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User Manual

UDSR Series

Important: Read all instructions prior to installation.

LED UFO High Bay Light with Built-In Motion Sensor

UDSR-50K100-ACBKM

Optional Accessories

- Polycarbonate Reflector for 100 W / 150 W (UDSR-PR90-1015)
- Polycarbonate Reflector for 200 W / 240 W (UDSR-PR90-2024)
- Black Mounting Bracket for 100 W / 150 W (UDSR-UB-1015)
- Black Mounting Bracket for 200 W / 240 W (UDSR-UB-2024)
- White Mounting Bracket for 100 W / 150 W (UDSR-UBWH-1015)
- White Mounting Bracket for 200 W / 240 W (UDSR-UBWH-2024)

Required Accessories

- Remote (UDSR-REMOTE / requires 2 x AAA batteries, not included)

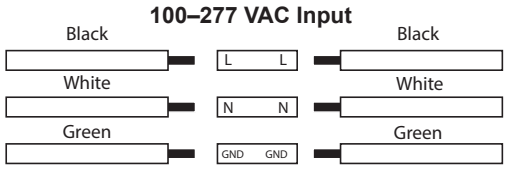
Safety and Notes

- Product should be installed by a certified electrician in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.
- Avoid looking directly into the lamp when illuminated.
- Ensure all mounts are securely attached and will support the weight of the fixture. Failure to properly support the fixture may result in damage or injury, for which the manufacturer does not assume responsibility.
- Motion sensor does not fully switch off light. Supply power must be cut to fully turn light off.

Installation

1. Insert eye bolt into threaded hole on top of fixture and tighten.
2. With power supply shut off, connect wiring.
3. Hang fixture by attaching eye bolt to an existing hook or carabiner (SBL number HBU-CARB or SC-300).

Wiring Diagram



Remote Function

ON/OFF - Manually sets light to ON (100% illumination) or OFF (10% illumination)
Auto Mode - Toggles Auto Mode ON and OFF (Auto Mode uses scene settings as seen below)

Scene	SC1	SC2	SC3	SC4
Detection Area	100%	100%	100%	100%
Hold Time	30 sec	5 min	10 min	30 min
Daylight Threshold	2 lx	10 lx	50 lx	disabled
Standby Period	1 min	10 min	30 min	+∞
Standby Dimming Level	10%	10%	10%	10%

Manual Motion Sensor Settings

Detection Range - Sets detection area to selected percentage of maximum detection area (46 ft)
Hold Time - Sets time that light stays at 100% illumination after no motion is detected.
Standby Dimming Level - Sets the illumination level of the light during standby period.
Standby Period - Sets time that light stays at standby dimming level after entering standby mode.
Daylight Sensor - Sets the ambient light threshold where the light will automatically switch to full illumination.

Specifications

Model UDSR-	xK100-ACxM	xK150-ACxM	xK200-ACxM	xK240-ACxM
Operating Temperature	-40°–122° F(-40°–50° C)			
IP Rating	IP65			
Weight	6.6 lb (3 kg)		10.1 lb (4.6 kg)	
Max Mounting Height	49.2 ft (15 m)			

Check product label for specific electrical specifications related to installation. Improper installation will void warranty.

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