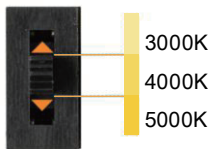
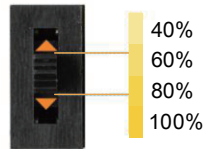


RMS-H2307



KEY ADVANTAGES

- Light Efficiency: 150lm/W;
- Unique design, multiple power and CCT settings controlled by a dip switch
- High bright LUMILEDS LEDs;
- Optional PIR sensor and Emergency Battery;
- 90° lighting beam angle;
- High-transmittance and anti-UV Polycarbonate lens;
- Excellent thermal management design;
- Die-casting aluminum with polyester powder coat finish;
- IP65/IK08 rating for outdoor usage;
- Energy savings, no UV and IR radiations, emits low heat;
- 0/1-10V dimming for low power consumption;
- UL/CE/RoHS approval;
- * 5 years warranty

TYPES OF APPLICATION

- CAR PARKS
- LARGE AREAS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES



CAR PARKS



LARGE AREAS



INDUSTRIAL HALLS & WAREHOUSES



SPORT FACILITIES

RMS-H2307 | CHARACTERISTICS

GENERAL INFORMATION

| | |
|------------------|---|
| Driver included | Yes |
| UL mark | Yes |
| CE mark | Yes |
| RoHS compliant | Yes |
| Safety features | Open circuit protection Short circuit protection Overvoltage protection |
| Testing standard | LM 79-08 (all measurements in ISO17025 accredited laboratory) |

HOUSING AND FINISH

| | |
|--------------------|--|
| Housing | Aluminium |
| Optic | Polycarbonate |
| Protector | Polycarbonate (with integrated lenses) |
| Housing finish | Electrostatic polyester powder coating |
| Standard colour(s) | RAL 9017 black |
| Tightness level | IP 65 |
| Impact resistance | IK 08 |

OPERATING CONDITIONS

| | |
|----------------------------------|--|
| Operating temperature range (Ta) | -35°C to + 45°C |
| Operating Humidity | 10-90%RH |
| Mounting Option | Hook Mount/Conduit Pendant Mount/U-Bracket Mount |
| Warranty | 5 years |

PERFORMANCE

| | |
|---------------------|---------------------|
| Power | 100W/150W/200W/240W |
| Efficacy | 150lm/W |
| Power Efficiency | ≥93% |
| Start Time | ≤0.2S |
| Warm-up time to 60% | 0.5S |

ELECTRICAL INFORMATION

| | |
|---|--|
| Electrical class | Class I EU |
| Nominal voltage | 100-277V/200-480V, 50/60Hz |
| Power factor (at full load) | 0.9 |
| Surge protection options (kV) | 6KV-Line-Line 6KV-Line-Earth |
| Electromagnetic compatibility (EMC) | EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015 |
| Control protocol(s) | 0/1-10V, DALI2 (optional) |
| Emergency | Optional auxiliary battery |
| Total Harmonic Distortion(THD) | IEC 61000-3-2 Class C <20% |
| Driver Type | Constant current(CC) |
| Driver Brand | Lifud |
| For fixed Class 1 luminaires, overvoltage protective devices which comply with IEC 61643-11 shall be disconnected from the circuit. | |
| withstand voltage | 1.5KV 60S 10mA |

OPTICAL INFORMATION

| | |
|----------------------------------|------------------------------------|
| LED Type | LUMILEDS |
| Beam Angle | 90° |
| Recommended installation height | 4m to 12m |
| Color Tolerance | Ra70 ≤7 Ra80 ≤5 |
| LED colour temperature | 3000K / 4000K / 5000K |
| Colour rendering index (CRI) | CRI>70 standard CRI>80 optional |
| Upward Light Output Ratio (ULOR) | 0% |


LIFETIME OF THE LEDS @ TQ 25°C

| | |
|--------------------|-----------------|
| All configurations | |
| L70B10 | > 100,000h |
| L80B10 | > 50,000h |
| L90B10 | > 30,000h |
| Switching Cycles | > 100,000 times |

RMS-H2307

PERFORMANCE

DETAILS



3K

4K

5K

1

2

3

4

CCT AND WATTAGE SELECTABLE

This xtreme has the function of adjusting the lumens output and color temperature on-site.

CCT SELECT

3000K

4000K

5000K

Offer three CCT adjustable (3000K, 4000K, 5000K) or two CCT adjustable (4000K, 5000K)

WATTAGE SELECT

40%

60%


80%

100%

Each model supports 4 positions wattage regulation: 100%, 80%, 60%, 40%

Emergency Battery


25W 3500lm 90min



Install in 3-Seconds

Plug-and-Play PIR Sensor (optional)

PIR sensor allows for security and energy saving



Installation accessory


Available for both hook mount, conduit mount and surface mounting with U-bracket(optional). U-bracket allows to adjust the direction to illuminate any area you need

Transformer BOX

Transformer can be easily added into the Junction-box and convert to HV models, reducing SKUs and inventory pressure

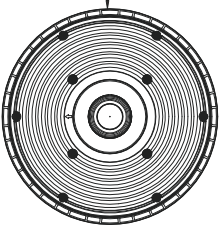
Housing

Rugged die-cast housing with corrosion-resistant powder coating for effective protection ssure

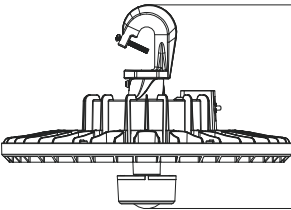


DIMENSION

Ø270.9mm(Ø10.7in)

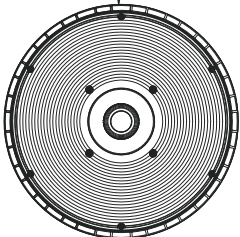


190mm(7.5in)

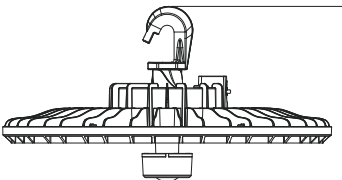


100W/150W

Ø358.9mm(Ø14.1in)



191.3mm(7.5in)



200W/240W

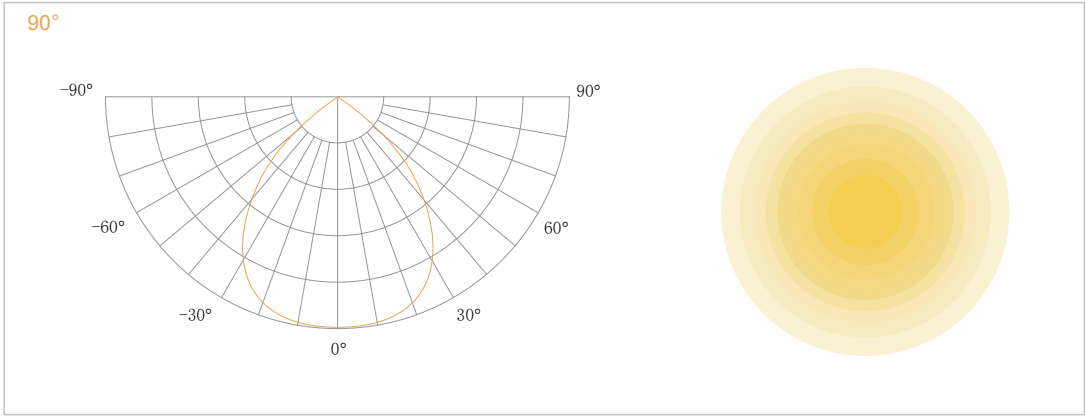
LED Hight Bay Light | 3

RMS-H2307 | PERFORMANCE

STANDARD VERSION

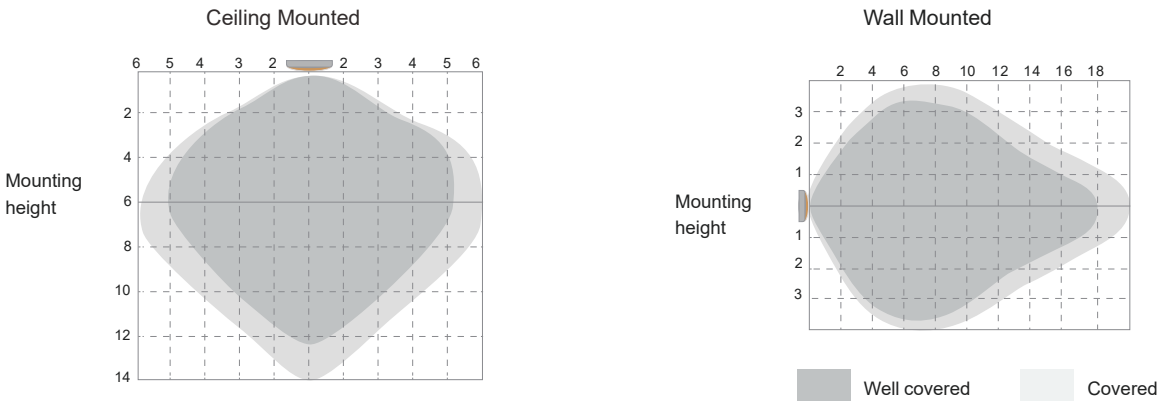
| POWER | | 3000K EFFICACY | | 4000K EFFICACY | | 5000K EFFICACY | |
|-------|------|----------------|---------|----------------|---------|----------------|---------|
| | 100W | | 150LM/W | | 150LM/W | | 150LM/W |
| | 150W | | 150LM/W | | 150LM/W | | 150LM/W |
| | 210W | | 150LM/W | | 150LM/W | | 150LM/W |
| | 230W | | 150LM/W | | 150LM/W | | 150LM/W |

LIGHT DISTRIBUTIONS



DETECTION COVERAGES

Typical installation height 10m
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.



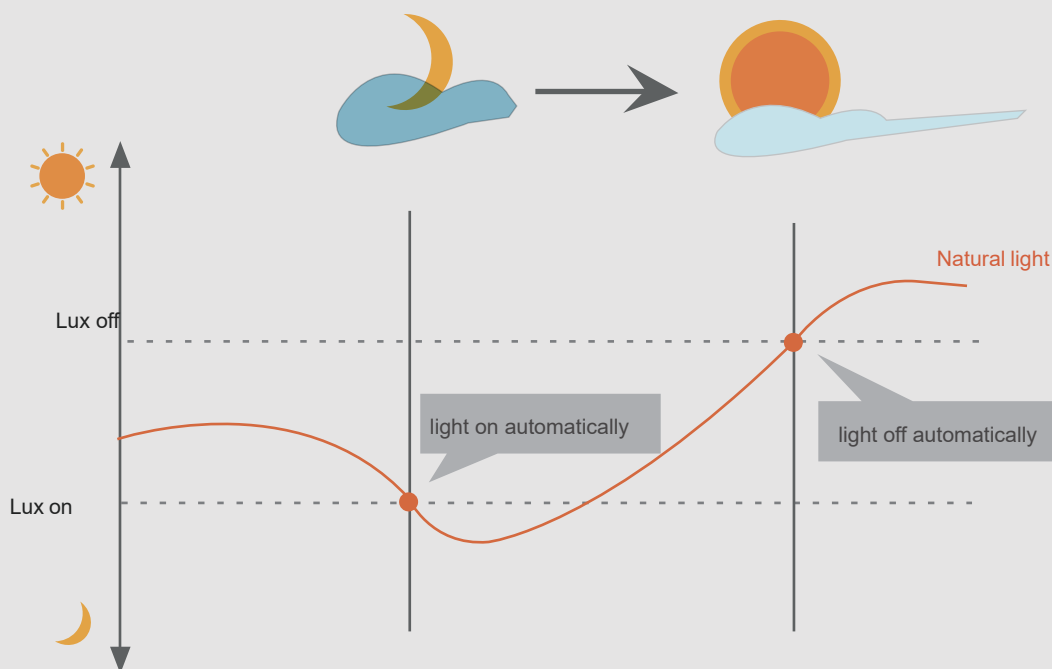
DUSK/DAWN SENSOR

Dual-PD technology brings a fully automatic dusk/dawn sensor which can tell the difference between natural light and LED light, to ensure the light will be off when needed.

With Daylight priority function, this sensor 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.

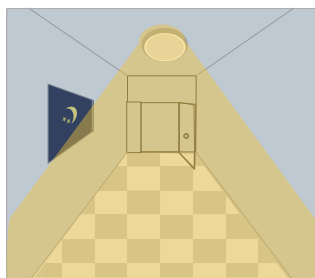
Precondition of Daylight priority:

1. Standby period is $+\infty$;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.

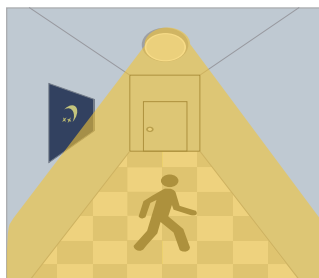


FUNCTION

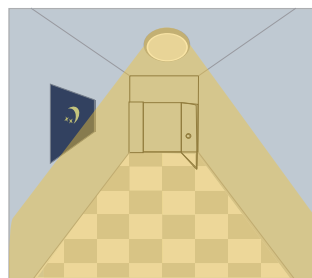
Daylight Priority



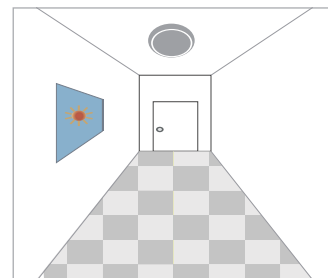
Light automatically on when ambient brightness is lower than preset lux level.



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



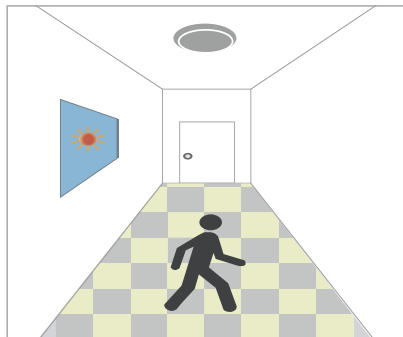
Light dims to standby level if no motion detected after hold time.



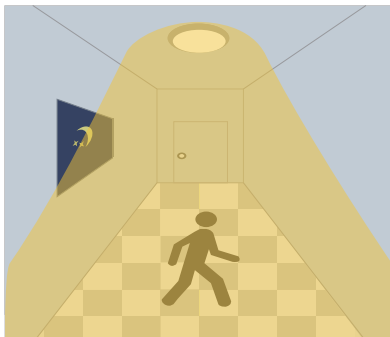
Light off when ambient lux level is higher than preset lux amount.

1. Automatically ON/OFF function:

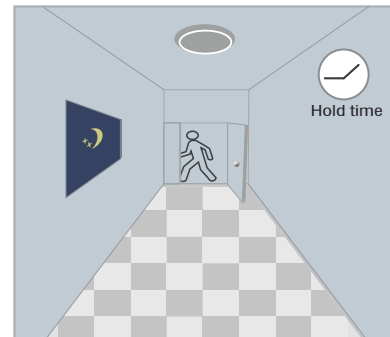
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



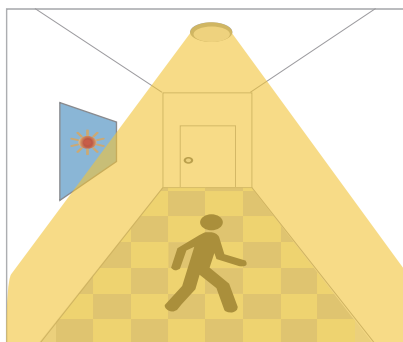
After the last detection and the present hold time elapsed, light OFF.

2. No daylight function

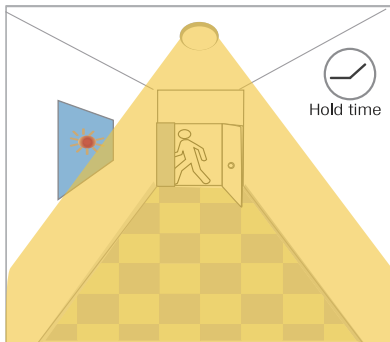
The daylight threshold is set to "Disable".

Light on when detect movement, After people leave, Light off after stand-by period.

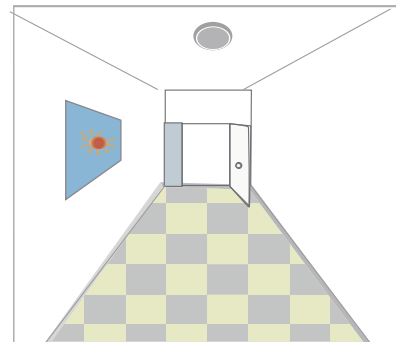
Applications: Dim places such as Basement Parking, Underpass.



When motion is detected, the sensor will switch on the light to 100% brightness.

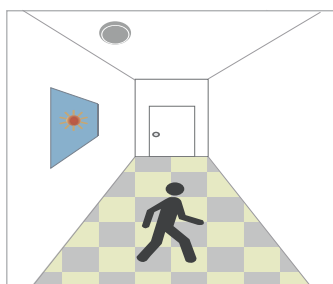


After people leave the detection area, light remains 100% brightness within hold time.

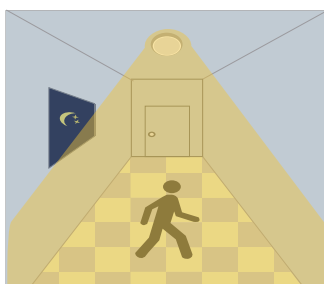


After the last detection and the present hold time elapsed, light OFF.

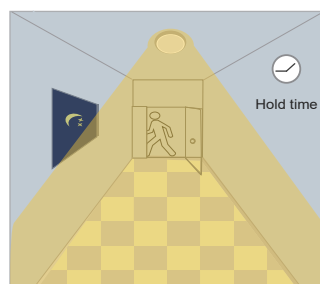
3. Function Demo - Dimmable control/Corridor function



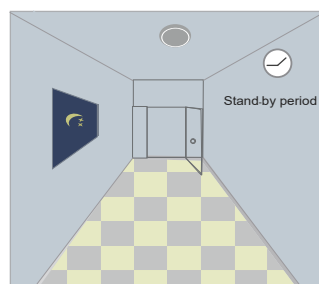
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON











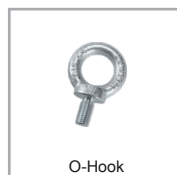
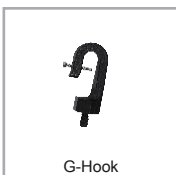




After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after hold time.






After the stand-by period, light OFF.

OPTIONAL ACCESSORIES

| | | | | |
|--|---|--|---|--|
| |  <div>Lifud</div> |  <div>Emergency Battery</div> |  <div>Plug-and-Play PIR Sensor</div> | |
| |  <div>60°/90°</div> |  <div>120°</div> | | |
| |  <div>ALU Reflector</div> |  <div>PC Reflector</div> | | |
| |  <div>US plug</div> |  <div>EU plug</div> |  <div>AU plug</div> | |
| |  <div>O-Hook</div> |  <div>G-Hook</div> |  <div>Adjustable Bracket</div> |  <div>Safety Cable</div> |

MOUNTING

| | | |
|---|--|--|
|  <div>Hook Mount</div> |  <div>Conduit Pendant Mount</div> |  <div>U-Bracket Mount</div> |
|---|--|--|