English

INTEGRITY LED

LED LINEAR HIGH BAY WITH Q-BASE

NEOX series

▸ **DESIGN** - LED LINEAR HIGH BAY WITH Q-BASE NEOX SERIES is a top tier efficiency 200lm/W output. It has a built-in Q-base, allowing you to install the microwave motion or PIR sensor. Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provide many years of use. Surge protection 6kV protects the fixture from voltage spikes and current surges.

▸ **VARIETY** - Fixture is designed to operate on 120-277V or 200-480V circuits.

▸ **COLOR AND POWER SELECTABLE** - You can choose either a 3,500K neutral white, 4,000K cool white or 5,000K daylight color temperature, and change the power with a simple switch.

▸ **INSTALLATION** - This fixture supports three different mounting styles: a suspended setup for a floating appearance, a surface-mounted option for a flush fit, and a pendant-style installation for a stylish, hanging effect.

▸ **ADVANTAGES** - With calculated lifespan up to 167,000 hours, these fixtures are made to last decades under normal operation! Integrity LED provides a 5-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!



PRODUCT PRESENTATION:

Model	Power	Sensor base	Voltage	Dimming	Lumens	CCT	Finish	Dimensions	Certification
WHB5B-NEOX 120-277V									
IL-WHB5B-NEOX-100	60/80/100 W	3-pin	120-277 V	0-10 V	19,848 lm	3,500/4,000/5,000 K	White	14-15/16" x 9-13/16" x 2-15/16"	UL (E473804), DLC Premium
IL-WHB5B-NEOX-160	100/130/160 W	3-pin	120-277 V	0-10 V	31,567 lm	3,500/4,000/5,000 K	White	14-15/16" x 9-13/16" x 2-15/16"	UL (E473804), DLC Premium
IL-WHB5B-NEOX-220	130/160/220 W	3-pin	120-277 V	0-10 V	44,871 lm	3,500/4,000/5,000 K	White	17-11/16" x 12-7/16" x 2-15/16"	UL (E473804), DLC Premium
IL-WHB5B-NEOX-320	160/220/320 W	3-pin	120-277 V	0-10 V	62,065 lm	3,500/4,000/5,000 K	White	20-1/2" x 14-7/16" x 3-1/4"	UL (E473804), DLC Premium
IL-WHB5B-NEOX-500	320/400/500 W	3-pin	120-277 V	0-10 V	93,787 lm	3,500/4,000/5,000 K	White	35-1/2" x 12-7/16" x 2-15/16"	UL (E473804), DLC Premium
WHB5B-HV-NEOX 200-480V									
IL-WHB5B-HV-NEOX-220	130/160/220 W	3-pin	200-480 V	0-10 V	43,158 lm	3,500/4,000/5,000 K	White	17-11/16" x 12-7/16" x 2-15/16"	UL (E473804), DLC Premium
IL-WHB5B-HV-NEOX-320	160/220/320 W	3-pin	200-480 V	0-10 V	62,090 lm	3,500/4,000/5,000 K	White	20-1/2" x 14-7/16" x 3-1/4"	UL (E473804), DLC Premium
IL-WHB5B-HV-NEOX-500	320/400/500 W	3-pin	200-480 V	0-10 V	92,896 lm	3,500/4,000/5,000 K	White	35-1/2" x 12-7/16" x 2-15/16"	UL (E473804), DLC Premium
SENSORS AND REMOTE									
IL-09MW-WH	Microwave motion sensor 3pin white							2-1/8" x 2-1/8" x 1-5/16"	-
IL-09MW-BK	Microwave motion sensor 3pin black							2-1/8" x 2-1/8" x 1-5/16"	-
IL-09IR-WH	Infrared motion sensor 3pin 39 ft white							2-1/8" x 2-1/8" x 1-11/16"	-
IL-09IR-BK	Infrared motion sensor 3pin 39 ft black							2-1/8" x 2-1/8" x 1-11/16"	-
IL-09IR50-WH	Infrared motion sensor 3pin 50 ft white							2-1/8" x 2-1/8" x 1-11/16"	-
IL-06RC	Remote control for motion sensor							5-11/16" x 1-3/4" x 13/16"	-

For detailed luminous flux information please refer to Annex 1, page 10.

For the most up-to-date spec sheets, visit integrityled.info

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English

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LED LINEAR HIGH BAY WITH Q-BASE

NeoX series

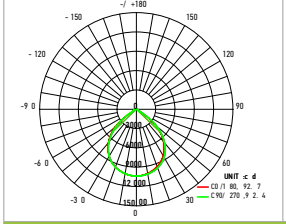
TECHNICAL PARAMETERS:

Model	Max input current	Inrush current	Work environment	Operating temperature	Power factor	Surge protection	Housing	Lens	CRI
WHB5B-NEOX 120-277V									
IL-WHB5B-NEOX-100	1.3 A	80 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
IL-WHB5B-NEOX-160	2 A	80 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
IL-WHB5B-NEOX-220	2.6 A	80 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
IL-WHB5B-NEOX-320	4 A	100 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
IL-WHB5B-NEOX-500	6 A	80 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
WHB5B-HV-NEOX 200-480V									
IL-WHB5B-HV-NEOX-220	0.92 A	80 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
IL-WHB5B-HV-NEOX-320	1.4 A	130 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80
IL-WHB5B-HV-NEOX-500	1.3 A	110 A	Damp location	-40°F to 122°F (-40°C to 50°C)	> 0.9	6 kV	Aluminum	PC	> 80

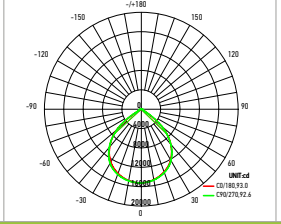
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM:

WHB5B-NEOX 120-277V

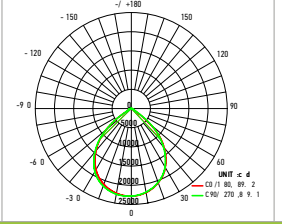
IL-WHB5B-NEOX-100



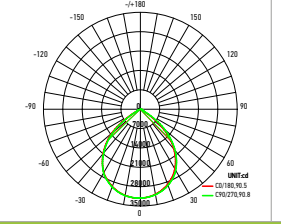
IL-WHB5B-NEOX-160



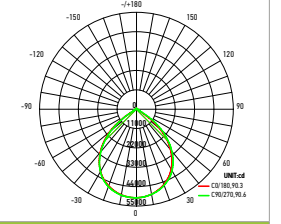
IL-WHB5B-NEOX-220



IL-WHB5B-NEOX-320

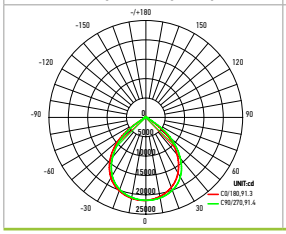


IL-WHB5B-NEOX-500

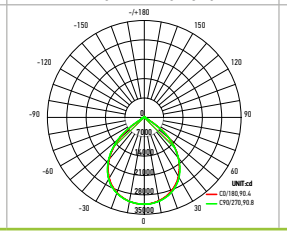


WHB5B-HV-NEOX 200-480V

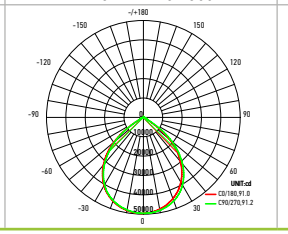
IL-WHB5B-HV-NEOX-220



IL-WHB5B-HV-NEOX-320



IL-WHB5B-HV-NEOX-500



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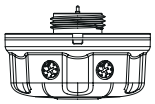
English

LED LINEAR HIGH BAY WITH Q-BASE

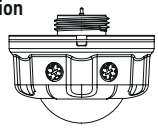
NEOX series

ACCESSORIES (sold separately):

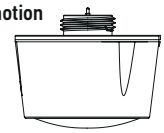
Microwave motion sensor 3pin
IL-09MW



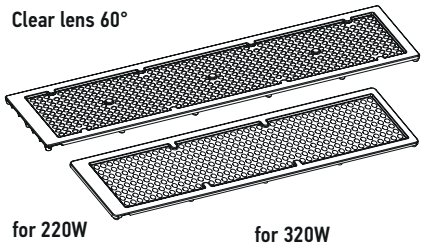
Infrared motion sensor 3pin
IL-09IR



Infrared motion sensor 3pin 50ft
IL-09IR50



Clear lens 60°



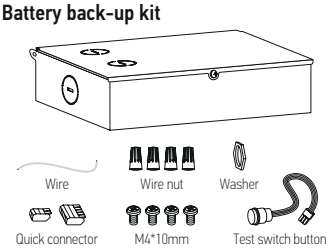
for 220W
IL-L60-220-WHB5B

for 320W
IL-L60-320-WHB5B

Remote control for motion sensor
IL-06RC



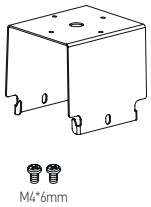
Battery back-up kit



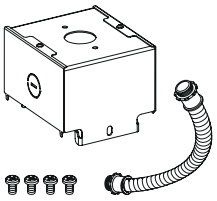
20W
IL-EMK20W-WHB5B

30W
IL-EMK30W-WHB5A

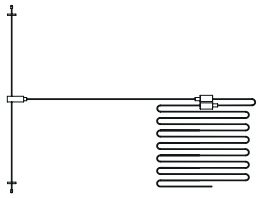
Surface mounting bracket
IL-SMB1-WHB5



Pendant mount bracket for 100-220W
IL-PMB1-WHB5



Aircraft cable
IL-ACK10-WHB5B



ACCESSORY COMPATIBILITY LIST:

Models \ Accessories		Microwave motion sensor 3pin IL-09MW	Infrared motion sensor 3pin IL-09IR IL-09IR50	Battery back-up kit 20W IL-EMK20W-WHB5B	Battery back-up kit 30W IL-EMK30W-WHB5A	Surface mount bracket IL-SMB1-WHB5	Pendant mounting bracket IL-PMB1-WHB5	Clear lens 60° for 220W IL-L60-220-WHB5B	Clear lens 60° for 320W IL-L60-320-WHB5B	Aircraft cable IL-ACK10-WHB5B
IL-WHB5B-NEOX	100W	•	•	•	•	•	•			•
	160W	•	•	•	•	•	•			•
	220W	•	•	•	•	•	•	•		•
	320W	•	•	•	•	•	•		•	•
	500W	•	•	•	•	•	•			•
IL-WHB5BHV-NEOX	220W	•	•			•	•	•		•
	320W	•	•			•	•		•	•
	500W	•	•			•	•			•

DIMMING COMPATIBLE CONTROLS:

Brand	Lutron	Leviton
Models	DVSTV-453P	IP710-LFZ

PACKAGE CONTENTS:

Description	Quantity
LED Linear High Bay with Q-Base	1
Hanging kit: V hook, chain 3.2 ft (A)	1
Box	1

A



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NeoX series

MOTION SENSOR INFORMATION


IL-09MW
Microwa nsor 3pin

+


IL-06RC
R ol


IL-09IR
Infrared sor 3pin

+


IL-06RC
R ol


IL-09IR50
Infrare or 3pin

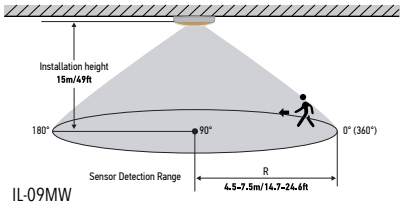
+


IL-06RC
R ol

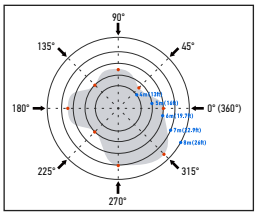
Specifications	Models: IL-09MW	Models: IL-09IR	Models: IL-09IR50	Default setting
Detection area	25 %/50 %/75 %/100 %			100 %
Hold time	**Remote control:** 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min **Built-in switch:** 5 s/1 min/5 min/10 min			10 min
Daylight threshold	2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80 lux (7.4 fc)/120 lux (11.2 fc)/200 lux (18.6 fc)/250 lux (23.2 fc)/ 300 lux (27.9 fc)/350 lux (32.5 fc)/400 lux (37.2 fc)/disable			Disable
Standby period	0 s/10 s/30 s/1 min/5 min/10 min/30 min/60 min/+ ∞			0 s
Standby dimming level	**Remote control:** 10 %/20 %/30 %/50 % **Built-in switch:** 0 %/10 %/30 %/50 %			10 %

Specifications	Models: IL-09MW	Models: IL-09IR	Models: IL-09IR50
Operating voltage	10 - 15 V		
Operating current	< 30 mA	< 15 mA	< 30 mA
Mounting height	max 49.2 ft (15 m)	max 39.4 ft (12 m)	max 49.2 ft (15 m)
Detection radius	14.7 ft - 24.6 ft (4.5 m - 7.5 m)	14.7 ft - 22.9 ft (4.5 m - 7 m)	14.7 ft - 22.9 ft (4.5 m - 7 m)
Operating frequency	5.8 GHz ± 75 MHz	-	-
Transmitting power	< 0.3 mW	-	-

MICROWAVE MOTION SENSOR:

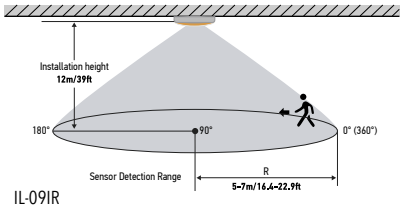


IL-09MW

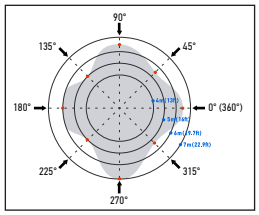


Sensitivity	0°/360°	45°	90°	135°	180°	225°	270°	315°
100%15m	6	4.5	5.5	5	6.5	5	7	7.5

INFRARED MOTION SENSOR:



IL-09IR

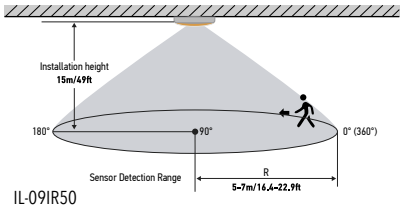


Sensitivity	0°/360°	45°	90°	135°	180°	225°	270°	315°
100%12m	6.5	5.5	6.5	5	6	5	7	5.5

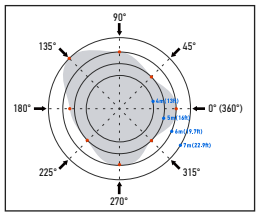
SENSOR USAGE RECOMMENDATIONS:

INDOOR RECOMMENDED LOCATIONS
Places where the temperature of the environment is well controlled.
Places where detecting the movement of people is a high priority.

INDOOR NOT RECOMMENDED LOCATIONS
Places where environment temp close to human body.
Places where PIR sensor lens can get covered.
Places higher than 39ft (unless you use 50ft PIR).



IL-09IR50



Sensitivity	0°/360°	45°	90°	135°	180°	225°	270°	315°
100%12m	6.5	5.5	6.5	5	6	5	7	5.5

REMOTE CONTROL

sold separately



Button	Remarks	Button	Remarks	Button	Remarks
ON/OFF ON/OFF	Turn the sensor ON/OFF.	Auto Auto	Enter "sensor mode" and perform previous settings.	Reset Reset	Enter "sensor mode" and perform the default settings.
Scenes Scenes	Shows current settings saved in remote.	Start Start	Press this to begin scene setup.	Memory Memory	Saves the scene settings.
Appy Apply	Applies current scene settings to the fixture.	M H Mounting height	Adjust detection area/sensitivity levels according to real installation situations, higher or lower.	Send Send	Memorize and send out the previous setting of individual parameters.
Detection range	Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the + - buttons to adjust.	Daylight sensor	The preset lux level at which motion will be detected. Use this button and the + - buttons to adjust.	Stand-by dimming	After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the + - buttons to adjust.
Hold time	The period that light will stay illuminated 100 % after no motion is detected. Use this button and the + - buttons to adjust.	Up	The main functional buttons to adjust the factors to desired level. Press + - button to dim light directly auto in non-detection mode.	Stand-by period	The period after holdtime, during which the light keeps standby dimming level. Use this button and the + - buttons to adjust.
CCT CCT selectable	Not applicable to this product.	Down		POWER Power	Adjust brightness in both ON/OFF mode & sensor mode, minimum 10%, max 100%, each time this button is pressed it changes by 5%.
Reserved button	Not applicable to this product.	Daylight harvesting	Daylight harvesting function enabled or disabled.	Test Test button	Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved.

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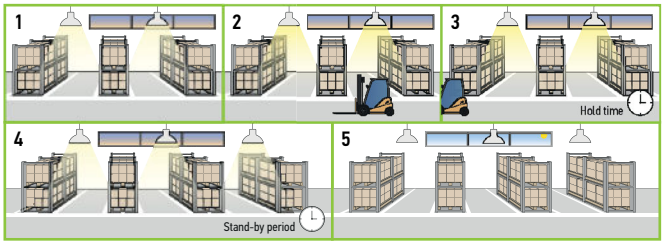
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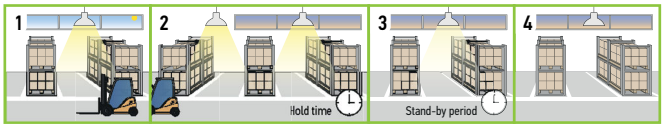
WITH DUSK/DAWN FUNCTION:

1. With insufficient ambient brightness, sensor turns on light and keeps it at standby dimming level even if there is no motion or presence.
2. When sensor detects motion or presence it will bring the light level up to 100 %.
3. After motion is no longer detected, fixture remains at 100 % for hold time.
4. After the preset hold time period, it will dim to the standby dimming level and maintain it indefinitely.
5. With sufficient ambient brightness, sensor will turn OFF light automatically.



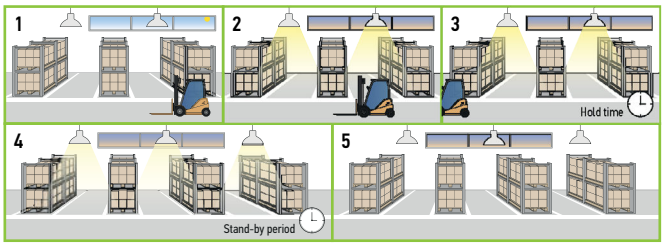
WITH DAYLIGHT DISABLED:

1. Sensor turns ON light when motion is detected.
2. Light will stay on after detecting motion for the desired hold time.
3. Sensor dims light to standby dimming level after hold time if there is still no motion.
4. Sensor turns OFF light after standby period.



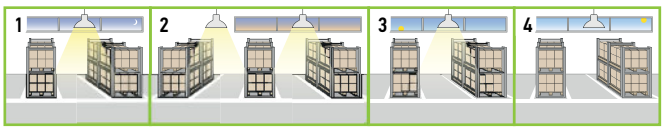
WITH DAYLIGHT THRESHOLD:

1. With sufficient daylight, the light remains OFF even after motion is detected.
2. With insufficient daylight, the sensor turns light ON when motion is detected.
3. After there's no motion detected, the sensor keeps light ON 100 % for holdtime.
4. After holdtime, sensor dims light to standby dimming level for standby period. If the standby period has been set as 0s, sensor turns light OFF automatically after holdtime.
5. The sensor turns OFF light automatically after the standby period when there's no motion detected.



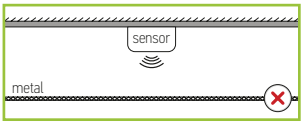
DAYLIGHT HARVESTING:

1. When the ambient brightness is lower than the preset lux level, the sensor will automatically turn on the light and adjust the dimming according to changes in ambient brightness. As it gets darker outside, the fixtures will brighten, and as it gets brighter outside, the fixtures will dim.
2. When the ambient brightness exceeds the preset lux level, the light will turn OFF.

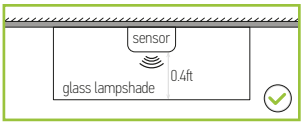


MICROWAVE MOTION SENSOR:

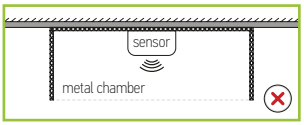
To avoid blocking the microwave emission, the microwave sensor can not be covered with metal materials, be sprayed with a coating of metal components, or have attached metal material or stickers etc.



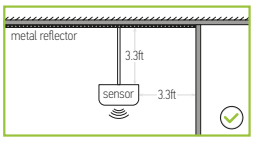
The distance between the antenna and the glass (dielectric material) should be no less than 0.4 ft when the sensor is within the glass lampshade. Otherwise, the microwave motion sensor will not penetrate the glass easily.



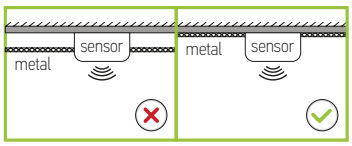
Avoid placing the sensor inside a metal chamber, this may cause a mis-trigger.



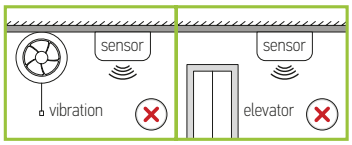
The sensor should not be placed in a small confined space. To avoid increasing the sensor detection range or abnormal operation, the sensor should be kept away from large areas of metal and glass reflectors (separation distance at least 3.3 ft). Reduce the detection area setting.



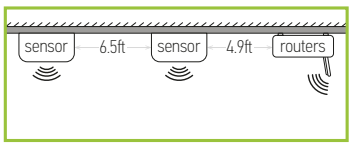
To avoid affecting the microwave signal transmission, the microwave antenna should be higher than the surrounding metal surface.



Any vibration or movement may trigger the sensor. Ensure the sensor is far from any constant movement.

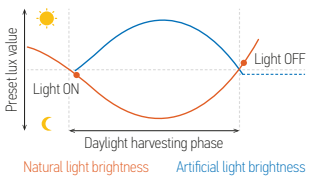


There must be at least 6.5ft between microwave sensors;
There must be at least 4.9ft between the sensor and other wireless devices such as routers to avoid possible radio interference.



DAYLIGHT HARVESTING SETTING:

1. Adjust "daylight" value higher than 50lux.
2. Preset "standby period" 0S.
3. Press "daylight harvesting" button on remote control to activate.



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BACK-UP BATTERY KIT INFORMATION

sold separately



Self-check emergency battery back-up kit offers a dependable solution for virtually every LED Linear High Bay lighting application, with options tailored for both new fixture constructions and field installation applications.

⚠ CAUTION:

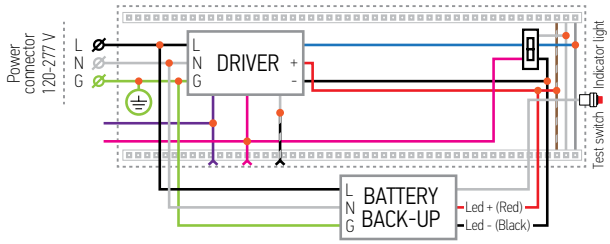
- Before performing a high-voltage insulation test, ensure the battery pack is removed and that there is no contact between the battery pack and the LED drivers.
- After testing, disconnect the battery pack unit connector before shipping and storing.
- During storage, the battery pack will need 24 hours of charging every 3 months.

Specifications	IL-EMK20W-WHB5B	IL-EMK30W-WHB5A
Input voltage	100-347 Vac 50/60 Hz	
Voltage	120 V	
Output voltage	156 - 230 Vdc	156 - 230 Vdc
Input current	100 mA	
Output current	70 mA	
Power	20W	30W
Lumen	3,189 lm	4,783 lm
Emergency time	90 minutes	
Indicator light	Illuminated test switch	
Battery	Li-ion	
Charging time	≥ 24 hours	

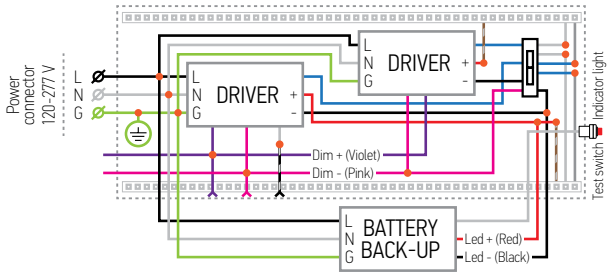
STANDARD OPERATION DISPLAY STATUS:

Button	Remarks
ON	Charging mode, AC power is ON
Blinking slowly	Emergency mode, Battery is discharging, AC power is OFF
Blinking quickly	Test failure

WHB5B-NEOX with battery back-up kit (100-320W)



WHB5B-NEOX with battery back-up kit (500W)



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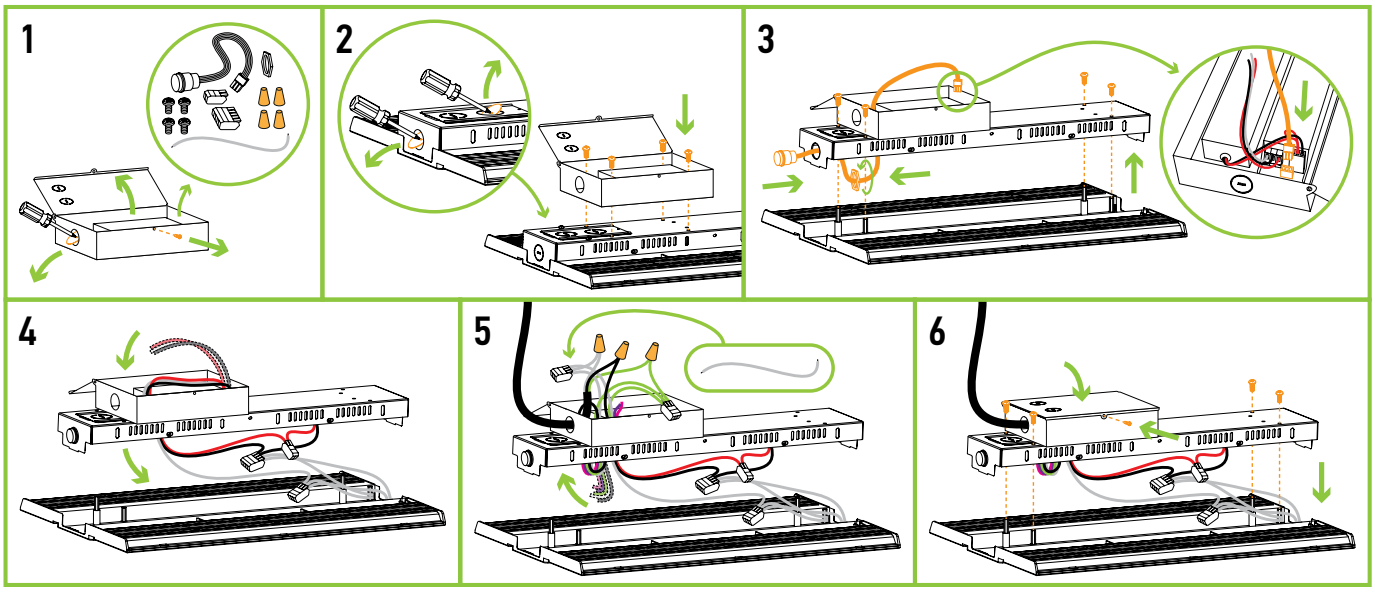
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INSTALLATION STEPS:

1. Unscrew and open Battery back-up kit.
2. Remove one knockout on the top and one on the side of the driver box. Attach the battery backup kit to the driver box of the fixture with 4 screws.
3. Unscrew 4 screws and open driver box of the fixture. Install battery back-up button into the side knockout of the fixture and secure it with washer (included). Then pull the button wire into the battery back-up kit and plug it into the battery controller.
4. Connect battery back-up kit to the fixture by:
   a. Pulling the Red wire (DRIVER +) from battery back-up into the fixture and connecting it to the Red wire (Driver output +);
   b. Pull the Black wire (LED- / DRIVER -) from battery back-up into the fixture and connect it with the Black wire (Driver output -), Led1 (input -) and Led2 (-) using one connector (included);
   c. Pull the White wire (LED +) from battery back-up into the fixture and connect it with the Led1 (+) and Led2 (+) using one connector (included);
5. Pull the White (N), Black (L), Green (G), Pink (Dim-) and Violet (Dim+) wires from the fixture into the battery back-up kit and connect them with the wires of battery back-up and external power source: Black with Black, White with White, Green with Green, according to the wiring schematic. Use white extension wire (included) if needed. Use pink (Dim-) and violet (Dim+) dimming wires if needed to connect to the dimmer.
6. Attach fixture driver box cover with battery back-up kit to the fixture and secure it with screws.



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LED LINEAR HIGH BAY WITH Q-BASE

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INSTALLATION GUIDE FOR 200-480V SYSTEMS

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation!

- Make sure that the supply voltage corresponds to the rated product voltage.
- The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury – read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

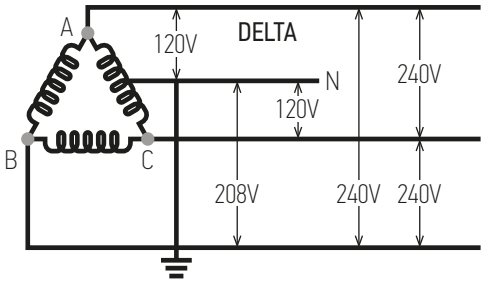
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

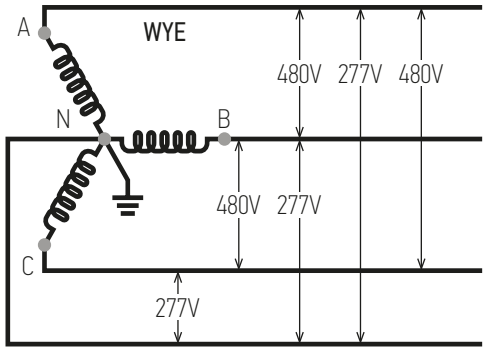
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

Integrity LED assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

HIGH VOLTAGE WIRING DIAGRAMS

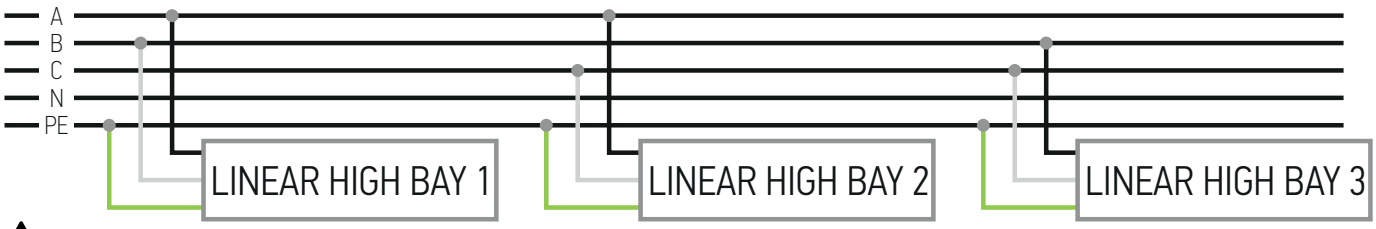


A - B 240 Volts
B - C 240 Volts
C - A 240 Volts
A - N 120 Volts
B - N 208 Volts
C - N 120 Volts



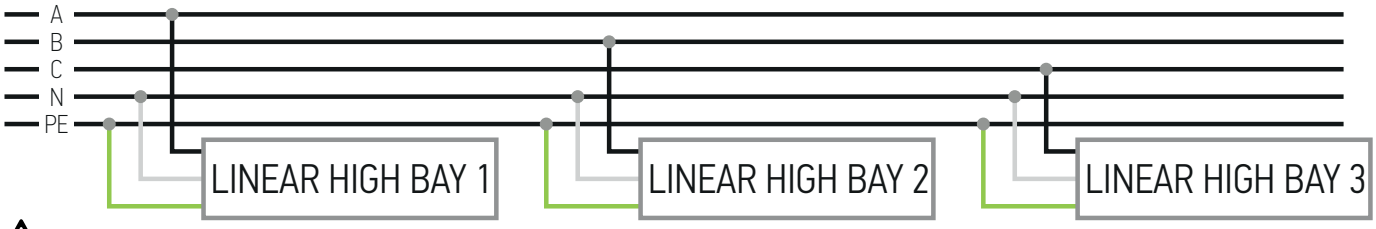
A - B 480 Volts
B - C 480 Volts
C - A 480 Volts
A - N 277 Volts
B - N 277 Volts
C - N 277 Volts

FOR DELTA WIRING configurations, please refer to the following connection diagrams:
INPUT VOLTAGE = 240V AC



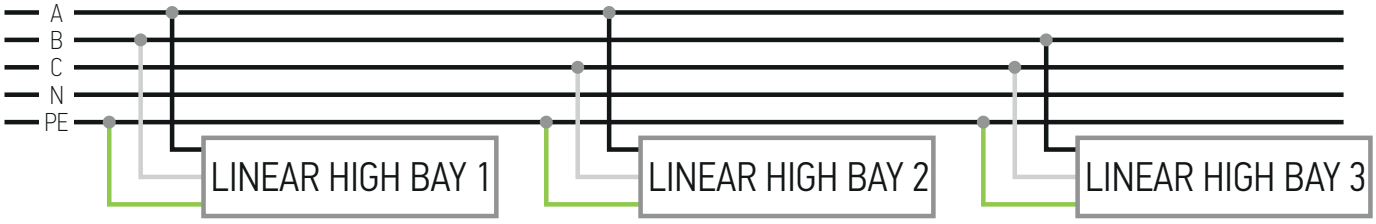
⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

FOR WYE WIRING configurations, please refer to the following connection diagrams:
INPUT VOLTAGE = 277V AC



⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

FOR WYE WIRING configurations, please refer to the following connection diagrams:
INPUT VOLTAGE = 480V AC



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INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation!

- Make sure that the supply voltage corresponds to the rated product voltage.
- The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury – read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

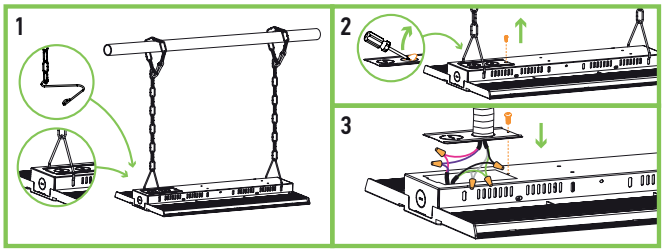
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

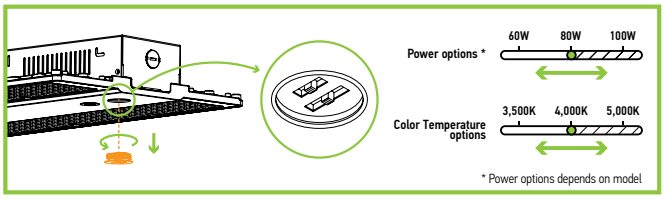
Integrity LED assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

INSTALLATION STEPS:

1. Insert V-hooks into both ends of the fixture. Secure chain to ceiling, beam or other mounting surface.
2. Unscrew and open backplate, use screwdriver to open one knockout.
3. Connect the wires: Black to Black, White to White, Green to Green. If you are not using the dimming wires cap them off but not together. Reattach knockout plate to top of the fixture and secure with screw.



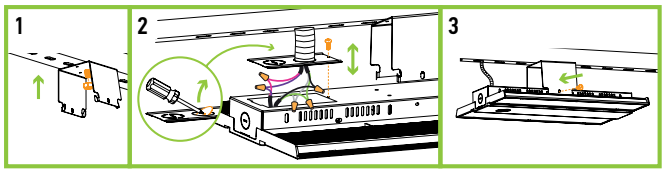
POWER AND COLOR TEMPERATURE SETTINGS:



SURFACE MOUNT INSTALLATION:

sold separately

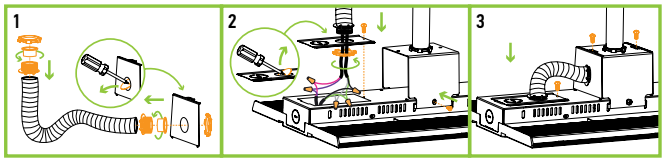
1. Secure the brackets to ceiling, beam, joist or rail (bolts not included).
2. Connect the wires: Black to Black, White to White, Green to Green.
3. Attach the fixture to the bracket and secure with one screw per each side of the bracket.



PENDANT MOUNT INSTALLATION:

sold separately

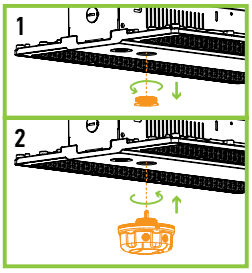
1. Assemble metal hose with connectors and attach bracket's side plate to one side. Install the bracket on 3/4" NPT pipe. Bracket does not include nuts or screws for mounting to surface.
2. Unscrew and take off fixture's backplate, open one knockout using screwdriver. Then attach backplate to free end of the metal hose. Attach the bracket by putting the bracket's hooks into the slots in the center of the housing. Secure the bracket with screws. Connect the wires: Black to Black, White to White, Green to Green.
3. Reattach the backplate in its place and secure with screw. Align the studs of the side plate with the slots in the housing, place the side plates, and secure them with screws.



MOTION SENSOR INSTALLATION:

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1. Unscrew the sensor base cap.
2. Insert and twist the sensor until it is tight on the base surface.



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ORDERING INFORMATION

Model	Product dimensions	Weight	Pcs. per carton	Carton size	Carton weight	UPC
WHB5B-NEOX 120-277V						
IL-WHB5B-NEOX-100	14-15/16" x 9-13/16" x 2-15/16"	4.1 lbs (1.9 kg)	1	15.9" x 10.6" x 3.7"	5.5 lbs	81019020000
IL-WHB5B-NEOX-160	14-15/16" x 9-13/16" x 2-15/16"	5 lbs (2.3 kg)	1	15.9" x 10.6" x 3.7"	6.4 lbs	81019020001
IL-WHB5B-NEOX-220	17-11/16" x 12-7/16" x 2-15/16"	7 lbs (3.2 kg)	1	18.7" x 13.2" x 3.7"	8.8 lbs	81019020002
IL-WHB5B-NEOX-320	20-1/2" x 14-7/16" x 3-1/4"	9.2 lbs (4.2 kg)	1	21.5" x 15.2" x 4"	11.2 lbs	81019020003
IL-WHB5B-NEOX-500	35-1/2" x 12-7/16" x 2-15/16"	14.2 lbs (6.4 kg)	1	36.5" x 13.2" x 3.7"	17.5 lbs	81019020004
WHB5B-HV-NEOX 277-480V						
IL-WHB5B-HV-NEOX-220	17-11/16" x 12-7/16" x 2-15/16"	7 lbs (3.2 kg)	1	18.7" x 13.2" x 3.7"	8.8 lbs	81019020006
IL-WHB5B-HV-NEOX-320	20-1/2" x 14-7/16" x 3-1/4"	9.2 lbs (4.2 kg)	1	21.5" x 15.2" x 4"	11.2 lbs	81019020007
IL-WHB5B-HV-NEOX-500	35-1/2" x 12-7/16" x 2-15/16"	14.2 lbs (6.4 kg)	1	36.5" x 13.2" x 3.7"	17.5 lbs	81019020005

ACCESSORIES:

Model	Product dimensions	Pcs. in middle box	Middle box size	Middle box weight	Pcs. per carton	Carton size	Carton weight	UPC	GTIN 14 in middle box	GTIN 14 in carton
IL-09MW-WH	2-1/8" x 2-1/8" x 1-5/16"	10	5.5" x 2.6" x 11.4"	1.2 lbs	120	17.3" x 11.8" x 11"	12.1 lbs	810128113700	20810128113704	30810128113701
IL-09MW-BK	2-1/8" x 2-1/8" x 1-5/16"	10	5.5" x 2.6" x 11.4"	1.2 lbs	120	17.3" x 11.8" x 11"	12.1 lbs	810128113717	20810128113711	30810128113718
IL-09IR-WH	2-1/8" x 2-1/8" x 1-11/16"	10	5.5" x 2.6" x 11.4"	1.2 lbs	120	17.3" x 11.8" x 11"	12.1 lbs	810128113694	20810128113698	30810128113695
IL-09IR-BK	2-1/8" x 2-1/8" x 1-11/16"	10	5.5" x 2.6" x 11.4"	1.2 lbs	120	17.3" x 11.8" x 11"	12.1 lbs	810128114349	20810128114343	30810128114340
IL-09IR50-WH	2-1/8" x 2-1/8" x 1-11/16"	10	5.5" x 2.6" x 11.4"	0.9 lbs	120	17.3" x 11.8" x 11"	10.7 lbs	810128116794	10810128116791	20810128116798
IL-06RC	5-11/16" x 1-3/4" x 13/16"	10	6.3" x 2.9" x 11.4"	0.5 lbs	60	15.8" x 11.8" x 9.3"	24.7 lbs	810128114370	30810128114371	40810128114378
IL-EMK20W-WHB5B	9-5/8" x 4-5/8" x 1-7/8"	-	-	-	10	10.5" x 10.2" x 11.5"	26.5 lbs	810128113977	-	10810128113974
IL-EMK30W-WHB5A	9-5/8" x 4-5/8" x 1-7/8"	-	-	-	10	10.5" x 10.2" x 11.5"	26.5 lbs	810050735933	-	10810050735930
IL-SMB1-WHB5	4" x 3-11/16" x 3-1/16"	-	-	-	50	22.8" x 7.9" x 20.9"	24.3 lbs	810050739764	-	20810050739768
IL-PMB1-WHB5	4" x 3-11/16" x 3-1/8"	-	-	-	50	22.8" x 7.9" x 20.9"	34.2 lbs	810050739757	-	20810050739751
IL-L60-220-WHB5B	17-9/16" x 3-7/8" x 3/8"	-	-	-	20	18.4" x 8.5" x 6.6"	16 lbs	810128118491	-	20810128118495
IL-L60-320-WHB5B	20-5/16" x 4-13/16" x 3/8"	-	-	-	20	21.2" x 10.3" x 6.6"	23.4 lbs	810128118507	-	20810128118501
IL-ACK10-WHB5B	120"	-	-	-	75	13.39" x 10.24" x 12.20"	19.8 lbs	81019020281	-	10810190202811

ANNEX 1

Model	Watts	3,500 K	4,000 K	5,000 K
IL-WHB5B-NEOX-100	60W	12,457 lm	12,830 lm	12,761 lm
	80W	15,308 lm	16,888 lm	15,600 lm
	100W	18,032 lm	19,848 lm	19,366 lm
IL-WHB5B-NEOX-160	100W	18,032 lm	19,848 lm	19,366 lm
	130W	24,726 lm	26,301 lm	25,816 lm
	160W	28,191 lm	31,567 lm	29,522 lm
IL-WHB5B-NEOX-220	130W	24,726 lm	26,301 lm	25,816 lm
	160W	28,191 lm	31,567 lm	29,522 lm
	220W	41,182 lm	44,871 lm	42,274 lm
IL-WHB5B-NEOX-320	160W	28,191 lm	31,567 lm	29,522 lm
	220W	41,182 lm	44,871 lm	42,274 lm
	320W	57,300 lm	62,065 lm	61,194 lm
IL-WHB5B-NEOX-500	320W	57,300 lm	62,065 lm	61,194 lm
	400W	73,160 lm	67,623 lm	76,166 lm
	500W	85,783 lm	93,787 lm	89,668 lm
IL-WHB5B-HV-NEOX-220	130W	25,140 lm	26,343 lm	25,458 lm
	160W	31,627 lm	33,271 lm	32,963 lm
	220W	39,160 lm	43,158 lm	42,031 lm
IL-WHB5B-HV-NEOX-320	160W	31,627 lm	33,271 lm	32,963 lm
	220W	39,160 lm	43,158 lm	42,031 lm
	320W	57,029 lm	62,090 lm	60,322 lm
IL-WHB5B-HV-NEOX-500	320W	57,029 lm	62,090 lm	60,322 lm
	400W	72,008 lm	77,812 lm	75,514 lm
	500W	84,314 lm	92,896 lm	89,668 lm

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