English

INTEGRITY LED

NSF LED UFO HIGH BAY

UFS-PRO series

▶ **DESIGN** - NSF LED UFO HIGH BAY WITH Q-BASE features a smooth, dust-proof surface that is easy to clean and has a watertight seal, making it resistant to frequent wash downs. The product is extemely efficient, with a 160 lum/w output. It has a built-in Q-base, allowing you to install the microwave motion or PIR sensor. The corrosion-resistant aluminum housing and SUS316 stainless steel screws provide excellent heat dissipation, while the 10 ft cord makes installation easier. The light operates on 120-277 V circuits or on 200-480 V circuits for High Voltage models with a 0-10 V dimmable driver.

▶ **NSF CERTIFIED FOOD GRADE** - Certified by the National Sanitation Foundation, ensuring it meets rigorous standards for safety and sanitation in food service and processing facilities that require elevated levels of cleanliness.

▶ **COLOR AND POWER SELECTABLE** - You can choose either a 3000K warm white, 4000K cool white or 5000K daylight color temperature, and change the power with a simple switch and change the power output ranges from 100 watts to 300 watts (depending on the model), with a simple control switch.

▶ **IP69K** - rating provides protection against ingress of dust and high temperature, high pressure water.

▶ **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!



Motion Sensor | Wet locations | IP69K | NSF

PRODUCT PRESENTATION:

Model	Power	Voltage	Dimming	Lumens	CCT	Finish	Dimensions	Pre-Installed
UFS-PRO 120-277V								
IL-UFS-PRO-200	100/150/200W	120-277 V	0-10 V	31,503 lm	3,000/4,000/5,000 K	White	16-15/16" x 16-15/16" x 5-5/8"	Cord 10 ft
IL-UFS-PRO-300	200/240/300W	120-277 V	0-10 V	45,444 lm	3,000/4,000/5,000 K	White	16-15/16" x 16-15/16" x 5-5/8"	Cord 10 ft
UFS-PRO-QB 120-277V WITH Q-BASE								
IL-UFS-PRO-200-QB	100/150/200W	120-277 V	0-10 V	31,503 lm	3,000/4,000/5,000 K	White	16-15/16" x 16-15/16" x 5-5/8"	Cord 10 ft
IL-UFS-PRO-300-QB	200/240/300W	120-277 V	0-10 V	45,444 lm	3,000/4,000/5,000 K	White	16-15/16" x 16-15/16" x 5-5/8"	Cord 10 ft
UFSHV-PRO-QB 200-480V WITH Q-BASE								
IL-UFSHV-PRO-200-QB	100/150/200W	200-480 V	0-10 V	31,503 lm	3,000/4,000/5,000 K	White	16-15/16" x 16-15/16" x 5-5/8"	Cord 10 ft
IL-UFSHV-PRO-300-QB	200/240/300W	200-480 V	0-10 V	45,444 lm	3,000/4,000/5,000 K	White	16-15/16" x 16-15/16" x 5-5/8"	Cord 10 ft
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 white						2-1/8" x 2-1/8" x 1-11/16"	-
IL-09IR-BK	Infrared motion sensor 3pin black						2-1/8" x 2-1/8" x 1-11/16"	-
IL-09IR50-WH	Infrared motion sensor 3pin 50ft 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.

ANNEX 1

Model	Watts	3,000 K	4,000 K	5,000 K
IL-UFS-PRO-200 IL-UFS-PRO-200-QB IL-UFSHV-PRO-200-QB	100W	17,011 lm	17,635 lm	17,702 lm
	150W	23,914 lm	24,940 lm	24,520 lm
	200W	30,963 lm	32,340 lm	31,503 lm
IL-UFS-PRO-300 IL-UFS-PRO-300-QB IL-UFSHV-PRO-300-QB	200W	30,053 lm	31,616 lm	31,794 lm
	240W	35,388 lm	37,338 lm	37,095 lm
	300W	44,130 lm	46,286 lm	45,444 lm

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

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UFS-PRO series

PRODUCT SPECIFICATIONS:

Construction & Materials		
Housing	Aluminum	
Lens	PC	
Finish	White	
Weight	9.5 lbs (4.3 kg)	for HV models: 10.9 lbs (4.9 kg)
Environmental system		
Work environment	Suitable for Wet Locations, IP69K	
Operating temperature	-40°F to 140°F (-40°C to 60°C)	
	for HV models: -40°F to 122°F (-40°C to 50°C)	
L-70 Life	R > 102,000 hrs; C > 167,000 hrs	
Optical system		
Color temperature	3CCT switch (3,000/4,000/5,000 K), 5,000 K by default	
CRI	> 80	
Electrical system		
Input voltage	Regular voltage: 120-277 V	High voltage: 200-480 V
Max input current	IL-UFS-PRO-200	2.6 A
	IL-UFS-PRO-300	4 A
	IL-UFS-PRO-200-QB	2.6 A
	IL-UFS-PRO-300-QB	4 A
	IL-UFSHV-PRO-200-QB	1.2 A
	IL-UFSHV-PRO-300-QB	2 A
Inrush current (Action time)	IL-UFS-PRO-200	80 A (35 S)
	IL-UFS-PRO-300	100 A (0.35 S)
	IL-UFS-PRO-200-QB	80 A (35 S)
	IL-UFS-PRO-300-QB	100 A (0.35 S)
	IL-UFSHV-PRO-200-QB	130 A (1 S)
	IL-UFSHV-PRO-300-QB	150 A (1 S)
Off state power	0W	
Power consumption	IL-UFS-PRO-200	100/150/200W
	IL-UFS-PRO-300	200/240/300W
	IL-UFS-PRO-200-QB	100/150/200W
	IL-UFS-PRO-300-QB	200/240/300W
	IL-UFSHV-PRO-200-QB	100/150/200W
	IL-UFSHV-PRO-300-QB	200/240/300W
Power factor	> 0.9	
Output voltage	180-260 V	
	for IL-UFSHV-PRO-200-QB model: 221 V	
	for IL-UFSHV-PRO-300-QB model: 220 V	
Max output current	IL-UFS-PRO-200	0.65-0.9 A
	IL-UFS-PRO-300	0.1-1.5 A
	IL-UFS-PRO-200-QB	0.65-0.9 A
	IL-UFS-PRO-300-QB	0.1-1.5 A
	IL-UFSHV-PRO-200-QB	0.83 A
	IL-UFSHV-PRO-300-QB	1.23 A
Surge protection DM/CM	6 kV / 6 kV	for HV models: 6 kV / 10 kV
Dimming compatible controls		
Brand	Leviton	Lutron
Models	IP710-LFZ	DVSTV-453P
Regular and voluntary certifications		
5-year limited warranty		
DesignLights Consortium (DLC) listed (Classification: Premium) Main: Indoor luminaires; General application: High-bay; Primary use: High-bay luminaires for commercial and Industrial buildings		
UL certified E473804		
National Sanitation Foundation		

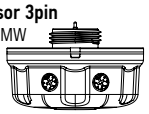
PACKAGE CONTENTS:

Description	Quantity
NSF LED UFO High bay	1
Spring hook (A)	1
Box	1

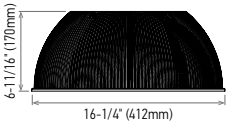


ACCESSORIES (sold separately):

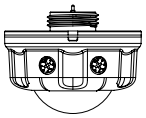
Microwave motion sensor 3pin
IL-09MW



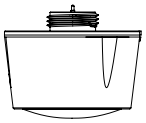
Polycarbonate reflector 16" 90°
IL-DUHB5A-16PC



Infrared motion sensor 3pin
IL-09IR



Infrared motion sensor 3pin 50ft
IL-09IR50



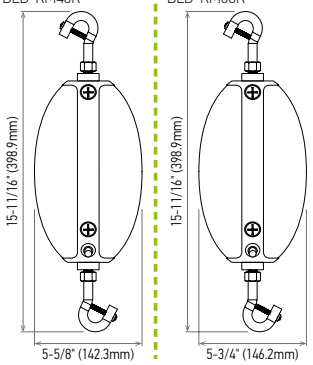
Remote control for motion sensor
IL-06RC

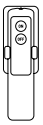


Battery back-up kit

40W
BLD-RM40R

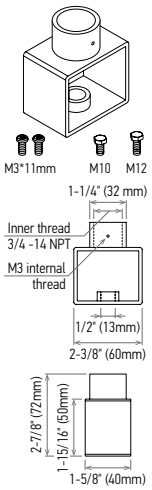
60W
BLD-RM60R



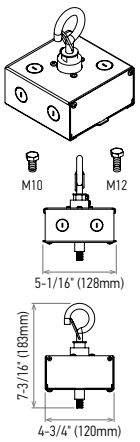


Remote test switch for battery back-up kit
RN1

Pendant mount bracket
IL-PMB-UHB



Pendant mount bracket with j-box and spring hook
IL-PMBJB-UHB



ACCESSORY COMPATIBILITY LIST:

Accessories / Models	Microwave motion sensor 3pin IL-09MW	Infrared motion sensor 3pin IL-09IR; IL-09IR50	Battery back-up kit 40W BLD-RM40R	Battery back-up kit 60W BLD-RM60R	Pendant mount bracket IL-PMB-UHB	Pendant mount bracket with j-box and spring hook IL-PMBJB-UHB	Polycarbonate reflector 16" 90° IL-DUHB5A-16PC
IL-UFS-PRO-200			●	●	●	●	
IL-UFS-PRO-300			●	●	●	●	●
IL-UFS-PRO-200-QB	●	●	●	●	●	●	
IL-UFS-PRO-300-QB	●	●	●	●	●	●	●
IL-UFSHV-PRO-200-QB	●	●	●	●	●	●	
IL-UFSHV-PRO-300-QB	●	●	●	●	●	●	

⚠ WARNING

Do not connect the motion sensor and the emergency battery at the same time.
Use one accessory only. Concurrent connection (sensor + battery) is not supported.

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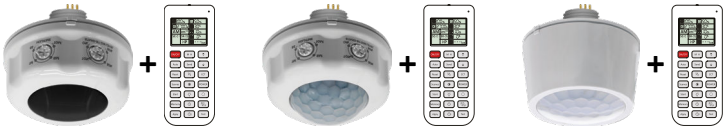
MOTION SENSOR INFORMATION

REMOTE CONTROL

sold separately



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

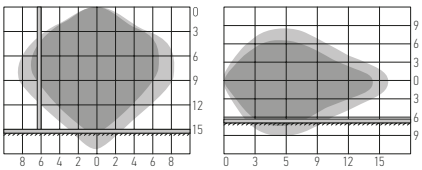


IL-09MW Mi ion sensor 3pin + IL-06RC control

IL-09IR Inf on sensor 3pin + IL-06RC control

IL-09IR50 I n sensor 3pin + IL-06RC control

MICROWAVE MOTION SENSOR:



Ceiling mounted

Wall mounted

Highest mounting height is 49.2 ft (15 m). This figure indicates the maximum distance at the highest mounting height with 100 % sensitivity.

Well detected area

Possibly detected area

User notes:

1. Microwaves can penetrate walls or glass thinner than 0.8" but will be impaired if thicker than 0.8".
2. The driver voltage shall be stable and float within 10 %.
3. Detection area will be affected by speed of motion, mounting height and movement volume.
4. Conduct testing with adequate ambient lighting for best results.
5. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
6. The first time powered ON sensor, light will be ON 100% for about 10S then dims to standby level or OFF.

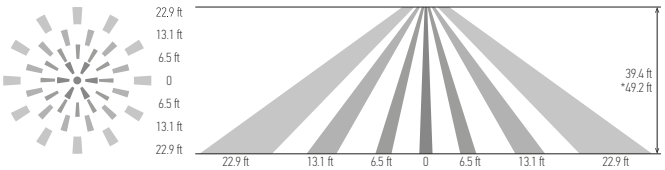
Installation precautions:

1. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on side-wall because it gets more sensitive.
2. Make sure the microwave module is completely exposed.
3. The detection surface of the sensor module should be installed facing the detection area.

Application environment:

1. Suitable for indoor application, half/completely outdoor environment conditions might trigger the sensor.
2. Shall be mounted securely, to avoid any false triggers caused by movement of the fixture itself.
3. Keep the sensor module away from AC input and DC output to avoid high/low frequency signal interference.

INFRARED MOTION SENSOR:



Mounting height < 39.4 ft (12 m) ceiling mounting (* for IL-09IR50 < 49.2 ft (15 m))

User notes:

1. The driver voltage shall be stable and float within 10%.
2. Detection area options may not function as expected because they depend on the Fresnel lens, which physically determines their operation.
3. Detection distance performance works better when moving parallel to the sensor as opposed to towards it.
4. Conduct testing with adequate ambient lighting for best results.
5. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
6. The first time powering ON the sensor, light will be ON 100% for about 45S then dims to standby level or OFF.

Installation precautions:

1. PIR sensor can't be placed inside any material, fresnel lens must be completely exposed in air.
2. Fresnel lens of the PIR sensor must be lower than light fixture.
3. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on a wall because it will become more sensitive.

Application environment:

1. Suitable for indoor application, partial/completely outdoor environment conditions might trigger the sensor.
2. The PIR sensor is not suitable for environments with sudden changes in temperature or airflow.
3. Not suitable environment if there's shelves between the sensor and target area.
4. Shall be mounted securely, to avoid any false triggers caused by movement of the fixture itself.

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 %
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 range	≥ 9 ft (3 m)	9.8 - 22.9 ft (3-7 m)		-
Operating frequency	5.8 GHz ± 75 MHz	-	-	-
Transmitting power	< 0.3 mW	-	-	-

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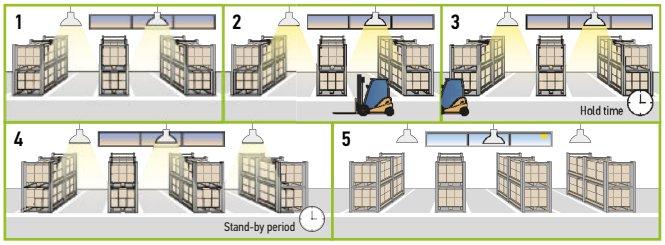
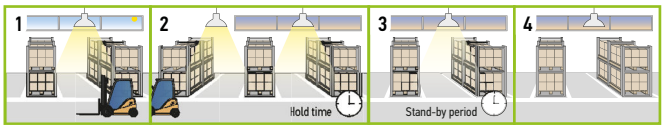
WITH DUSK/DAWN FUNCTION:

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.



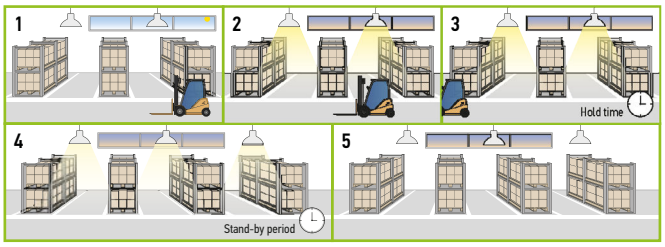
WITH DAYLIGHT DISABLED:

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.



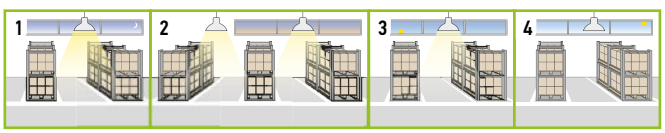
WITH DAYLIGHT THRESHOLD:

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.



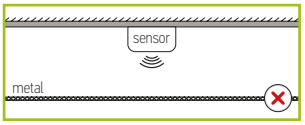
DAYLIGHT HARVESTING:

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.

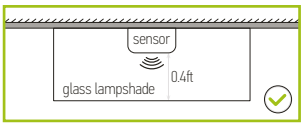


MICROWAVE MOTION SENSOR:

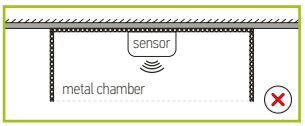
To avoid blocking the microwave emission, the microwave sensor can not be covered with metal materials, be sprayed with a coating of metal components, or have attached metal material or stickers etc.



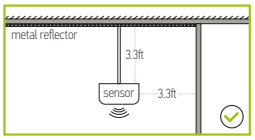
The distance between the antenna and the glass (dielectric material) should be no less than 0.4 ft when the sensor is within the glass lampshade. Otherwise, the microwave motion sensor will not penetrate the glass easily.



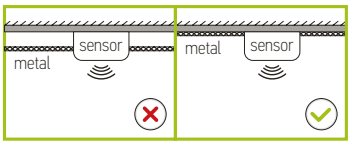
Avoid placing the sensor inside a metal chamber, this may cause a mis-trigger.



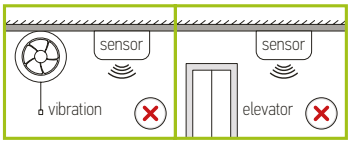
The sensor should not be placed in a small confined space. To avoid increasing the sensor detection range or abnormal operation, the sensor should be kept away from large areas of metal and glass reflectors (separation distance at least 3.3 ft). Reduce the detection area setting.



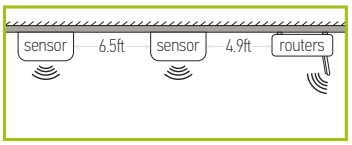
To avoid affecting the microwave signal transmission, the microwave antenna should be higher than the surrounding metal surface.



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

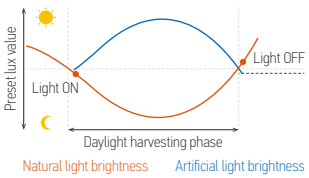


There must be at least 6.5ft between microwave sensors;
There must be at least 4.9ft between the sensor and other wireless devi ces such as routers to avoid possible radio interference.



DAYLIGHT HARVESTING SETTING:

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



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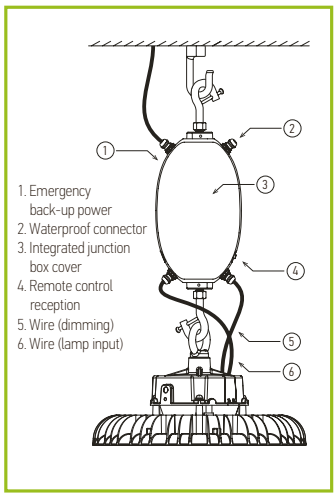
BATTERY BACK-UP KIT INFORMATION

BLD-RM40R **BLD-RM60R** sold separately:

BLD-RM40R, BLD-RM60R listed for field and factory installation, provides constant power output to the load during emergency mode operation. They maintain illumination in emergency mode for a minimum of 90 minutes. It is an ideal emergency solution for UFO LED highbay lights.





REMOTE TEST SWITCH

RN1 sold separately:

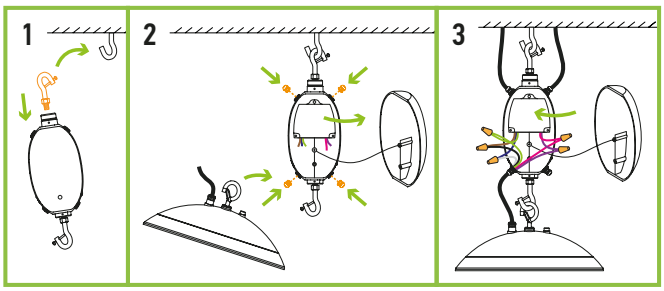
Button		Remarks
ON	ON	Press this button to switch battery to back-up mode. The indicator light will turn off and fixture will decrease light output.
OFF	OFF	Press this button to switch the fixture to normal operation mode.



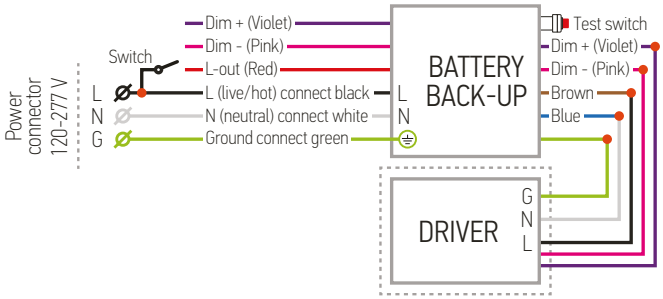
Specifications	BLD-RM40R	BLD-RM60R
Input voltage	100-347 V	
Input current	≤ 200 mA	
Input power	max 15W	
Standby input power	< 0.8W (finished charging)	
Maximum standby time between recharges	6 months	
Driver type	Constant power	
Output power (emergency mode)	40W	60W
Output voltage range	≤ 170 Vdc	
Lumens	6,000 lm	
Maximum load power	300W (when dimming to a minimum, the power needs to be less than 36W)	
Peak output power (emergency mode)	100W (lasts for 10 seconds)	
Number of output channels	1 channel	
RFI/EMI	FCC part 15 class B	
Output type	LED class 1	
Battery type	Li-ion	
Battery capacity available	2600 mAh (96 WH)	
Battery recharge time	24 hours	
Battery discharge time	90 min	
Maximum lighting fixture weight	44.1 lbs (20 kg)	
Self-diagnostic test system	In the normal charging mode, the system performs a self-diagnostic test every 30 days, the system switches to emergency mode for 30S, and then automatically switches back to the normal charging mode.	
	In the normal charging mode, the system switches to emergency mode every 360 days (after 11 monthly self-diagnostic test) and works until the end of discharge. Automatically switches back to normal charging mode after discharge.	
Operating temperature	40°F to 122°F (5°C to 50°C)	
Service life	50,000 hours	
Input surge protection	2 kV	
Protections	Battery over discharge protection, output short circuit protection	
Approvals/class	RoHS, UL924 listed, CEC title 20	
	Dry/Wet Locations, IP65	

INSTALLATION STEPS:

1. Install the G-hook to the top thread hole of the battery back-up and secure with the screw. Attach the battery back-up with G-hook to the ceiling hook.
2. Loosen the screw on the enclosed hook at the bottom of the emergency back-up, attach the ring on the fixture to the hook, and tighten screw back. Open the cover, remove the plastic covers, and install the five waterproof connectors.
3. Pull all wires through the waterproof connectors into the chamber of emergency driver. Connect wires: Brown, Blue, Green with AC input wires of the fixture. Connect dimming wires Purple and Pink with LED driver input dimming wires. Connect Black, White and Red wires of the battery back-up with AC main Power cord. Secure connection with wire nuts and close the cover of junction box.



ELECTRICAL SCHEMATIC DIAGRAM:



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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.

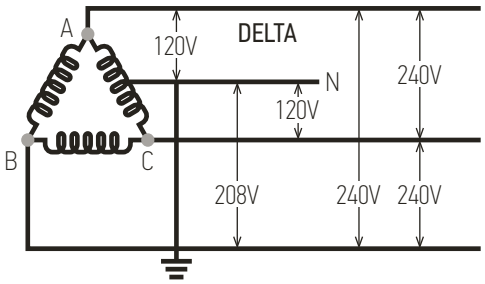
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

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.

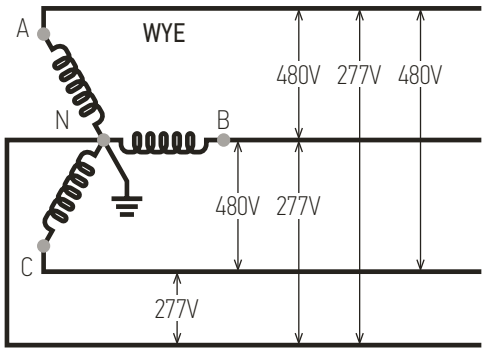
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

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

HIGH VOLTAGE WIRING DIAGRAMS

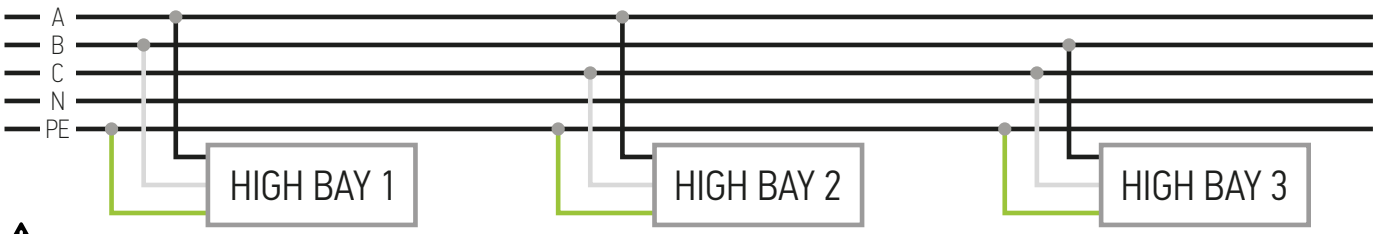


A - B 240 Volts
B - C 240 Volts
C - A 240 Volts
A - N 120 Volts
B - N 208 Volts
C - N 120 Volts



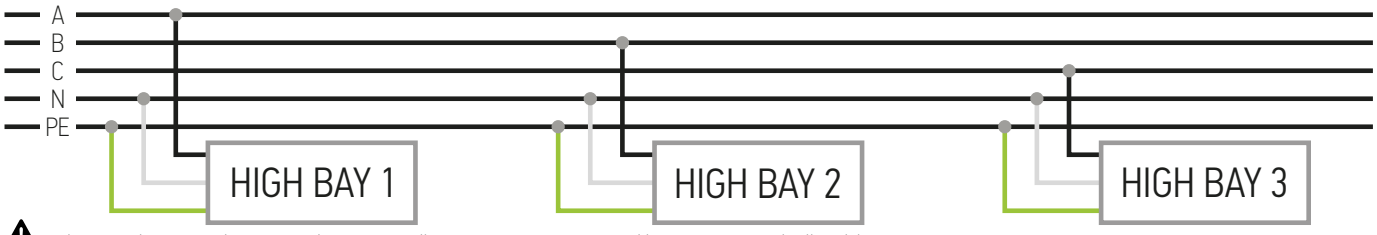
A - B 480 Volts
B - C 480 Volts
C - A 480 Volts
A - N 277 Volts
B - N 277 Volts
C - N 277 Volts

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



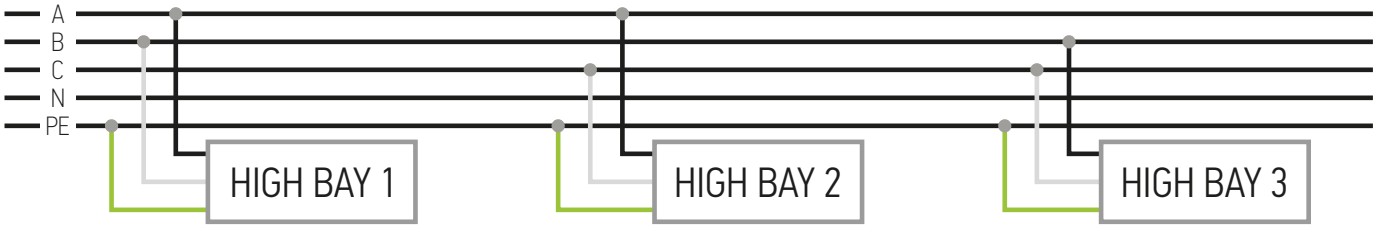
⚠ The Ground wire must be connected to a "PE" on all wiring. DO NOT use a Neutral line as your ground will void the warranty.

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.

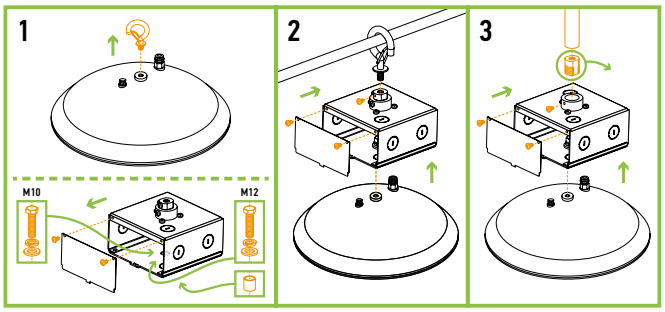
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

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

PENDANT MOUNT BRACKET WITH J-BOX AND SPRING HOOK INSTALLATION

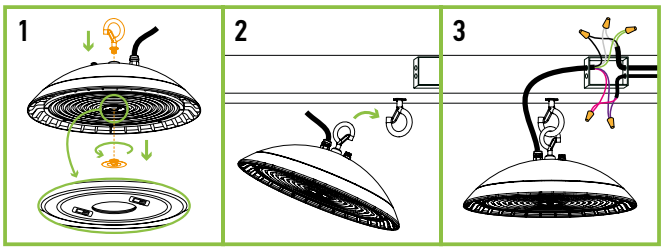
sold separately:

1. Uninstall the mounting ring from the fixture. Unscrew the two screws and open the side plate on the Pendant Junction box. Install M10 or M12 Mounting screw depending on the fixture's thread size.
2. **Mounting hook installation:** Loosen security screw and install the spring hook into the upper installation hole of the Pendant J-Box, then secure it with screw. Secure Pendant J-box to the fixture, and then to the ceiling. Close and secure side plate back into place.
3. **Pendant installation:** Uninstall adapter from pole mounting hole. Secure the Pendant J-box and fixture to the pole. Secure fixture to the Pendant J-box. Close and secure side plate back into place.



INSTALLATION STEPS:

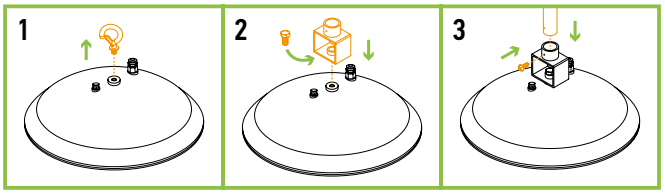
1. Screw on the spring hook and tighten it. Unscrew the knock-out from the middle of diffusor, choose the power and color temperature with a simple switch.
2. Hang the fixture from the ceiling or other surface using a hook or chain (not provided).
3. Connect the wires: Black to Black, White to White, Green to Green, as well as dimming wires Purple to Purple and Pink to Pink. Secure the connection with wire nuts.



PENDANT MOUNT BRACKET INSTALLATION

sold separately:

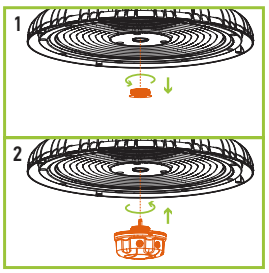
1. Remove the original ring from the driver.
2. Install the bracket and secure it to the driver using an M10 or M12 screw (included with the bracket).
3. Screw the bracket with the fixture onto a pole and secure it with an M3 screw (included with the bracket).



MOTION SENSOR INSTALLATION

sold separately:

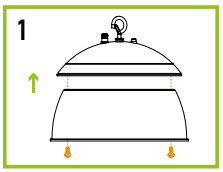
1. Unscrew the microwave sensor base cap.
2. Insert and twist the sensor until it is tight on the base surface.



DIFFUSER INSTALLATION

sold separately:

1. Install the diffuser, tighten the screws.



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ORDERING INFORMATION

Model	UPC	Pcs. per carton	Carton size	Carton weight
UFS-PRO 120-277V				
IL-UFS-PRO-200	810128114028	1	17.9" x 17.9" x 7.1"	11.2 lbs
IL-UFS-PRO-300	810128114301	1	17.9" x 17.9" x 7.1"	11.2 lbs
UFS-PRO-QB 120-277VWITH Q-BASE				
IL-UFS-PRO-200-QB	810128118002	1	17.9" x 17.9" x 7.1"	11.2 lbs
IL-UFS-PRO-300-QB	810128118705	1	17.9" x 17.9" x 7.1"	11.2 lbs
UFSHV-PRO-QB 200-480V WITH Q-BASE				
IL-UFSHV-PRO-200-QB	810128118514	1	17.9" x 17.9" x 7.1"	12.6 lbs
IL-UFSHV-PRO-300-QB	810128118521	1	17.9" x 17.9" x 7.1"	12.6 lbs

ACCESSORIES:

Model	Description	UPC	Pcs. in middle box	Middle box size	Middle box weight	GTIN 14 in middle box	Pcs. per carton	Carton size	Carton weight	GTIN 14
IL-09MW-WH	Microwave motion sensor 3pin white	810128113700	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113704	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113701
IL-09MW-BK	Microwave motion sensor 3pin black	810128113717	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113711	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113718
IL-09IR-WH	Infrared motion sensor 3pin white	810128113694	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113698	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113695
IL-09IR-BK	Infrared motion sensor 3pin black	810128114349	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128114343	120	17.3" x 11.8" x 11"	12.1 lbs	30810128114340
IL-09IR50-WH	Infrared motion sensor 3pin 50ft white	810128116794	10	5.5" x 2.6" x 11.4"	0.9 lbs	10810128116791	120	17.3" x 11.8" x 11"	10.7 lbs	20810128116798
IL-06RC	Remote control for motion sensor	810128114370	10	6.3" x 2.9" x 11.4"	0.5 lbs	30810128114371	60	15.8" x 11.8" x 9.3"	24.7 lbs	40810128114378
BLD-RM40R	Battery back-up kit 40W	810050738507	-	-	-	-	4	23.6" x 13.8" x 7.9"	32.5 lbs	20810050738501
BLD-RM60R	Battery back-up kit 60W	810128112154	-	-	-	-	4	23.6" x 13.8" x 7.9"	37.7 lbs	20810128112158
RN1	Remote test switch for battery back-up kit	810050735223	-	-	-	-	50	13" x 9.8" x 6.5"	8.3 lbs	20810050735227
IL-PMB-UHB	Pendant mount bracket	810050731522	-	-	-	-	50	13.9" x 9.7" x 7.1"	33.7 lbs	10810050731529
IL-PMBJB-UHB	Pendant mount bracket with J-box and spring hook	810050736992	-	-	-	-	40	17.7" x 11.4" x 21.3"	34.4 lbs	20810050736996

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