

UFO

LED HIGH BAY



Intertek
5011224



- Cost-effective solid state solution for highbay applications, providing one-for-one replacement of high-wattage HID fixtures
- 125 lpw ultra-high efficiency delivers superior performance over legacy HID highbays
- Instant-on with no warmup
- Continuous dimming to 10%
- Lightning protection: line to line 4KV, line to ground 4KV

Product Features



Tempered glass lens (110°)
Polycarbonate lens (60°, 90°)



90° Beam Aluminum Reflector



90° Beam Polycarbonate Reflector

Three Dimmable Way



1-10V Dimming

Resistor Dimming

Pwm Three-in-one Dimming



12V power supply port

Can access intelligent modules such as zigbee/DALI/light control at any time



Designed for efficiency

Open "airflow" design reduces operating temperature and increases lifespan.



Get fast payback

With annual energy savings of up to \$128, combined with the reduced maintenance cost that comes with installing LED, the light can pay for itself in less than 2 years



5 year limited warranty

5-year limited warranty covers light output, color stability, driver performance and paint finish.

Installation



Ring installation

Upgrading to LED is easy

Included hook reduce installation cost and increase ease of HID or fluorescent chain-mounted conversions.



U Bracket



Pendant Stem
(not supplied)

Motion sensing



MS-C

Daylight Collection
Motion Sensing



MS-A

Daylight Harvest
Motion Sensing
Lamp Grouping



Luminaires may be operated as a single group or divided into multiple groups to suit different space needs and activities.

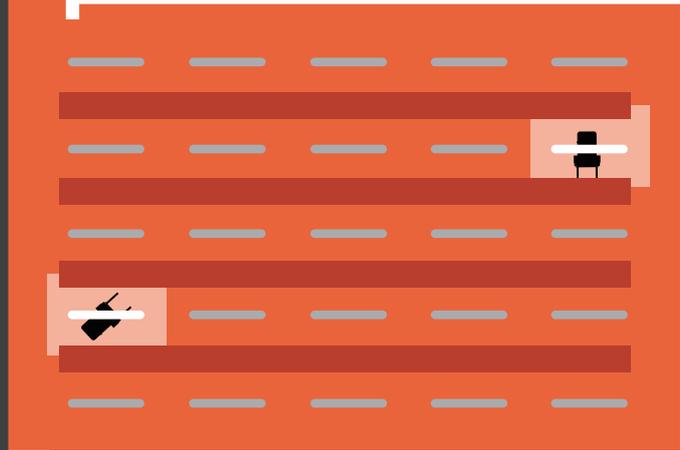
Within the group, as each occupant arrives at their workstation, luminaires in the immediate area brighten up to full illumination. While unoccupied workstations stay lit at a background light level.

For optimal efficiency, it is recommended to create large luminaire groups to maintain uniform light across the area or spanning aisles in a warehouse.

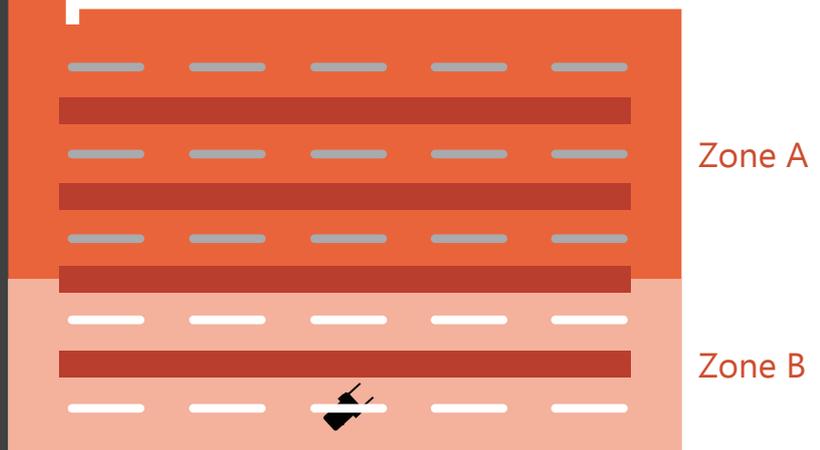
Additionally, luminaire groups may incorporate zones, where all luminaires in the defined zone behave identically on detecting motion.

The lighting group turns off only when the entire group has been unoccupied for a specified time.

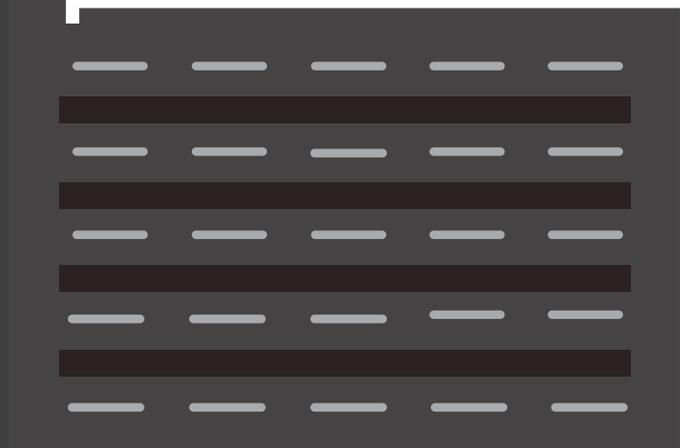
Single group



Single group with multiple zones

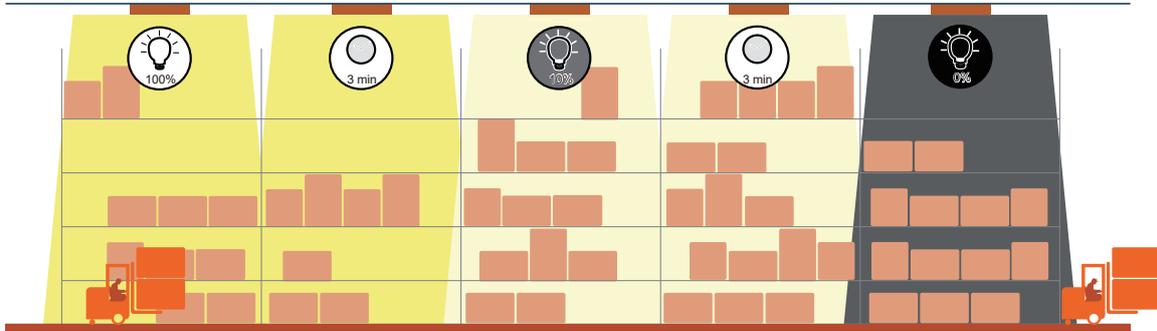


Unoccupied group



mode 6: Warehouse

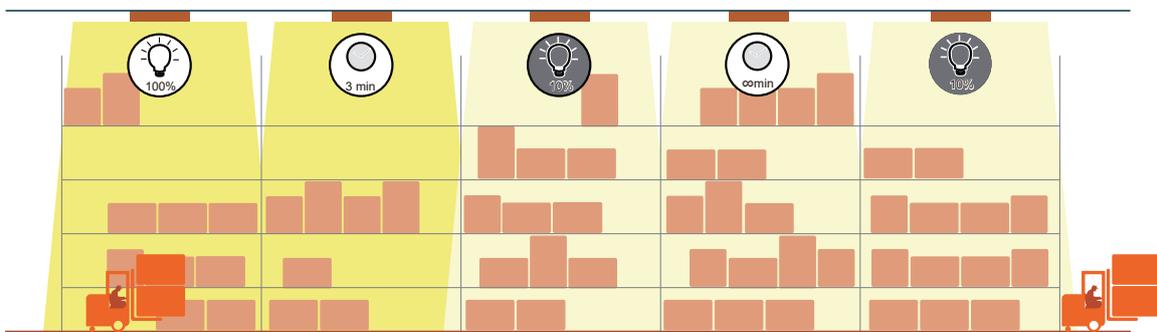
- Luminaires in the group that detect motion brighten to 100%, and dim to a 10% background level three minutes after motion ceases.
- Luminaires in the group that do not detect motion remain dimmed at a 10% background level.
- The entire luminaire group will turn off if no further motion is detected for an additional three minutes.



Suitable for warehouse applications that have low occupancy movements and where, on a given day, most activities are concentrated to a limited area.

mode 8: Comfort Warehouse

- Luminaires in the group that detect motion brighten to 100%, and dim to a 10% background level three minutes after motion ceases.
- Luminaires in the group that do not detect motion remain dimmed at a 10% background level.
- The entire luminaire group remains at a 10% background level until motion is detected again.

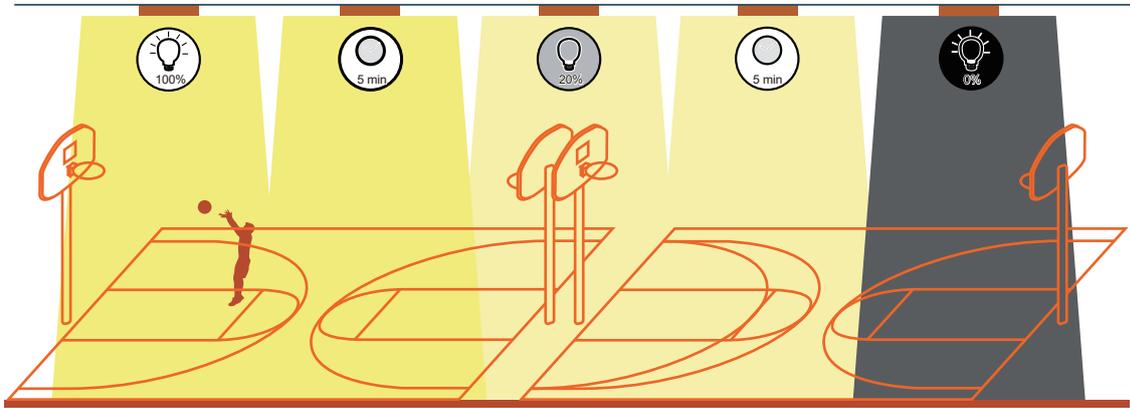


This mode is relevant for warehouse environments that are constantly occupied throughout the day or for spaces that require lights to stay at a dimmed level instead of shutting off when unoccupied.

mode 7:

Gymnasium

- Luminaires, or entire defined zones, that detect motion brighten to 100%, and dim to a 20% background level five minutes after motion ceases.
- Luminaires, or entire defined zones, that do not detect motion remain dimmed at a 20% background level.
- The entire luminaire group will turn off if no further motion is detected for an additional five minutes.

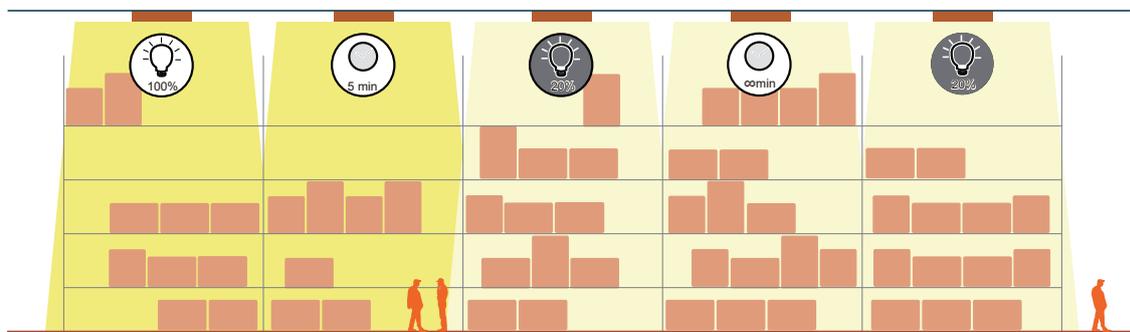


Usually, gymnasiums have multiple courts next to each other and not all the courts tend to be occupied at the same time. This energy waste can be minimized with the help of SpaceWise Technology.

mode 9: Comfort

Manufacturing

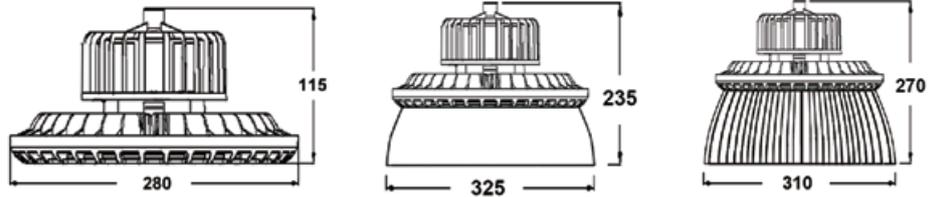
- Luminaires that detect motion brighten to 100%, and dim to a 20% background level five minutes after motion ceases.
- Luminaires that do not detect motion remain dimmed at a 20% background level.
- The entire luminaire group remains at a 20% background level until motion is detected again



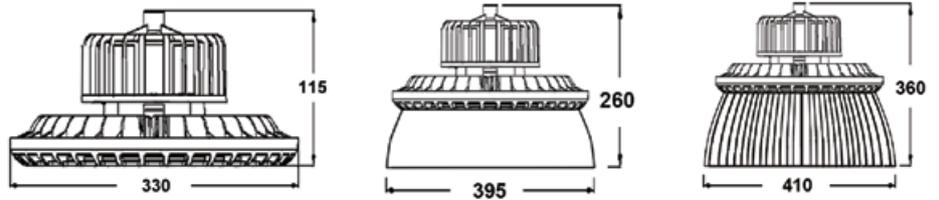
Traditionally, some spaces in a manufacturing facility are configured to stay on all the time, wasting a significant amount of energy. It is possible to reduce this energy waste by dimming the lights to a background level during unoccupied periods.

Size

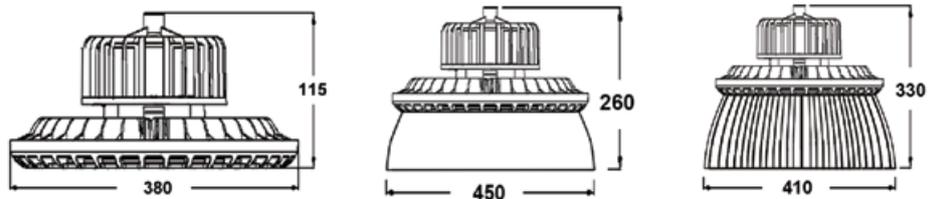
100W



150w



200W / 240w



Performance data

Example: LT-GK-UFO-100W-40K-60°-UNV-MS-A

Example: LT-GK-UFO-100W-40K-60°-UNV-MS-A								
Lumens	power	Color Temperature	Distribution	Voltage	Options	Mounting	Dimming controls	Finish
127LMW	100W (CREE 3030-120pcs)	WW-30K Warm White 3000K (70 CRI)	TYPE 60° TYPE 90° TYPE 100°	UNV Universal 120-277V	MS-A=Support remote control, mobile APP, fixture group control	RI=Ring Installation	1-10V Dimming	Black
131LMW	150W (CREE 3030-180pcs)	NW-40K Neutral White 4000K (70 CRI)		HVU Universal 347-480V		MS-C=Daylight Collection Motion Sensing	UB=U Bracket	
125LMW	200W (CREE 3030-220pcs)	CW-50K Cool White 5000K (70 CRI)		Pendant Stem (not supplied)	Pwm Three-in-one Dimming (standard)			
132LMW	240W (CREE 3030-240pcs)							

Take the next step

See how Litian LED luminaires can provide a complete solution for your area lighting needs. Visit www.litianled.com more information.