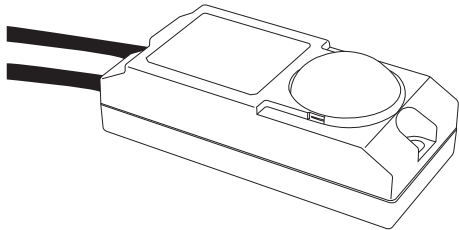




POH-946 series

Under Cabinet Occupancy Sensor

INSTALLATION INSTRUCTIONS

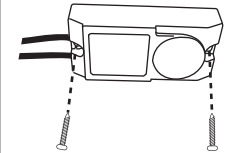
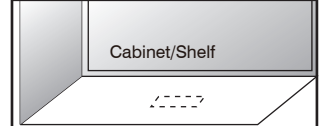


OVERVIEW

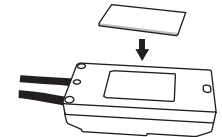
The POH-946 series is a low voltage occupancy sensor designed for under-cabinet LED lighting control. The sensor employs a cutting edge pyroelectric infrared sensor and a compact dome lens to provide excellent occupancy sensing capability. A PWM circuit is integrated to regulate the DC power from the driver to control the connected LED lighting accordingly. Thanks to its low profile design, the sensor can be easily mounted under a cabinet or shelf to provide energy efficient, occupancy sensing based automatic LED lighting control.

The POH-946 series is available with specific model featuring different control modes. You can always find the right sensor to meet customer's requirement, while achieving maximum energy efficiency.

INSTALLATION



Double-Sided sticker



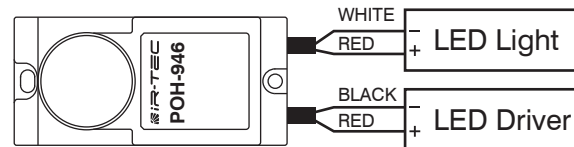
⚠ CAUTION & WARNING

- Open Type Photoelectric Switches

⚠ AVERTISSEMENT & PRUDENCE

- Ouvrir Type commutateurs optoélectroniques.

WIRING DIAGRAM



www.irtec.com

P/N: 058-94600-001

Printed in Taiwan

This product may be covered by one or more U.S. patents or patent applications.
Please visit www.irtec.com for more information.

OPERATION

The POH-946 series is available with specific model featuring different control modes.

POH-946MBW	
ALS	Yes
Low DIM	30%
Delay	5 min
Time Off	No
Driver	CV

POH-946MCW	
ALS	Yes
Low DIM	30%
Delay	5 min
Time Off	10 min
Driver	CV

POH-946MDW	
ALS	No
Low DIM	30%
Delay	5 min
Time Off	No
Driver	CV

POH-946MEW	
ALS	No
Low DIM	N/A
Delay	5 min
Time Off	No
Driver	CV/CC

OUTPUT(%)	MOTION

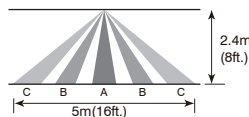
DETECTION PATTERN

Standard

Top View



Side View

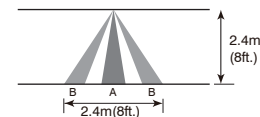


Range with mask cap on

Top View



Side View



SPECIFICATIONS

Power supply	12~48 VDC from LED driver
Current drain	<2.5 mA @ 48V, load OFF
Control load	Max. 3A @ 12~48 VDC
Sensing technology	Passive Infrared (PIR)
Control output	1KHz Pulse Width Modulation
Day/Night threshold	Day: >50 lux, night: <20 lux
Warm-up time	Approx. 90 sec.
Detection coverage	2X of mounting height
Mounting height	0.6~3 m (2~10 ft.)
Detection zones	38 zones
Cable length	Approx. 10 cm (4")
Detectable speed	0.15~3 m/sec. (0.5~10 ft./sec.)
Op. temperature	-40°C~55°C (-40°F~131°F)
Dimensions	66x30x24 mm (2.6"x 1.2"x 0.95")