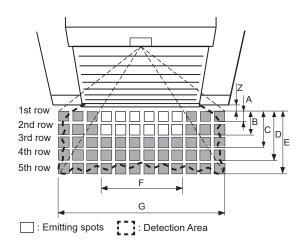
## **DETECTION AREA**



	[mm(feet,inch)]				
Mounting	2,500	3,000	3,500	4,000	4,500
Height	(8'2")	(9'10")	(11'6")	(13'2")	(14'9")
Α	160	200	230	260	290
	(6")	(8")	(9")	(10")	(11")
В	480	580	670	760	850
	(1'7")	(1'11")	(2'2")	(2'6")	(2'9")
C	930	1,100	1,300	1,480	1,660
	(3'6")	(3'7")	(4'3")	(4'11")	(5'5")
D	1,540	1,850	2,160	2,460	2,760
	(5'1")	(6'1")	(7'1")	(8'1")	(9'1")
Е	2,170	2,600	3,030	3,460	3,890
	(7'1")	(8'6")	(9'11")	(11'4")	(12'9")
F	1,510	1,810	2,110	2,400	2,700
	(4'11")	(5'11")	(6'11")	(7'11")	(8'10")
G	3,150	3,790	4,420	5,050	5,680
	(10'4")	(12'5")	(14'6")	(16'7")	(18'8")
Z	250	300	350	400	450
	(10")	(12")	(1'2")	(1'4")	(1'6")

: Emitting spots (Can be eliminated)

Values of the chart are based on the

1st to 3rd rows: +6° following depth angle adjustment settings; 4th and 5th rows: +44°

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 50mm / sec. or faster than 1500mm / sec.





Model : OA-4500S(E) Activation output : When 3rd, 4th or 5th row detects.

Color : Black N.C. / N.O. selectable

Mounting height : 2.5m(8'2") to 4.5m(14'9) 50V 0.3A MAX.(Resistance load)

Detection area : See **DETECTION AREA** Safety output : When 1st or 2nd row detects.

Detection method : Active infrared reflection method 
N.C. / N.O. selectable

(All presence detection) 50V 0.3A MAX.(Resistance load)

Depth adjustment : 1st to 3rd rows: -6° to +6° Output hold time : Approx. 0.5sec.

4th and 5th rows:  $+26^{\circ}$  to  $+44^{\circ}$  Response time : < 0.3sec.

Power supply : 12 to 24VAC ±10% (50/60Hz) Operation temperature : -20°C to +55°C(-4°F to 131°F)

12 to 30VDC  $\pm 10\%$  Operating humidity : < 80%

Power consumption: < 2.5W (< 4VA at AC)

IP rate
: IP54

Operation indicator: Green / Standally
Weight : 320g(11.3c)

Operation indicator : Green / Stand-by Weight : 320g(11.3oz)

Red / 1st row detection Accessories : 1 Cable 4m(13'2")
Orange / 2nd to 5th rows detects 2 Mounting screws

2 Mounting screws1 Mounting template1 Operation manual1 Area adjustment tool

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

[mm(inch)]

## 267(10 1/2") 125(4 15/16") 43(1 11/16") 45(1 3/4")