

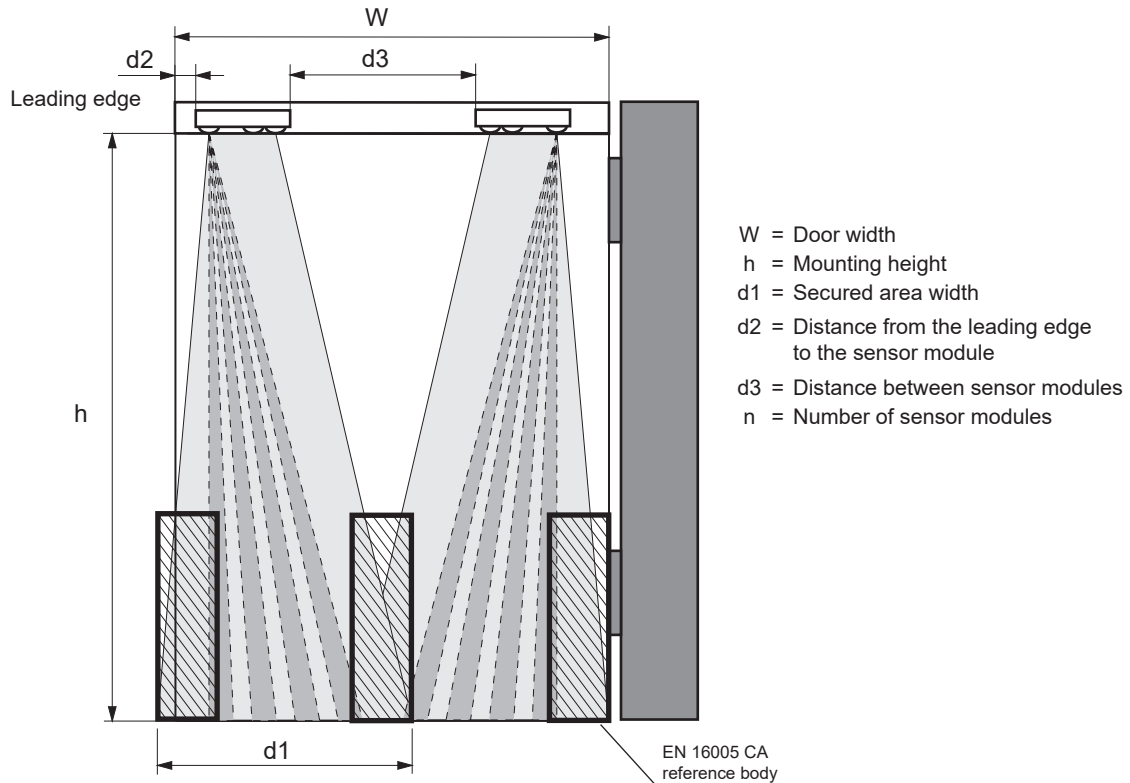
Detection area at 2200mm (7' 2 5/8") : Depth 140 (5 1/2") x Width 870 (2'10")

Test conditions required by EN 16005 Detection object : EN 16005 CA reference body

Emitting area at 2200mm (7' 2 5/8") : Depth 140 (5 1/2") X Width 440 (1' 5 1/2")

NOTE The actual detection area may become smaller depending on the ambient light, the color / material of the object or the floor as well as the entry speed of the object.

Recommended installation position



W			900 (2'12")	1100 (3'7")	1200 (3'11")			
h	d1	d2	n	d3	n	d3	n	d3
1900 (6'3")	760 (2'6")	70 (2 3/4")	2	175 (6 7/8")	2	375 (14 3/4")	2	475 (18 5/8")
2000 (6'7")	790 (2'7")	70 (2 3/4")	2	160 (6 3/8")	2	360 (14 2/8")	2	460 (18 1/8")
2100 (6'11")	825 (2'8")	70 (2 3/4")	2	145 (5 6/8")	2	345 (13 5/8")	2	445 (17 1/2")
2200 (7'3")	870 (2'10")	70 (2 3/4")	2	120 (4 3/4")	2	320 (12 5/8")	2	420 (16 4/8")
2300 (7'7")	895 (2'11")	70 (2 3/4")	2	115 (4 1/2")	2	315 (12 3/8")	2	415 (16 2/8")
2400 (7'10")	920 (3')	70 (2 3/4")	2	110 (4 3/8")	2	310 (12 2/8")	2	410 (16 1/8")
2500 (8'2")	950 (3'1")	70 (2 3/4")	2	100 (3 7/8")	2	300 (11 6/8")	2	400 (15 3/4")
3000 (9'10")	1140 (3'8")	70 (2 3/4")	2	30 (1 1/8")	2	230 (9")	2	330 (13')

unit : mm (inch)

NOTE Decrease the area depth angle, increase the non detection zone or move the sensor module (see d2 in the chart) away from the leading edge to optimize the sensor performance.
 For installation height <1900mm the installation of an extra module will be mandatory in order to comply with the regulations.

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|------------------------|---|-----------------------|------------------------------|
| Model | : OA-EDGE T | Noise level | : < 70dBA |
| Profile color | : Silver / Black | Output hold time | : Approx. 0.5sec. |
| Mounting height | : 1.5 (4'11") to 3.0m (9'10") | Response time | : < 75msec. |
| Detection area | : See DETECTION AREA | Operating temperature | : -20 to +55°C (-4 to 131°F) |
| Detection method | : Triangulation | Operating humidity | : < 80% |
| Min. configuration | : 1 master module +1 LED module | IP rate | : IP54 |
| Max. configuration | : 4 sensor modules +2 LED modules | Category | : 2 (EN ISO13849-1:2015) |
| Depth angle adjustment | : 0° to +25° | Performance level | : d (EN ISO13849-1:2015) |
| Power supply * | : 12 to 24VAC ±10% (50 / 60Hz)
12 to 30VDC ±10% | ESPE | : Type 2 |
| Power consumption | : < 1.3W (< 2VA at AC) at Min. configuration
< 3.5W (< 4.5VA at AC) at Max. configuration | | |
| LED indicator | : See chart below | | |
| Test input | : Opto coupler 10 to 30VDC
Current / 6mA Max. | | |
| Safety / Test output 1 | : Form C relay | | |
| Safety / Test output 2 | : Voltage / 42VDC
Current / 0.3A Max (Resistance load)
Output : see INSTALLATION
chapter 3. Wiring | | |

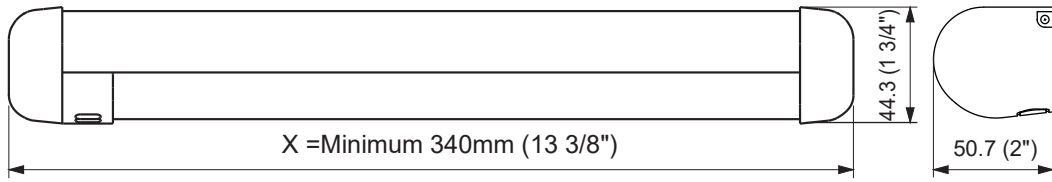
* : The sensor has to be connected to a door system is equipped with a SELV circuit. The overcurrent protection of power supply cable has to be less than 2A.

EN16005 Install the sensor at 1.8m (5'11") to 3.0m (9'10").

LED indicator

Status	Sensor module indicator	LED module indicator
Stand-by	Solid Green	The color depends on the state of the output.
Opening side detection (output 1)	Solid Red	Safety / Test output 1 OFF : Solid Green
Closing side detection (output 2)	Solid Orange	ON : Solid Red
Incomplete Initialization	Red & Green blinking	Safety / Test output 2 OFF : Solid Green
Learning	Blinking Yellow	ON : Solid Orange
Incomplete learning	Yellow & Red blinking	
Saturation	Slow Red blinking	
Sensor failure	Fast Red blinking	
Communication error	Twice Orange blinking	

NOTE The specifications herein are subject to change without prior notice due to improvements.



unit : mm (inch)