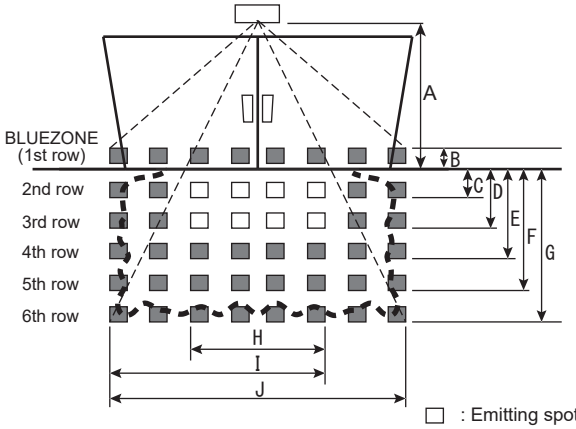
Sliding door



Emitting area [feet,inch (m)]

A	6'7" (2.00)	7'1" (2.15)	7'7" (2.30)	8'2" (2.50)	9'10" (3.00)
B	7" (0.17)	7" (0.18)	8" (0.20)	8" (0.21)	10" (0.26)
C	10" (0.26)	11" (0.28)	1' (0.30)	1'1" (0.33)	1'4" (0.39)
D	1'9" (0.53)	1'10" (0.57)	2' (0.61)	2'2" (0.66)	2'7" (0.79)
E	2'8" (0.80)	2'10" (0.86)	3' (0.92)	3'3" (1.00)	3'11" (1.20)
F	3'9" (1.14)	4' (1.23)	4'4" (1.32)	4'8" (1.43)	5'8" (1.72)
G	5' (1.53)	5'5" (1.64)	5'9" (1.76)	6'3" (1.91)	7'6" (2.29)
H	3'2" (0.96)	3'5" (1.03)	3'7" (1.10)	3'11" (1.20)	4'9" (1.44)
I	5'1" (1.55)	5'5" (1.66)	5'10" (1.78)	6'4" (1.93)	7'7" (2.32)
J	7' (2.13)	7'6" (2.29)	8' (2.45)	8'9" (2.66)	10'6" (3.20)

Charts show the values in the following
Depth angle adjustment setting : 0°
Width angle adjustment setting : 0°

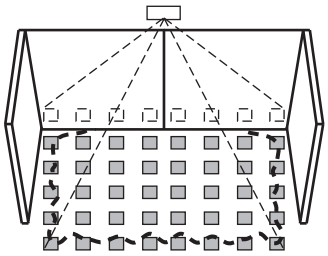
4th to 6th rows : Motion detection
1st to 3th rows : Motion / Presence detection

: Emitting spots
: Emitting spots (can be eliminated)
: Detection Area

NOTE The actual detection area may be different 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 2"(50mm) / sec. or faster than 4'11"(1500mm) / sec.

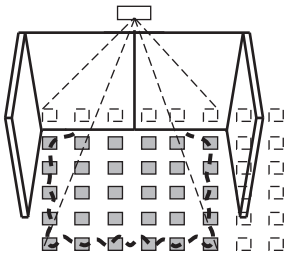
Swing door

Double swing door(Large)
Width angle:0deg



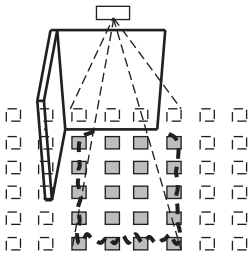
: Active
: Inactive
: Detection Area

Double swing door(Middle)
Width angle:7deg



: Active
: Inactive
: Detection Area

Single swing door(Small)
Width angle:3.5deg



: Active
: Inactive
: Detection Area

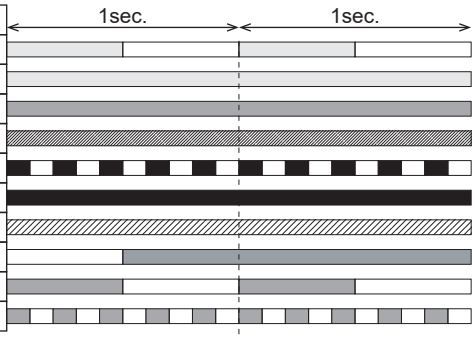
NOTE When using for swing door, set the detection area and dipswitches as below.
- Set the detection area slightly narrower than the door width not to detect door itself.
- Set dipswitch 12 to "All rows" to comply with ANSI standard.
- Set dipswitch 15 to "OFF" not to detect door itself.

Model	: OA-FLEX T#
Cover color	: Black
Mounting height	: 6'7"(2.0m) to 9'10"(3.0m)
Detection area	: See **Detection area**
Detection method	: Active infrared reflection
Depth angle adjustment	: -8° to +8°
Width angle adjustment	: ±7° (2 clicks with 3.5°every click-Left / Right)
Power supply	: 12 to 24VAC ±10% (50 / 60Hz) 12 to 30VDC ±10%
Power consumption	: < 2.0W (< 5VA at AC)
Operation indicator	: See **Operation indicator table**
Test intput	: Opto coupler Voltage / 5 to 30VDC Current / 6mA Max. (30VDC)
Activation output	: Form A relay 50V 0.3A Max. (Resistance load)
Safety output	: Form A relay 50V 0.3A Max. (Resistance load)

Output hold time	: Approx. 1.0sec.
Response time	: < 0.3sec.
Operating temperature	: -31 to 131°F (-35 to +55°C)
Operating humidity	: < 80%
IP rate	: IP54
Weight	: 7.8oz (220g)
Accessories	: 1 Operation manual 2 Mounting screws 1 Mounting template 1 Area adjustment tool 1 Cable 9'10"(3m) (8 × 0.22mm² AWG24)

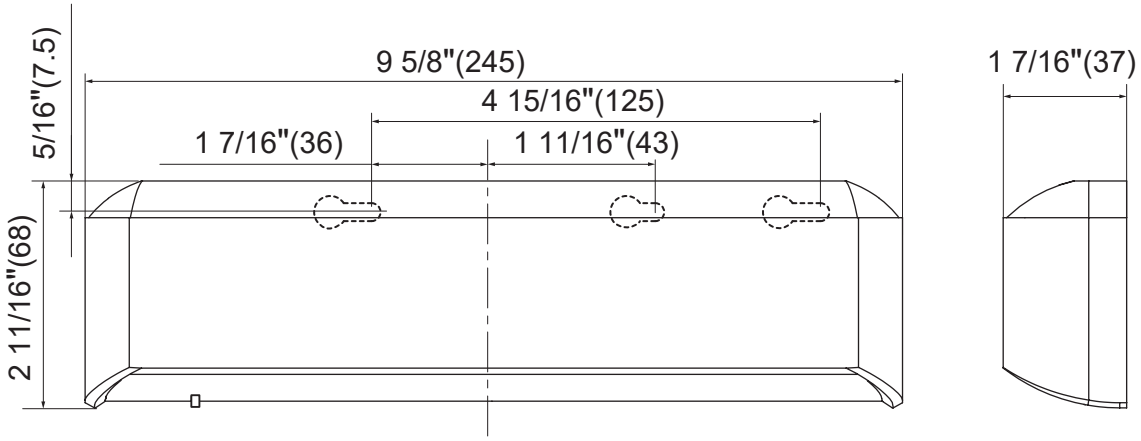
Operation indicator table

Status	Operation indicator color
Set-up	Yellow blinking
Stand-by (Installation mode)	Yellow
Stand-by (Operation mode)	Green
BLUEZONE (1st row) detection (*1)	Blue
2nd row detection	Red blinking
3rd row detection	Red
4th-6th row detection	Orange
Communication Test output	Turn off 500ms (*2)
Signal saturation	Slow Green blinking
Sensor failure	Fast Green blinking



NOTE The specifications herein are subject to change without prior notice due to improvements.
*1 : See **BLUEZONE area**
*2 : LED will be turned off about 500ms when the sensor Test output signal works well.

OUTER DIMENSIONS



[inch (mm)]