

Emitting area

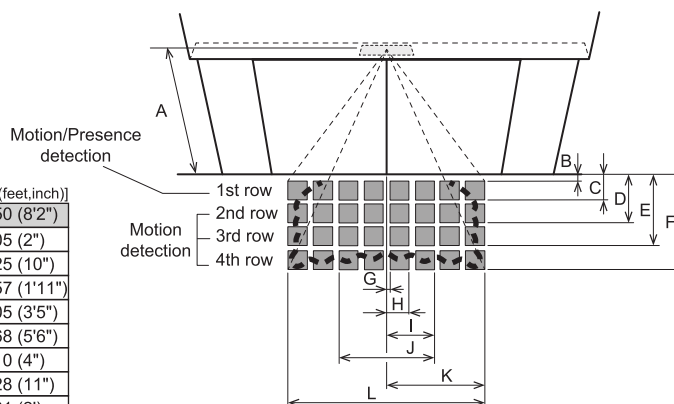
Depth angle : 0°

	[m(feet,inch)]		
A	2.00 (6'7")	2.20 (7'3")	2.50 (8'2")
B	0.04 (2")	0.05 (2")	0.05 (2")
C	0.20 (8")	0.22 (9")	0.25 (10")
D	0.46 (1'6")	0.50 (1'8")	0.57 (1'11")
E	0.84 (2'9")	0.92 (3')	1.05 (3'5")
F	1.34 (4'5")	1.48 (4'10")	1.68 (5'6")
G	0.08 (3")	0.08 (3")	0.10 (4")
H	0.22 (9")	0.25 (10")	0.28 (11")
I	0.49 (1'7")	0.54 (1'9")	0.61 (2')
J	0.98 (3'3")	1.08 (3'6")	1.23 (4')
K	1.02 (3'4")	1.12 (3'8")	1.27 (4'2")
L	2.03 (6'8")	2.24 (7'4")	2.54 (8'4")

Detection area

To comply with EN 16005, make sure that the detection area is within the values of the chart below.

	[m(feet,inch)]		
A	2.00 (6'7")	2.20 (7'3")	2.50 (8'2")
D	0.43 (1'5")	0.43 (1'5")	0.56 (1'10")
J	0.97 (3'2")	1.04 (3'5")	1.12 (3'8")
L	2.06 (6'9")	2.23 (7'4")	2.26 (7'5")



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. The sensor may not be activated when the entering speed of the object or a person is slower than 50 mm/s or faster than 1500 mm/s.

Test conditions required by EN 16005

Floor : Grey paper

Detection object : EN 16005 CA reference body

Sensitivity : Middle

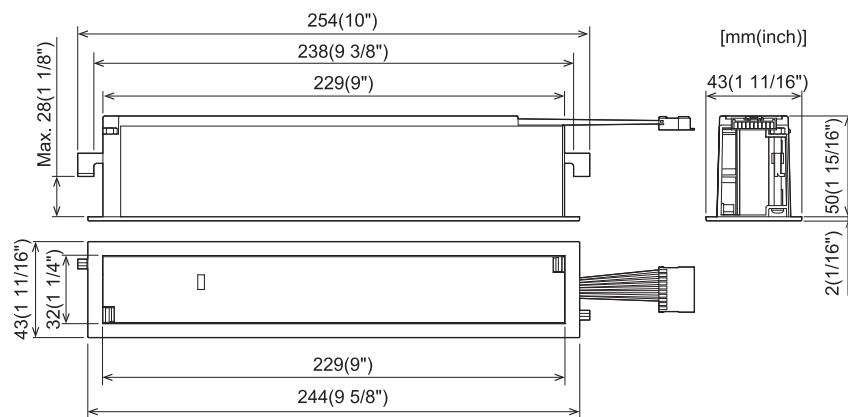
Speed of detection object : 50 mm/s

Model	: MIRAGE T	Noise level	: < 70 dBA
Color	: Black	Activation output	: Form A relay 50 V 0.3 A Max. (Resistance load)
Mounting height	: 2.0 to 3.0 m(6'7" to 9'10") (2.0 to 2.5 m(6'7" to 8'2") for EN16005 compliance)	Safety output	: Form A relay 50 V 0.3 A Max.
Detection area	: See Detection area	Test input	: Opto coupler Voltage 5 to 30VDC
Detection method	: Active infrared reflection		Current 6 mA Max.(30 VDC)
Depth angle adjustment	: -6 to +2°	IP rate	: IP54
Power supply (*1)	: 12 to 24 VAC±10 %(50/60 Hz) 12 to 30 VDC±10 %	Category	: 2(EN ISO 13849-1:2015)
Power consumption	: < 1.5 W (< 2.5 VA at AC)	Performance level	: d(EN ISO 13849-1:2015)
Operation indicator	: See Operation indicator	ESPE	: Type 2
Output hold time	: Approx. 500 ms	Weight	: 210 g(7.4 oz)
Response time	: < 300 ms	Accessories	: 1 Cable 3 m (9'10") (*2)
Operating temperature	: -20 to +55°C (-4 to 131°F)		1 Operation manual
Operating humidity	: < 80 % (non-condensing)		1 Area adjustment tool
			1 Adjustment frame
			1 Dust proof sticker

NOTE

*1 : The sensor has to be connected to a door system which has a SELV circuit.

*2 : Overcurrent protection with less than 2 A.



Adjustment frame

