ETLIN-DANIELS

INSTALLATION FOR CNM6-M80WC0-SB-BL CANOPY



SAVE THESE INSTRUCTIONS - READ ALL INSTRUCTIONS CAREFULLY

⚠ WARNING

UL CERTIFIED SAFETY US+CA SÛRETÉ US+CA E474174

5 YEAR ANNÉE LIMITED WARRANTY/GARANTIE LIMITÉE

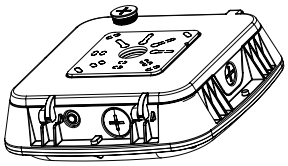
CAN ICES-005 (B) / NMB-005 (B)

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION.

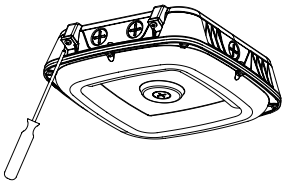
- To avoid risk of fire or electrical shock, this product should be installed and maintained by a qualified electrician in accordance with all national and regional electrical codes.
- Turn off power to fixture during installation and maintenance.
- Any altercation or modification of this product is forbidden as it may cause personal injury, death, property damage and / or product malfunction.
- To prevent product malfunction and / or electrical shock this product must be properly grounded.
- Consult a qualified electrician to ensure correct branch circuit conductor.

BEFORE INSTALLATION

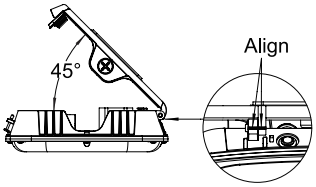
1. Remove the plug from the top of the fixture to expose the NPT threads



2. Loosen the screw on the front of the housing.



3. Let the front housing and the rear cover form a 45° angle by aligning with the scale at the shaft.



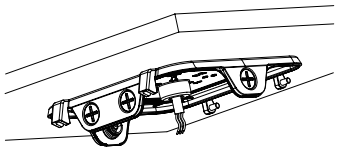
4. Slide the front housing to detach from the rear cover.



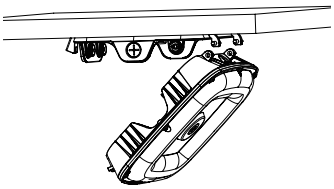
MOUNTING INSTALLATION INSTRUCTIONS - (SAVE INSTRUCTIONS FOR FUTURE REFERENCE).

SURFACE MOUNTING

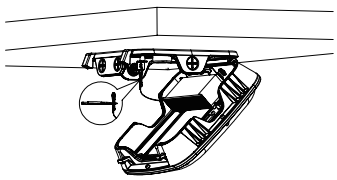
1. Drill holes according to the mounting holes on the cover and fix the cover to the ceiling with mounting screws.



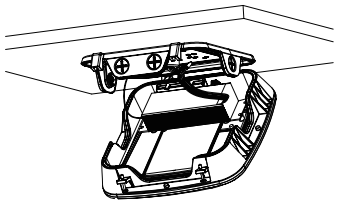
2. Re-attach the front housing to the rear cover by connecting the hinges.



3. Use the needle-nose pliers to unfasten the buckle on the safety rope and engage it in the hook of the upper cover

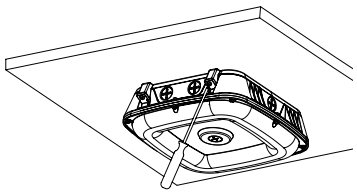


4. Turn off the power, make electrical connections as shown in the wiring diagram, use approved wiring connectors and wire to local codes.



5. Close the housing and screw it down, be careful not to clamp the wires. Installation complete.

NOTE:
To weather-proof your outdoor installation, be sure to seal all holes and perimeter of the bottom housing with sealant silicone.



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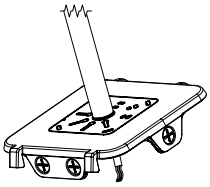
INSTALLATION FOR CNM6-M80WC0-SB-BL CANOPY



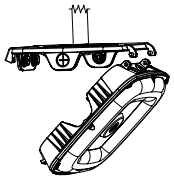
SAVE THESE INSTRUCTIONS - READ ALL INSTRUCTIONS CAREFULLY

PENDANT MOUNTING

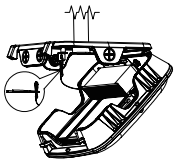
1. Fix the cover to the 3/4" threaded conduit pipe.
Note: Seal thread using Teflon tape or silicone sealant



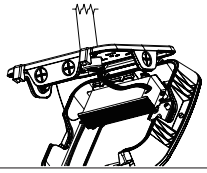
2. Re-attach the front housing to the rear cover by connecting the hinge.



3. Use the needle-nose pliers to unfasten the buckle on the safety rope and engage it in the hook of the upper cover

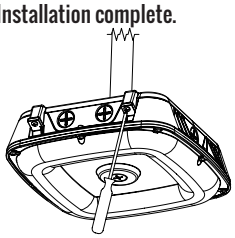


4. Turn off the power, make electrical connections as shown in the wiring diagram, use approved wiring connectors and wire to local codes.



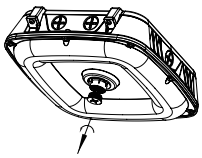
5. Close the housing and screw it down, be careful not to clamp the wires. Installation complete.

NOTE:
To weather-proof your outdoor installation, be sure to seal all holes and perimeter of the bottom housing with sealant silicone.

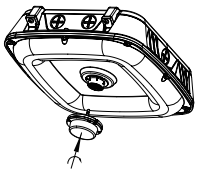


SENSOR INSTALLATION

1. Remove the plug-in receptacle screw plug according to the arrow direction.



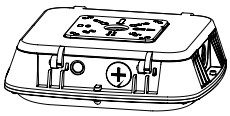
2. Install the plug-in sensor on the plug-in receptacle. arrow direction.

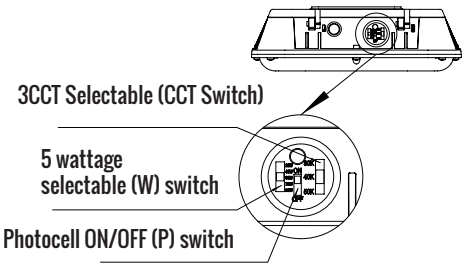


FUNCTION ADJUSTMENT

Follow instructions below to change the Fixture Power (W) and/or Color Temperature (CCT) from factory settings: Factory Default Settings: Max wattage, 5000K.

1. Remove the selector switch cover plug as shown in the figure.
2. Select Color Temperature(CCT), Power (W), Photocell ON/OFF(P) position, and position by sliding the respective switch to the desired value.



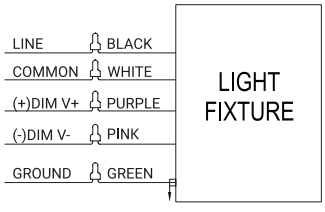


WIRING INSTRUCTION

WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.
Black wire connects to L, White wire connects to N, Green wire connects to GROUND. For 0-10V dimming, the wiring direction as below.

1. Turn off the power.
2. Connect the BLACK wire with the LINE.
3. Connect the WHITE wire with the COMMON .
4. Connect the GREEN wire with the GROUND.
5. Connect the PURPLE wire with the(V+)DIM.
6. Connect the PINK wire with the(V-)DIM.

Caution: DO NOT connect the PINK(-)DIM V- wire with GROUND



MAINTENANCE AND CLEANING

WARNING: TURN OFF POWER BEFORE MAINTENANCE AND CLEANING.
1. Before touching the fixture, make sure the fixture is cooling.
2. Do not clean or maintain while the fixture is energized.
3. Clean the lens & fixture with a non-abrasive glass cleaning solution.
4. Do not open the fixture to clean and touch LED chips.

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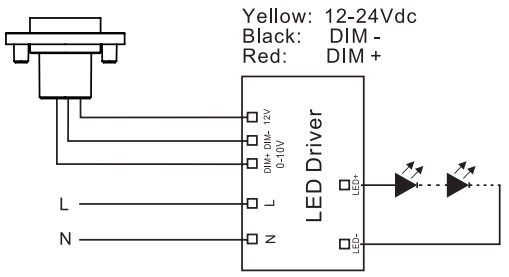
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MICROWAVE SENSOR SPECIFICATION

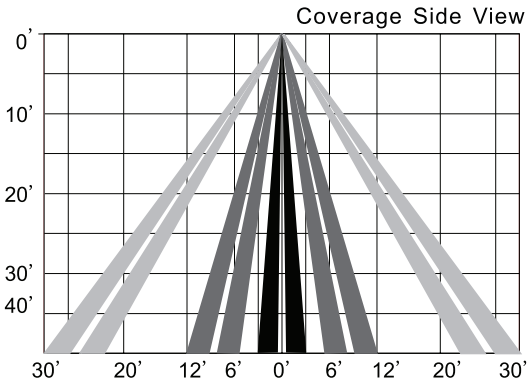
SENSOR WIRING DIAGRAM

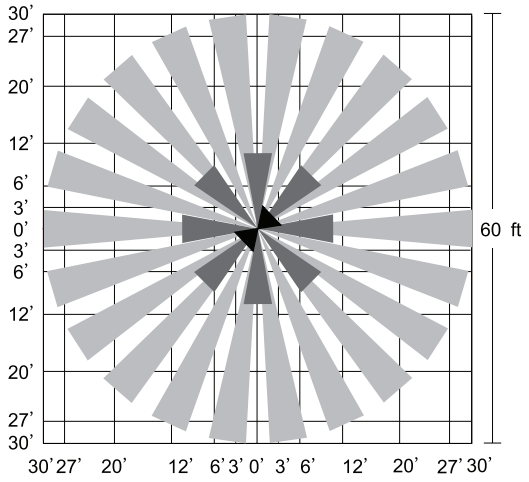


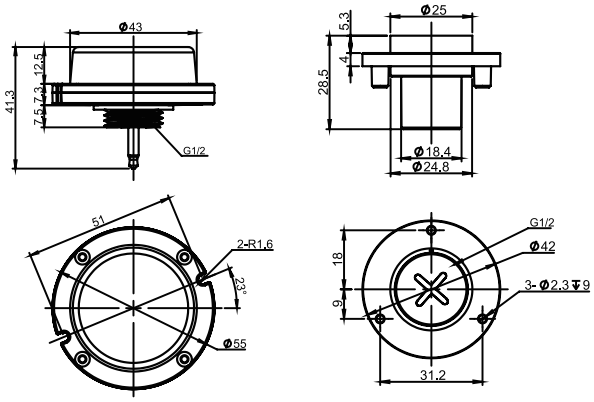
Cable specifications:
AWM 2464 222AWG
80°C 300V

DESCRIPTION	
Operating Voltage	12 ~ 24VDC
Max Current Sink	50mA ± 5%
HF System	5.8GHz ± 75MHz
Transmission Power	<0.2mW
Dim Control Output	0-10V
Detection Radius	20% / 50% / 75% / 100% (1-8m)
Mounting Height	Max 50ft. (15 meters)
Time Setting	10s / 1 min / 5min / 10min / 15min / 20min / 30 min / 60 min
Light Control	24H / 10 LUX / 30 LUX / 50 LUX
Temperature	-4°F ~ +140F (-20°C ~ +60°C
IP Rating	IP65

SENSOR COVERAGE







WARNING!

NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☼ , Dimming level: 30%, Dimming Time: 60 minutes.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

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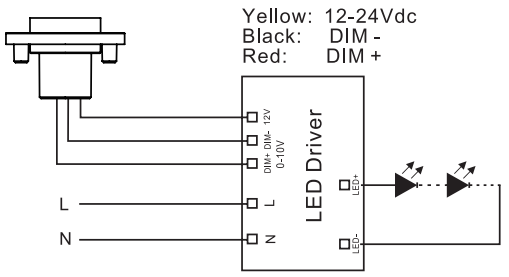
INSTALLATION FOR CNM6-M80WC0-SB-BL CANOPY



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PIR SENSOR SPECIFICATION

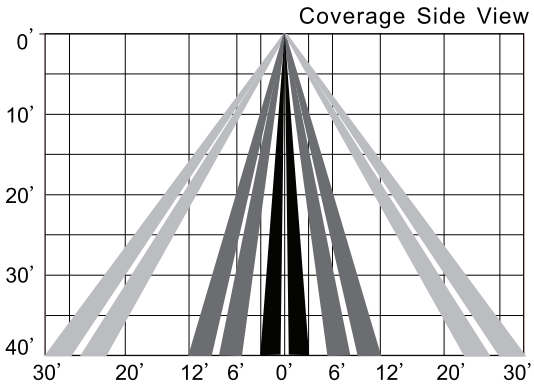
SENSOR WIRING DIAGRAM

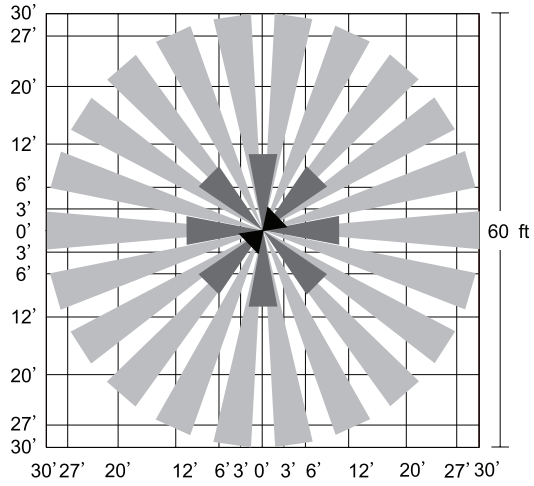


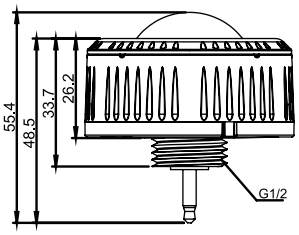
Cable specifications:
AWM 2464 222AWG
80°C 300V

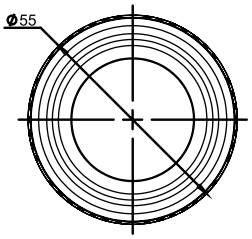
DESCRIPTION	
Operating Voltage	12 ~ 24VDC, >30mA
Dim Control Output	0-10V, max. 25mA sinking current
Remote Range	50ft. (15m) indoor, no backlight
Detection Radius	20% / 50% / 75% / 100% (1-8m)
Mounting Height	Max 40ft. (12 meters)
Time Setting	10s / 1 min / 5min / 10min / 15min / 20min / 30 min / 60 min
Light Control	24H / 10 LUX / 30 LUX / 50 LUX
Temperature	-4°F ~ +140F (-20°C ~ +60°C
IP Rating	IP65

SENSOR COVERAGE









WARNING!

NOTE: Warm up time is 40 seconds. After the sensor connects input power first time, the light will keep on 40 seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☼ , Dimming level: 30%, Dimming Time: 60 minutes.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

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INSTALLATION FOR CNM6-M80WC0-SB-BL CANOPY



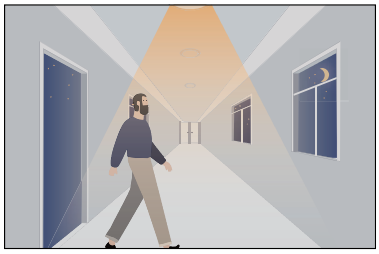
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CORRIDOR FUNCTION

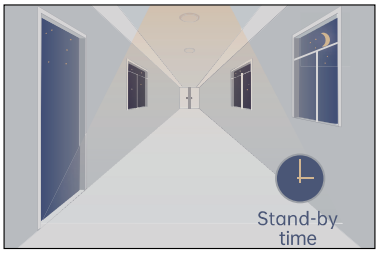
This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%–>dimmed light (natural light is insufficient) –>off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



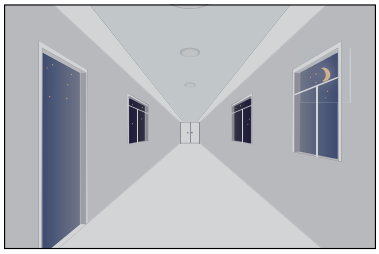
With sufficient natural light, the fixture does not switch on when presence is detected.



When ambient brightness is insufficient, the fixture light increases to 100% when motion is detected.

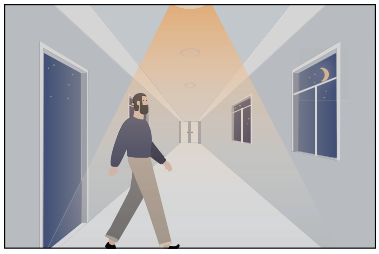


If no motion is detected after the hold time, the fixture dims to the standby level.

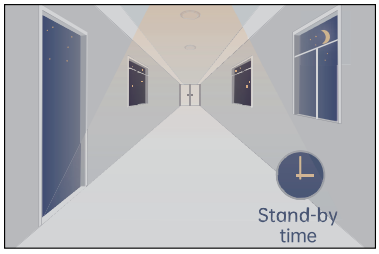


Fixture switches off automatically after the stand-by period elapses.

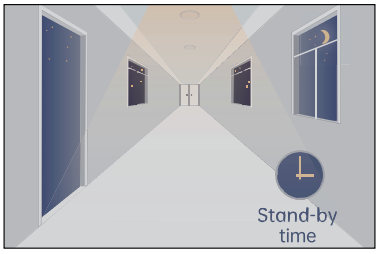
DAYLIGHT SENSOR FUNCTION (FOR PIR SENSORS ONLY)



The fixture switches on at 100% when there is movement detected.



The fixture dims to stand-by level after the hold-time.



The fixture remains in dimming level at night.

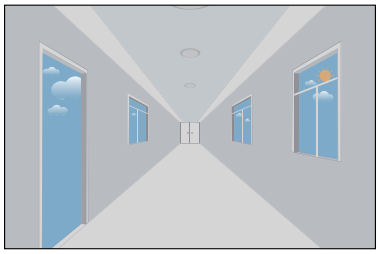
Settings on this demonstration:

Hold-time: 30min
Setpoint on:50lux
Setpoint off:300lux
Stand-by Dim: 10%
Stand-by period: +∞
(when the smart photocell sensor open, the stand-by time is only +∞)

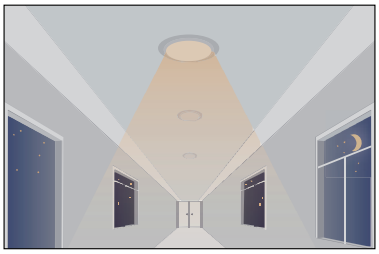
1 ←→ 3

Cycle continues at night.

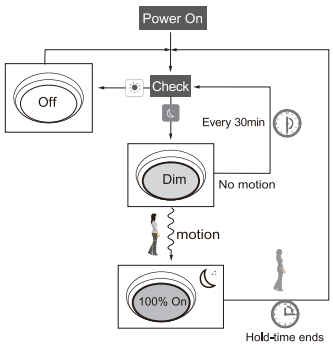
The fixture switches on at 100% when there is movement detected, and Dims to 10% over period of time when no motion is detected.



The fixture turns off when ambient brightness is higher than the preset lux level.



The fixture automatically turns on at 10% when natural light is insuffcient (no motion).



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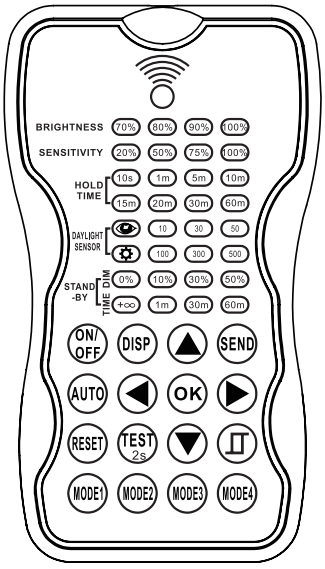
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REMOTE CONTROL APPLICATIONS

	DESCRIPTION		DESCRIPTION
Power Supply	2 x AAA 1.5V Battery, Alkaline Preferred	Op. Temperature	0°F ~ +50°C (-32°F ~ +122°C
Carrying Case	RC-100 in carrying case	Dimensions	123 x 70 x 20.3mm (4.84" x 2.76" x 0.8")
Upload Range	Up to 15m (50 ft.)		

WARNING!

Remove the batteries if the remote will not be used in 30 days.



BUTTON NAME	DESCRIPTION	BUTTON NAME	DESCRIPTION
Brightness	(Press to adjust dimming level 70% / 80% / 90% / 100%)		To select the current surrounding LUX as the daylight threshold. This feature enabkes the fixture to function well in any real application circumstance.
Sensitivity	(Press to adjust sensitivity 20% / 50% / 75% / 100%) Note: PIR Motion Sensor have no sensitivity setting,		The daylight sensor stops working, and all motion detected could turn on the light fixture, no matter how bright the natural light is.
Hold Time	(Press to hold time 10s / 1 min / 10 min / 30 min)	Stand-By Dim	Press to adjust standby dimming level 10% / 20% / 30% / 50%)
Daylight Sensor	Press to adjust daylight threshold (10lx / 30lx / 50lx / 100/x)	Stand-By Time	To set the time that the sensor will be kept the light at low dim after HOLD TIME elapsed.
ON / OFF	Press ON / OFF button, the light goes to permanent off mode, and the sensor is disabled. (Must press AUTO button to quit this mode.)	Auto	Press this button, the sensor starts to function and all settings remain the same as the latest status before the light is switch ON / OFF
DISP	Display the current setting parameters in LED indicators (The LED indicators will on for showing the setting parameter.	Test	This button is for testing sensitivy purposes only. After sensitivity thresholds are chosen. Press this button (hold time is only 2s). The stand-by period and daylight sensor are disabled. Press AUTO button to quit TEST MODE.
Reset	Press this button, all settings go back to settings of dip switch in sensor.	LEFT / RIGHT	Navigate to LEFT and RIGHT to choose selected parameters in LED indicators.
Up / Down	Enter in the setting condition, the parameter LED of remote control will flash to be selected, navigate with UP and DOWN to choose selected parameters in LED indicators.		Open and close smart daylight sensor. Press UP or DOWN Enter in the setting condition, the parameter LED of remote control will flash to be selected.
OK	Press this button to confirm the selected parameter in remote control.		
SEND	Press this button, to upload the current parameters to sensors, the LED light which the sensor connects will ON / OFF as confirm.		
MODE	4 Scene modes with preset parameters which are avaiilable to be changed and saved in modes.		

Head Office - 1850 Wilson Ave. · Toronto, ON · M9M 1A1 · **Tel:** 416.741.7336 · **Fax:** 416.741.9104
Toll Free: in Canada. 1.800.661.9610 · in USA. 1.888.762.5384 (SOCKETS4U)
www.etlin-daniels.com · For sales/service questions - sales@etlin.com