

SENSOR OPTIONS FOR FIXTURES

PIR SENSOR



Part Number:
ZL-MS-SENSOR-ANT-1P-4T

Power Supply	12-24VDC, >50mA
Dim Control Output	0-10V, max. 25mA sinking current
Mounting Height	12ft max.
Detection Angle	360°
Operating Temperature	-20°C-60°C



Part Number:
ZL-REMOTE-RC-100
(Sold Separately)

MICROWAVE SENSOR, 3PIN STYLE



Part Number:
ZL-MV-SENSOR-HD07VR-MH

Power Supply	10-15VDC, <30mA
Dim Control Output	DIM 0-10V
Mounting Height	12ft/39ft max.
Detection Distance	≥3m/9ft
Operating Temperature	-40°C-60°C



Part Number:
ZL-REMOTE-HD05R
(Sold Separately)

MICROWAVE SENSOR, 3PIN STYLE WITH 90° ANGLE



Part Number:
ZL-MV-SENSOR-HB-ARM-HD07R

Power Supply	10-15VDC, <30mA
Dim Control Output	DIM 0-10V
Mounting Height	12ft/39ft max.
Detection Distance	≥3m/9ft
Operating Temperature	-40°C-60°C



Part Number:
ZL-REMOTE-HD05R
(Sold Separately)

BI-LEVEL MICROWAVE SENSOR



Part Number:
ZL-MV-SENSOR-ANT-7

Power Supply	12-24VDC, >50mA
Dim Control Output	0-10V, max. 25mA sinking current
Mounting Height	Max. 20ft (6m)
Detection Distance	0-10V, max. (5.m) @8ft. (2.5) height/360°
Operating Temperature	-40°F-158°F (-40°C-70°C)



Part Number:
ZL-REMOTE-RC-100
(Sold Separately)

SENSOR OPTIONS FOR FIXTURES

PIR SENSOR



Part Number:
ZL-MS-SENSOR-ANT-4A

Power Supply	12-24VDC, >50mA
Dim Control Output	-10V, max. 25mA sinking current
Mounting Height	15ft (4.5m) max.
Detection Angle	120°
Operating Temperature	-20°C-70°C

IP20



Part Number:
ZL-REMOTE-RC-105
(Sold Separately)



Optional Power Supply:
MUSP-12V-03-SW

MICROWAVE CURVED SENSOR



Part Number:
ZL-MV-SENSOR-STRIP-DM

Power Supply	10-15VDC, <40mA
Dim Control Output	DIM 0-10V
Mounting Height	4m/13.12ft max.
Detection Distance	≥3m/9ft
Operating Temperature	-25°C-60°C

IP20



PIR SENSOR



Part Number:
ZL-MV-SENSOR-ANT-6-4T

Power Supply	12-24VDC, <30mA
Dim Control Output	0-10V, max. 25mA sinking current
Mounting Height	Max. 40ft (12m)
Detection Distance	20%/50%/75%/100%(1-8m)
Operating Temperature	-4°F-140°F (-20°C-60°C)

IP65



Part Number:
ZL-REMOTE-RC-100
(Sold Separately)

SENSOR OPTIONS FOR FIXTURES

PIR SENSOR WITH 90 DEGREE ARM



Part Number:
ZL-MS-SENSOR-HB-ARM-ANT-6-4T

Power Supply	12-24VDC, <30mA
Dim Control Output	0-10V, max. 25mA sinking current
Mounting Height	Max. 40ft (12m)
Detection Angle	20%/50%/75%/100%(1-8m)
Operating Temperature	-4°F-140°F (-20°C-60°C)



Part Number:
ZL-REMOTE-RC-100
(Sold Separately)

LOW VOLTAGE BI-LEVEL MICROWAVE SENSOR



Part Number:
ZL-MV-SENSOR-ANT-3

Power Supply	12-24VDC, >50mA
Dim Control Output	0-10V, max. 25mA sinking current
Mounting Height	Max. 13ft (4m)
Detection Distance	Max. 17ft (5.2m) / 360°
Operating Temperature	-40°F-158°F (-40°C-70°C)



Part Number:
ZL-REMOTE-RC-100
(Sold Separately)

MICROWAVE SENSOR



Part Number:
ZL-MV-SENSOR-ANT-5-4T

Power Supply	12-24VDC, >50mA
Dim Control Output	0-10V, max. 25mA sinking current
Mounting Height	Max. 50ft (15m)
Detection Distance	20%/50%/75%/100%(1-m)
Operating Temperature	-4°F-140°F (-20°C-60°C)



Part Number:
ZL-REMOTE-RC-100
(Sold Separately)

MICROWAVE SENSOR AUDIO JACK



Part Number:
ZL-MV-SENSOR-HD09VR-MHB-1-BL

Power Supply	10-15VDC, <30mA
Dim Control Output	DIM 0-10V
Mounting Height	15m/49.21ft Max.
Detection Distance	≥3m/9ft
Operating Temperature	-40°C-70°C



CONTROL & SMART FEATURES

Bluetooth Mesh (BLE) Support:
includes Bluetooth Mesh capabilities, allowing for HAISEN Blue app-based control and integration into smart lighting systems.

Allows:

Grouping of lights, Scheduling, Scene setting Remote dimming and motion sensitivity adjustments

SENSOR OPTIONS FOR FIXTURES

MICROWAVE SENSOR AUDIO JACK



Part Number:
ZL-MV-SENSOR-HD09VR-MH

Power Supply	10-15VDC, <30mA
Dim Control Output	DIM 0-10V
Mounting Height	15m/49.21ft max.
Detection Angle	≥3m/9ft
Operating Temperature	-40°C-70°C



Part Number:
ZL-REMOTE-HD05R
(Sold Separately)

MICROWAVE SENSOR – BLUETOOTH



Part Number:
ZL-MV-HD08VR-MB-1

Power Supply	1-15VDC
Dim Control Output	DIM 0-10V
Mounting Height	4m/13.12ft max.
Detection Distance	≥3m/9ft
Operating Temperature	-25°C-60°C

