ERS tech
shineon

ERS Series
LED Sensored Highbay

The ERS Sensored Highbay uses sophisticated sensor technology coupled with a powerful and efficient lighting design to deliver reliable performance at an affordable price. The highly efficient SMD 2835 chip delivers an outstanding 220 lumens per watt, built around a high-grade aluminium alloy which provides excellent corrosion resistance and thermal conduction.

FEATURES AND BENEFITS

- **SMD 2835 LED chips**. Leading in efficiency and product lifetime.
- **Ultra-reliable high power factor driver.** With over temperature and short circuit protection and 6kV surge protection.
- **High-grade aluminium alloy.** Provides excellent corrosion resistance, formability and thermal conduction.
- **High quality PC lens.** No micro-cracking or 'milking' of lens over time that will result in lower light output. Reduced risk from glass.

- **Produces 22,000 lumens at 100 watts.** Up to 50% more efficient than competitor highbays.
- **Available with remote-controlled motion sensor, occupancy sensor and daylight linked control sensor.** Light is on only when required.
- **Comes with 0-10V dimming input as standard.**
- **Polycarbonate and aluminium reflector options available.**

PRODUCT DETAIL

SMD 2835 LED chips.

High-grade aluminium alloy.

Compact design.

SPECIFICATIONS

Model	ERS-UFO-60W-xx	ERS-UFO-75W-xx	ERS-UFO-100W-xx
Power consumption	60W	75W	100W
Output	13,200 lm	16,500 lm	22,000 lm
Efficiency	220 lm/W		
Colour temperature	3000K, 3500K, 4000K, 5000K, 5700K, 6500K		
CRI	≥80		
Beam angle	120°		
IP rating	IP65		
Lifetime rating	50,000 hours		
Warranty	5 years		

INDUSTRIES

Industrial, education and retail.

OLD LIGHT TECHNOLOGIES

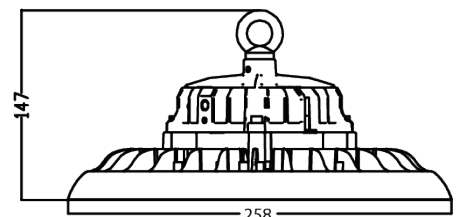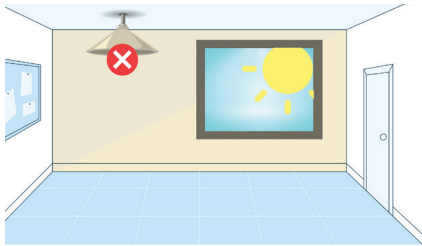Metal halide and mercury vapour (HID) and metal halide type 2.
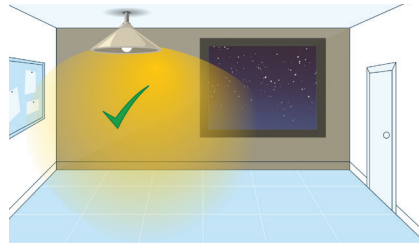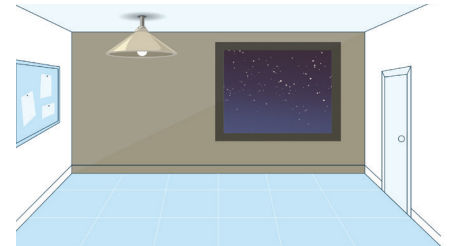
SENSOR INFORMATION

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

With insufficient daylight, when motion detected, light turns ON.

After last motion detection and present hold time, light turns OFF.

SENSOR SPECIFICATIONS

Detection range	Max. 14m (ceiling mounted)
Detection area	20% / 50% / 75% / 100%
Hold time	2s / 30s / 60s / 2min / 5min / 15min / 30min / 60min
Daylight sensor lux threshold	5 / 25 / 50 / 100 / 300 / 600 / Disable
Mounting height	Max. 12m

REMOTE CONTROL

D: Daylight sensor only

On: Default setting

M: Motion sensor only

Records the current environment lux

Sc 1: Holds for 30 minutes then dims to 50% luminosity. Daylight sensor OFF

Sc 3: Holds for 20 seconds then turns OFF. Daylight sensor OFF.

Sc 2: Holds for 10 minutes then dims to 20% luminosity. Daylight sensor OFF.

ERS tech

| 100% | 75% | 50% | 20% |

Detection Range

| D | ON | OFF | M |

| 5 Lux | 25 Lux | 50 Lux | 👁 |

On lux

| 100 Lux | 300 Lux | 600 Lux | Disable |

| 2 Sec | 30 Sec | 60 Sec | 2 Min |

Hold time

| 5 Min | 15 Min | 30 Min | 60 Min |

| 0% | 20% | 30% | 40% |

Standby brightness

| 50% | 60% | 80% | 100% |

| Sc1 | Sc2 | Sc3 | ⚡ |

Scene