

R7 with EMD-sensor DALI - webref. SC022A10

## EMD MULTIDETECTION

### COMPREHENSIVE LIGHT CONTROL

ETAP's EMD sensors combine several sensors in a single compact housing.

The analogue version features a motion detector and light sensor and dims the lighting 25% when no one is present. Dimming depending on daylight can be switched on or off. By adding the Switchbox to the analogue sensor, the EMD is able to dim the lighting even more and subsequently also switch it off to maximise energy-efficiency.

The DALI version of the EMD also features an IR receiver in addition to the motion detector and light sensor, which allows you to remotely control your lighting.

	Movement dependent control	Daylight dependent control	Push-button control	IR remote control	Switching	Dimming	Scenes
EMD analogue	X	X				25%	
EMD analogue + Switchbox	X	X	X		230V	1%	
EMD DALI + Controller	X	X	X	X	DALI	1%	4

### ENERGY SAVINGS

EMD minimises the luminaire's power consumption. Thanks to the automatic control depending on daylight and presence, unnecessary energy consumption is avoided. Parasitic energy consumption, which is the consumption of the sensor itself, is minimised: the analogue sensor can be directly supplied by the 1-10V interface of the ballast on the luminaire with the Switchbox the analogue version has its own consumption of only 0.35W. The EMD DALI uses 0.8W.

### FLEXIBILITY AND USER-FRIENDLINESS

With EMD in your luminaires you are prepared for changes in the future. On analogue versions you can configure the sensor to react to the application you need at that time. For example, you can switch on the motion detector or both the motion detector and the light sensor. The sensitivity of the light sensor and the delayed switch-off of the motion sensor can also be infinitely adjusted to suit your needs.

With EMD DALI it is even easier: by means of a specific remote control you can choose several preset operating modes. For example, with the press of a button you can switch from "individual office" mode to "open-plan office" mode. Obviously here too, you can configure your daylight control to suit your needs. In addition, the EMD DALI version allows to control several groups of luminaires with a single sensor and to dim the window side and inside of a room differently depending on daylight.

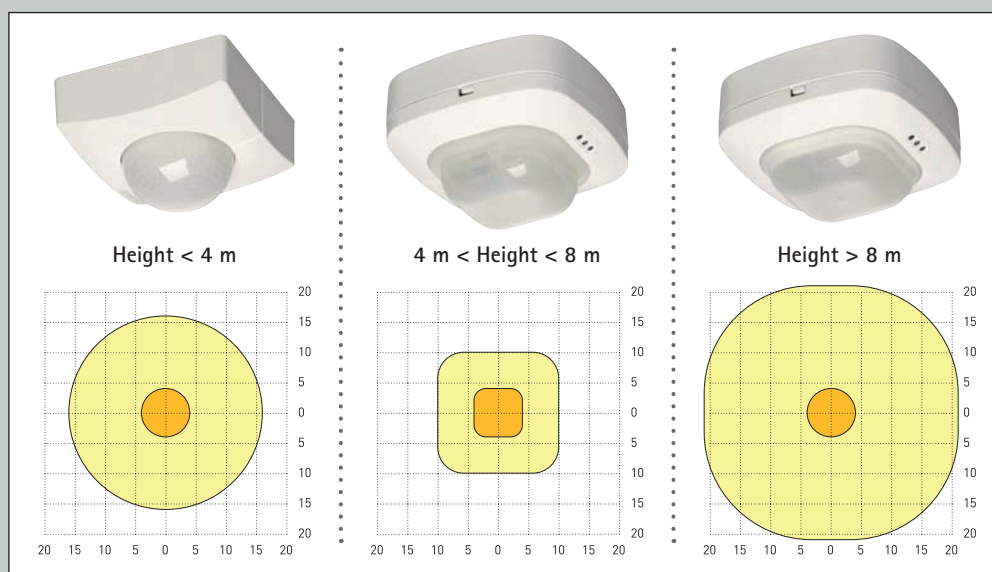
### ORDER

Ask your ETAP advisor to develop the best solution for your specific needs.  
The sensor can be built into the luminaire housing on request.

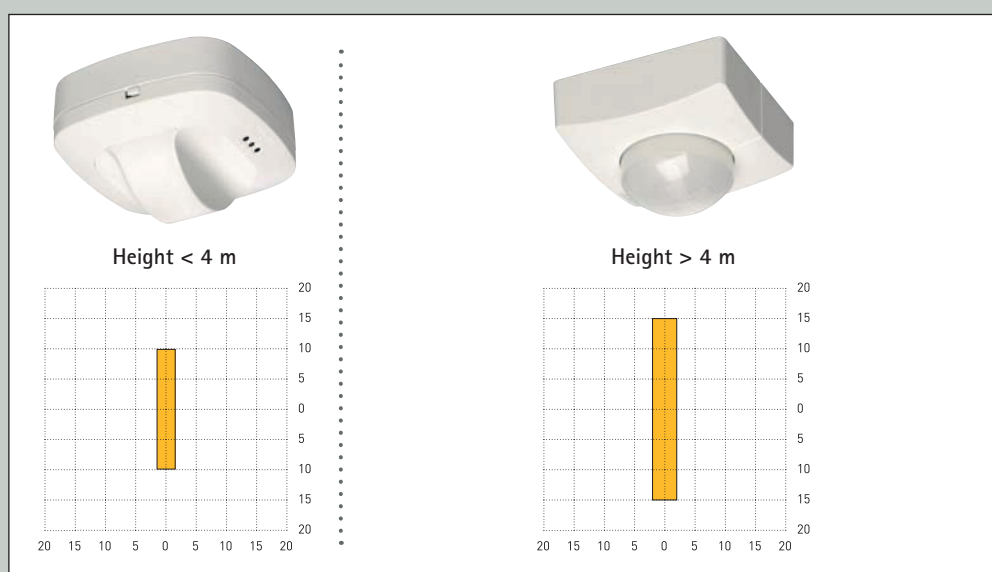


webref. SC038A4

## OPEN SPACES



## CORRIDORS



to the sensor  
along the sensor