Linear LED Vaportight High Performance Luminaire Motion/ Photo Control Instructions

Halco
LIGHTING TECHNOLOGIES ®

LVTH4CL/WR (#99629) Motion/Photo Wireless Remote Control

1. Detection Coverage

Ceiling Mounted

Top View
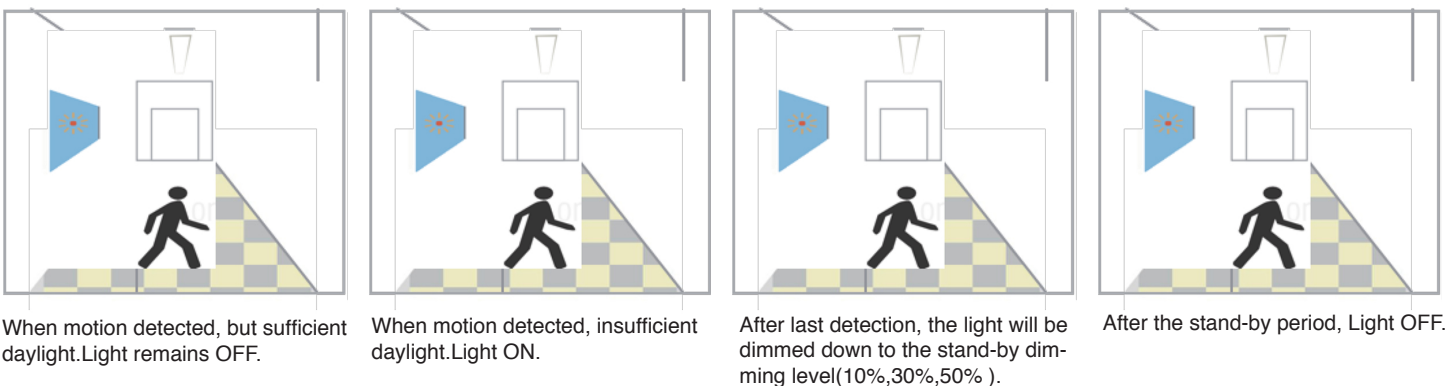
Wall Mounted

Top View
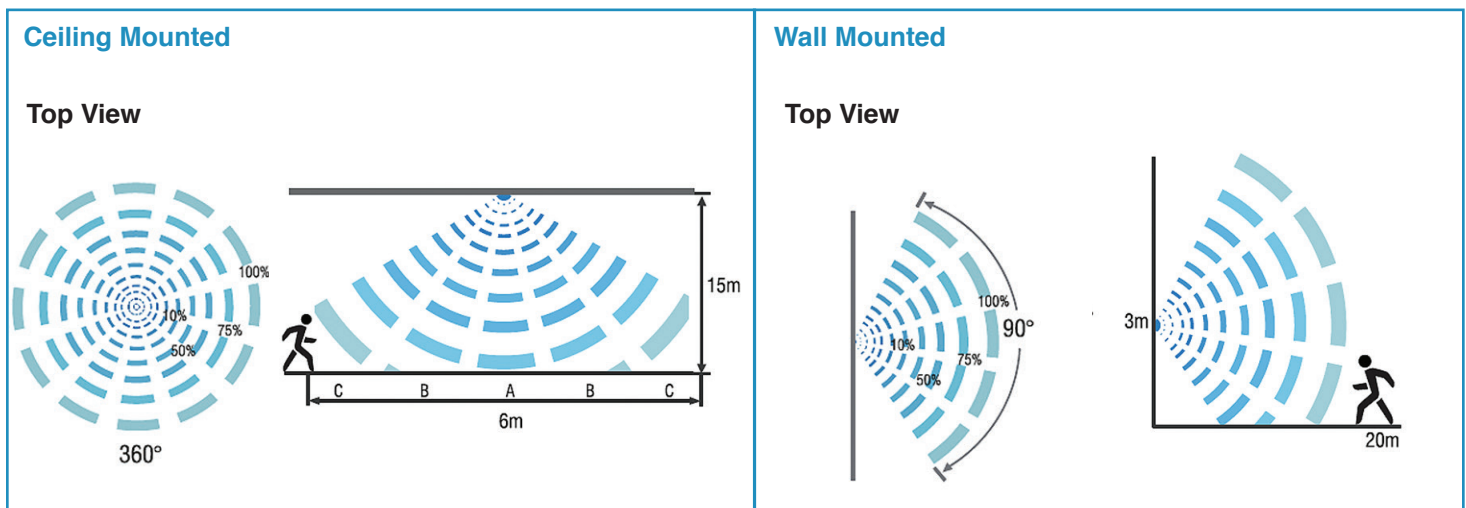
NOTE: Above detection coverage is recommended actual coverage may vary depending on luminaire configuration and environmental conditions

2. Operation

The LVTH4CL/WR requires 2AAA batteries for operation. To set parameters of the Motion/Photo Microwave sensor, the wireless remote control must be within 15 feet (4.5 meters). The LVTH4CL/WR can be used to directly control the Microwave Motion/Photo sensor that sensing the presence and movements of the occupants without requiring unobstructed line-of-sight. The Microwave Motion/Photo Sensor is integral to the Linear LED High Performance Vaportights with a "MC" designation in the product code.

Function Demo - Dimmable control/ Corridor function

When motion detected, but sufficient daylight.Light remains OFF.

When motion detected, insufficient daylight.Light ON.

After last detection, the light will be dimmed down to the stand-by dimming level(10%,30%,50%).

After the stand-by period, Light OFF.

Motion/Photo Control cont.

3. Remote Control

ON/ OFF

ON/OFF function
Press the "ON/OFF" button, the light keeps permanently on or off.
* Press "Auto Mode", "RESET" or "Scene mode" buttons to quit from this mode

Auto Mode

Auto Mode
Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

Reset

Reset Function
Press "RESET" button, products with DIP switch will take DIP switch; otherwise all the setting will be initial, which is 100% detection range,hold time 5S, no stand-by time and daylight threshold disabled.

Test (2s)

Test mode
The button "Test (2s)" is for testing purpose after commissioning.Pressing this button, the sensor goes to test mode(hold time is only 2s) auto-matically, stand-by period and daylight sensor are disabled. This mode can be ended by pressing "reset","Auto mode", "scene mode" or "hold time". The sensor setting is changed accordingly.

Scene Mode
There are 4 scene modes fixed program built-in the remote control to choose for different applications:

Scene Selection	Detection Range	Hold Time	Stand-By Time	Stand-By Dimming Level	Daylight Sensor Value
SC1	100%	30s	60s	10%	2Lux (0.2 fc)
SC2	100%	5 min	10 min	10%	l0Lux (1 fc)
SC3	100%	10 min	30 min	10%	50Lux (5 fc)
SC4	100%	30 min	+oo.	10%	Disable

Default Factory Settings are in Bold:

Detection Range
Press the buttons of "detection range" to set detection range at **100%** / 75% / 50% /20%.

Hold Time
Press the buttons of "hold-time " to set hold-time at **5s** / 30s / 1min / 3min / 5min / 10min / 20min/ 30min.

Stand-By Period (Corridor Function)
Press the buttons of "stand-by period" to set stand-by period at 0s / 10s / 30s / 1min / 5min / l0min / 30min / +oo.
Note: "0s" means on/off control; " +oo" means bi-level dimming control.

Stand-By Dimming Level
Press the buttons of "stand-by dimming level" to set the stand-by dimming level at 10% / 20% / 30% / 50%.

Daylight Sensor Value
Press the buttons of "daylight sensor" to set daylight threshold at 2Lux / l0Lux / 30Lux / 50Lux/ 80Lux / 120Lux / disable.

*10 LUX = 1 footcandle (fc)