

Smart Multifunction LED High Round Bay

TK-RHB4™ Series

Description

Tektron TK-RHB4 Smart LED High Bay is a sensor-ready, multifunction industrial luminaire delivering up to 200 lm/W and as much as 46,000 lumens. Featuring tool-less field-adjustable wattage and 3-CCT selectable, it reduces SKUs by up to 80% while maximizing project flexibility. The patented plug-and-play sensor receptacle allows instant smart upgrades without rewiring, making it ideal for evolving facility needs.

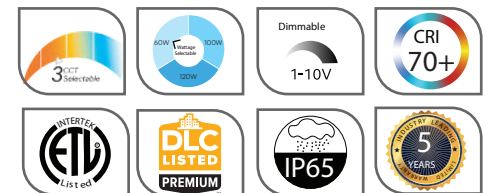
Applications

Ideal for warehouses, manufacturing facilities, gymnasiums, distribution centers, parking structures, and large indoor industrial spaces requiring high-output, energy-efficient lighting.



Quick Ship

TK-RHB4-240W-50K-WTCT



Specifications and Features

Controls / Dimming

0—10V dimming (standard); DALI optional.
Sensor-ready plug-and-play receptacle.
Optional motion sensor (<30 ft / <40 ft).
Zigbee or Bluetooth wireless control available

Warranty

5 Years Limited Warranty. For more details on the warranty, please visit.

www.technoledlights.com/warrantyinfo

Certification

It complies with ETL Listed. DLC 5.1 Premium, and IP65 Rated

Installation / Mounting

Standard ring mount, Hook mount optional, U-bracket mount optional. 1/2" NPT pipe mount optional.
Cord & plug options available (1ft standard; 3ft/6ft optional).

Ordering Information

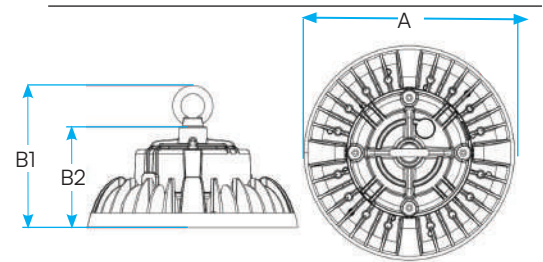
Example: TK-RHB4-240W-50K-WTCT

TK	RHB4	240W	50K	WTCT	Optional	Optional	Optional
Brand	Series	Watts	Color Temp	Wattage Tunable	Optics/Lens	Sensors	Mountings
TK - TekTron	RHB4 - Round High Bay Series 4	60W - 60W 100W - 100W 120W - 120W 150W - 150W 200W - 200W 240W - 240W (Wattage Adjustable)	30K - 3000K 40K - 4000K 50K - 5000K 3000K - 5000K (CCT Adjustable)	240W-150/200/240W Color Tunable 30K - 3000K CT - 40K - 4000K 50K - 5000K	12L - 120° Lens 90L - 90° Lens 60L - 60° Lens DL - Diffused Lens Maximum Glare Voltage 120 - 277V (Standard) 347 - 347V 480 - 480V	SR - Sensor pluggable receptacle MSI - Motion Sensor <30 Ft MS2 - Motion Sensor <40 Ft GOI - Zigbee Wireless control	Standard Ring Mount HK - Hook Mount UM - U Bracket Mount NM - 1/2 NPT Pipe Mount Accessories EM - Emergency Backup 8W EM20 - Emergency Backup 20W SPT - Surge protector 10kv

Specifications and Features

Input Voltage	120 - 277VAC
Color Temperature (CCT)	3000K/4000K/5000K
Luminous efficacy (Lm/W)	Upto 200 Lm/W
Color Rendering Index (CRI)	Ra>70
Operating Temperature	-30°C +45°C
Beam Angle	60° / 90° / 120°
Power Factor (PF)	>0.95
Life Span	50,000+ Hrs

Dimensions



Part Number	A (Diameter)	B1 (Height)	B2 (Height)
TK-RHB4-100W/120W	8.66 Inches	5.74 Inches	4.06 Inches
TK-RHB4-150W	10.23 Inches	5.74 Inches	4.06 Inches
TK-RHB4-200W/240W	11.81 Inches	5.74 Inches	4.06 Inches

Reflectors

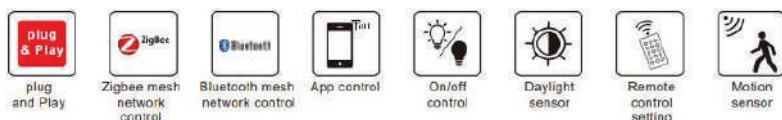
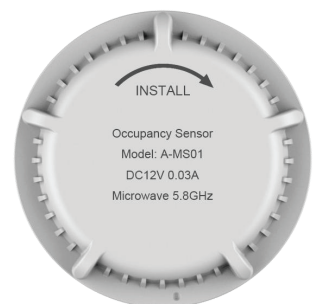


Corrosion Resistant Glass Lens, No-Glare Lens, Wire Guard PC Refractor ,Aluminum Reflector Optional

Pluggable Sensor

Mounting sensors or IOT path controllers is easy and can be done anytime after you install your luminaires.

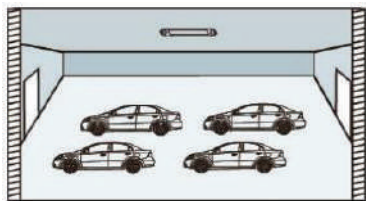
- 3 seconds easy plug-in scalability
- No re-circuiting or new control wiring
- Zigbee/Bluetooth mesh network smart control
- Controls are easy to upgrade,install and maintain



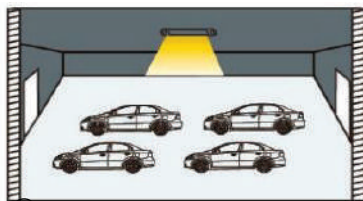
3 Seconds easily plug in ➡ **Smart LED High Bay**

Pluggable Sensor

1) ON/OFF Function (stand-by period set at '0')



① With sufficient ambient light, the light will not be switched on even if with motion signal

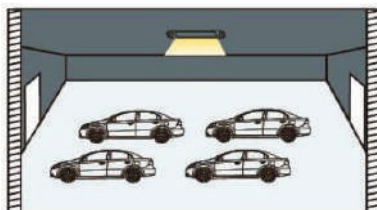


② With insufficient ambient light, the sensor switches on the light when motion is detected.

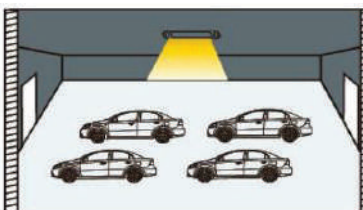


③ After elapse of hold time, the sensor switches off the light when no motion is detected

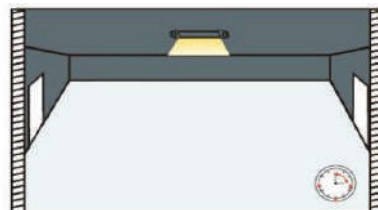
2) 2-step dimming function (stand-by period set at "+∞")



① If there is no motion detected, the light will be remained at a low light level all the time

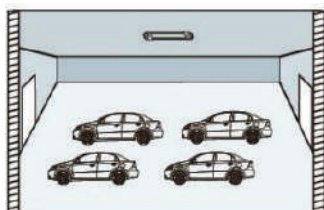


② When motion is detected, the sensor will switch on the light to 100% brightness

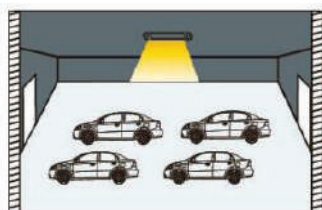


③ After elapse of hold time, the sensor dims the light at the present low light

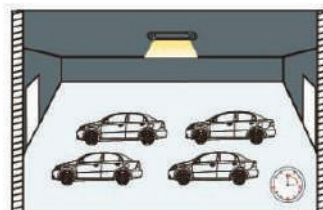
3) 3-step dimming function (stand-by period set at "5min" or "15min")



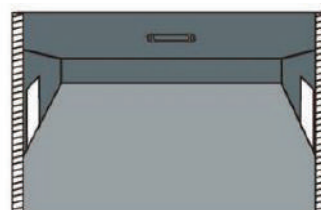
① With sufficient ambient light, the light will not be switched on even if with motion signal



② With insufficient ambient light, the sensor switches on the light when motion is detected.



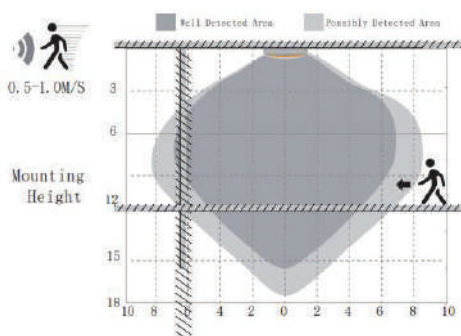
③ After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



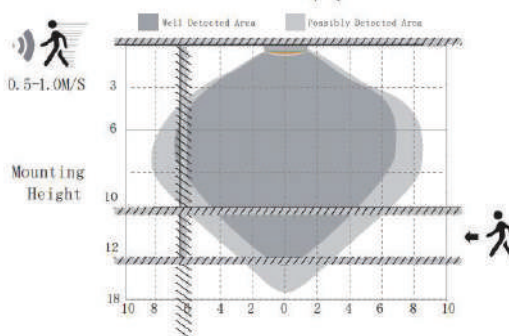
④ After elapse of stand by period, the sensor switches off the light if no motion is detected in the detection zone

Sensor detection range

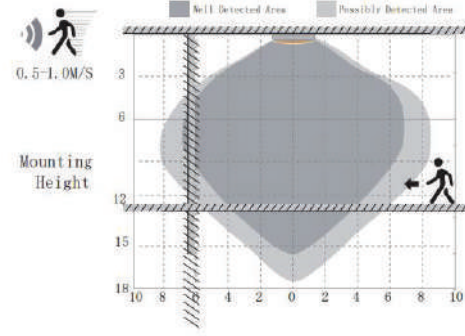
PC/Glass Lens with Sensor



PC Refractor with Sensor



Aluminum Reflector with Sensor



Mounting Options



1/2 NPT Pipe Mount (Optional)



Hook Mount



U Bracket



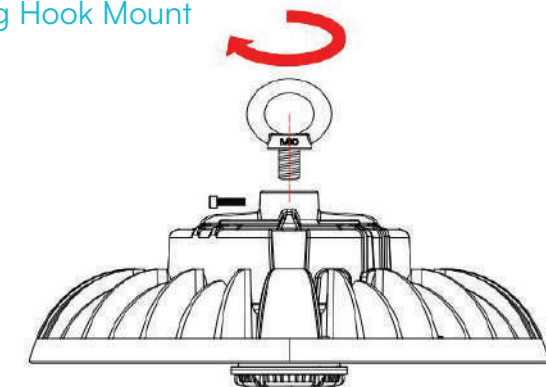
U Bracket Mount

Installation

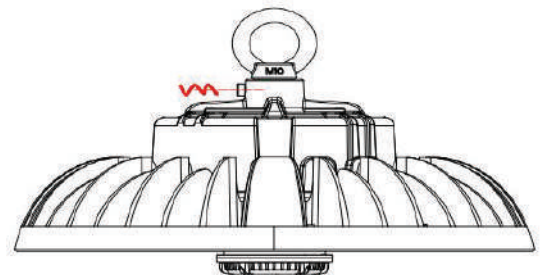
CAUTION: SHUT OFF BREAKER AT PANEL when you install the fixtures.

1. Electrician must have related certificates, knowledge and working experience. The work must be assigned to each electrician based on their position and responsibility.
2. The lens of parking lot light are PC material; They may be scratched by any careless handling. The parking lot light must be carefully protected during installation, especially when the face of fixture is put downward, it needs to be protected with a soft cloth or other protecting materials.
3. Installation must proceed when the electricity is shut off, no action should be taken when there is electricity connected.
4. Construction must proceed according to related regulations, including the tools and equipments used. For example: working voltage range, warning sign, flashing lamp, helmet, working clothes, etc.
5. Make sure the weather is suitable for high power electricity work when impending construction.

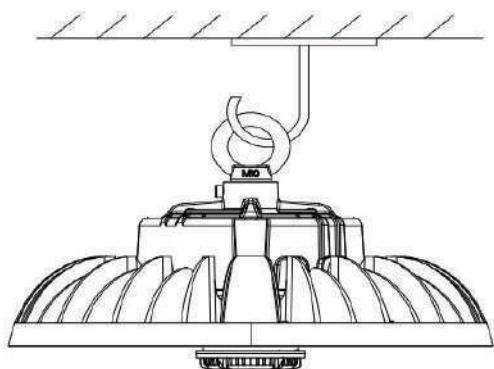
Ring Hook Mount



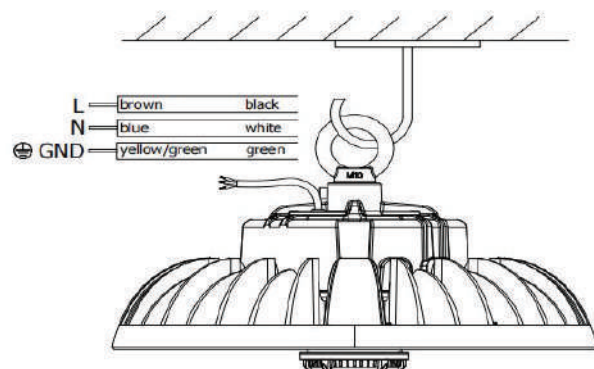
1. Install the hook into the fixture



2. Attach the hook to a secure structure



3. Secure the hook with the locking screw.



4. Connect the fixture input leads to the supply wire leads

L	brown	black
N	blue	white
⊕ GND	yellow/green	green



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