

Slim Canopy Installation Instructions



IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

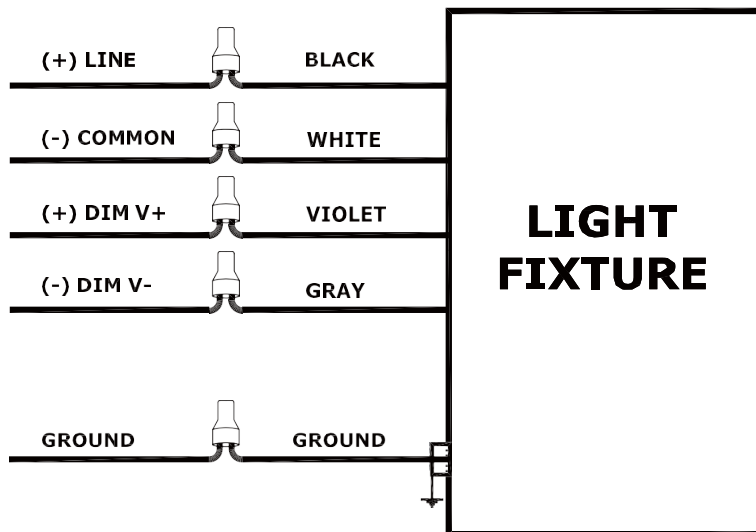
fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture.

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum. For 0-10V Dimming, follow the wiring directions as in fig. 1.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.
Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the violet fixture lead to the (V+) DIM lead.
5. Connect the gray fixture lead to the (V-) DIM lead.



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1. To prevent personal injury or product damage only licensed electricians should install.
2. To avoid electrical shock or component damage, disconnect power before attempting installation or servicing.
3. This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
4. Disconnect product and allow cooling prior to any further steps.
5. Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
6. To prevent product malfunction and/or electrical shock this product must be properly grounded.
7. This luminaire is designed to operate in ambient temperatures ranging from -25 °C to 40 °C and to be horizontally mounted with the LED board facing downward.

INSTALLATION

Surface Mount:

1. Unfasten surface mount plate side screw.
2. Slide surface mount plate out and up to remove.
3. Mount surface mount plate onto J Box.
4. Secure fixture onto surface mount plate by first hooking fixture onto ring.
5. Wire fixture (according to diagram above.)
6. Lift fixture and fasten with surface mount plate screw.

Side Entry Mount:

1. Remove the four screws attaching the lens diffuser to the fixture and set the screws and lens aside.
2. Remove the screws attaching the housing cover to the housing and set aside.
3. Remove 1/2" plug from direction you intend to feed conduit.
4. Fixture is best mounted by drilling through back of fixture securing it to the mounting surface using the -appropriate mounting hardware for the surface. Mounting hardware supplied by others. When drilling holes do not drill within 1/4" (6 mm) from edges of fixture. All unused holes must be plugged. Waterproof silicone will ensure a tight seal.
5. Complete the wiring to the incoming power and ground (refer to "Fixture Wiring" section).
6. Replace the housing cover and lens diffuser. Note: Make sure no wires are pinched when replacing parts.

Pendant Mount:

1. Unfasten surface mount plate side screw.
2. Slide surface mount plate out and up to remove.
3. Wire fixture (according to diagram above.)
4. Secure the fixture to the pendant via 3/4" knockout, screwing tightly until secured.

SAFETY INSTRUCTIONS

WARNING: Risk of fire or electric shock. Suitable for Damp locations.

WARNING: Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.

WARNING: Vapor barrier must be suitable for 90 °C.

WARNING: Fixture to be independently supported to building structure.

CLEANING & MAINTENANCE

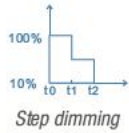
CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean lens & fixture with non-abrasive cleaning solution.
2. Do not open fixture to clean the LEDs. Do not touch the LEDs.

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Be sure the fixture is grounded properly.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.



3-step dimming function



1 With sufficient ambient light, the light will not be switched on.



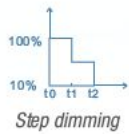
2 With insufficient ambient light, the sensor switches on the light when motion is detected.



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.



2-step dimming function



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 level if no motion is detected.

Settings

• Detection Area

	1	2
100%	ON	ON
75%	ON	-
50%	-	ON
25%	-	-

• Hold time

	3	4	5
8S	ON	ON	ON
30S	ON	-	ON
1min	-	ON	ON
5 min	ON	-	-
10min	-	ON	-
15min	-	-	ON
30min	-	-	-

• Stand-by Period

	6	7	8
0s	ON	ON	ON
1min	ON	-	ON
3min	-	ON	ON
5min	ON	-	-
10min	-	ON	-
30min	-	-	ON
+∞	-	-	-

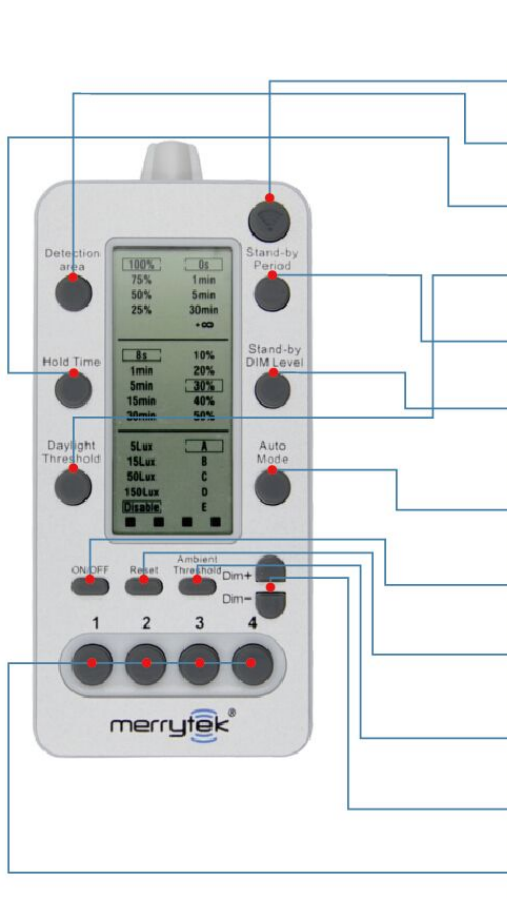
• Stand-by Dim Level

	1	2
10%	ON	ON
20%	ON	-
30%	-	ON
40%	-	-

- Daylight Sensor

	3	4	5	6
5Lux	ON	ON	ON	ON
15Lux	-	ON	ON	ON
30Lux	ON	-	ON	ON
50lux	-	-	ON	ON
100lux	ON	ON	-	ON
150lux	ON	ON	ON	-
Disable	-	-	-	-

- Remote Control MH02



Button	Name	Description										
	Transmit	Uploads the settings										
	Detection Area	25%/50%/75%/100%										
	Hold time	The timeout from 100% to dim 8S/1min/5min/15min/30min										
	Daylight Threshold	5Lux/15Lux/50Lux/150Lux/ Disable										
	Stand-by period	The timeout from dim to off 0S/1min/5min/30min/+∞										
	Stand-by DIM level	10%/20%/30%/40%/50%										
	Auto mode	A. Movement Motion detect 9.8ft~19.7ft/3-6m B. Presence detect 9.8ft~19.7ft/3-6m C. Presence detect with daylight harvesting 9.8ft~19.7ft/3-6m D. High mounting: 19.7ft~49.2ft/6-15m E. High mounting with daylight harvesting : 19.7ft~49.2ft/6-15m										
	ON-OFF	Permanent ON/OFF										
	Reset	Press "Reset" button for factory testing purpose only. <table border="1"> <thead> <tr> <th>Detection Area</th> <th>Hold Time</th> <th>Daylight sensor</th> <th>Stand-by period</th> <th>Stand-by dim level</th> </tr> </thead> <tbody> <tr> <td>100%</td> <td>1min</td> <td>Disable</td> <td>3min</td> <td>20%</td> </tr> </tbody> </table>	Detection Area	Hold Time	Daylight sensor	Stand-by period	Stand-by dim level	100%	1min	Disable	3min	20%
Detection Area	Hold Time	Daylight sensor	Stand-by period	Stand-by dim level								
100%	1min	Disable	3min	20%								
	Ambient Threshold	Press this button to set the current suitable daylight threshold.										
	Dim+ / Dim -	Adjust the light level when motion detected.										
	*1/2/3/4	4 optional quick settings										