand-by dimming level	10%/20%/30%/50%
Detection angle	30-120°
Control line	Pink:+12V; Purple: DIM+; Gray: GND/DIM-
Mounting height	Max.6m(ceiling mounted)
Detection range	Max.08m(ceiling mounted) Max.6m(wall mounted)
Operating temperature	-30°C~+60°C
IP rating	IP65

Note:
 Default setting: Brightness:100%, Hold time:1 min, Stand-by dimming level:20%, Stand-by time: 1 min, Sensitivity: 100%, Daylight Disable.

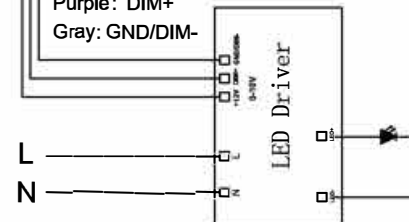
Dimensions



Unit:mm



Pink: +12V
 Purple: DIM+
 Gray: GND/DIM-

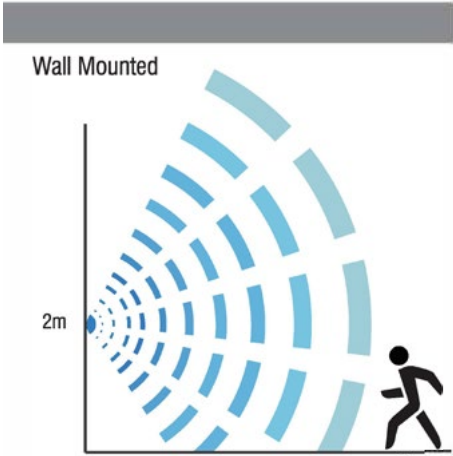
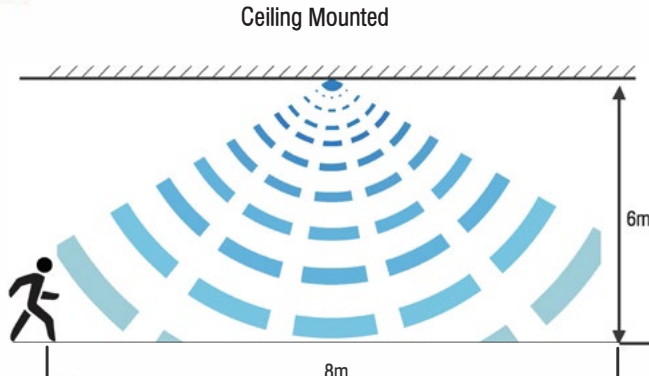


Motion Sensor

DC Bi-Level Microwave Motion Sensor

Detection Coverage

02 Detection coverage

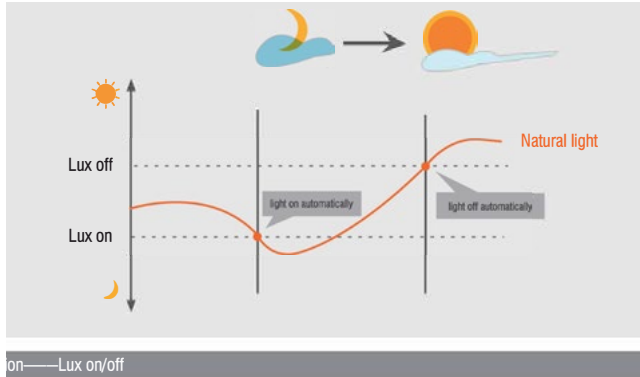


Lux on/off

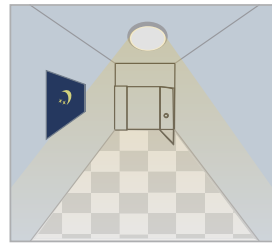
Adopted dual PD technology, HBO2DPR-A is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Stand-by period is $+\infty$;
2. Stand-by dimming level is on 10%, 20%, 30% or 50%;
3. Daylight threshold is on 10Lux, 30Lux, 50Lux or 100Lux.



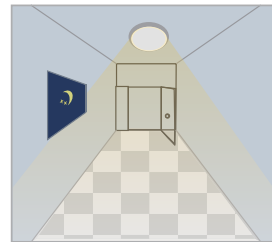
Application – Lux on/off



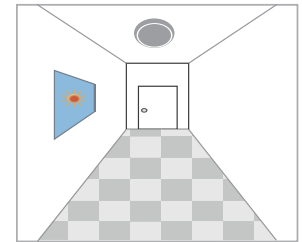
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



Light dims to stand-by level if no motion detected after hold time.



Light off when ambient lux level is higher than preset lux amount.

Product Family Compatibility



SekTor Area Light



HID High Lumen LED Retrofit



Hoverbay Round Highbay



Round Highbay



Essential Round Highbay



HID Highbay Retrofit lamp