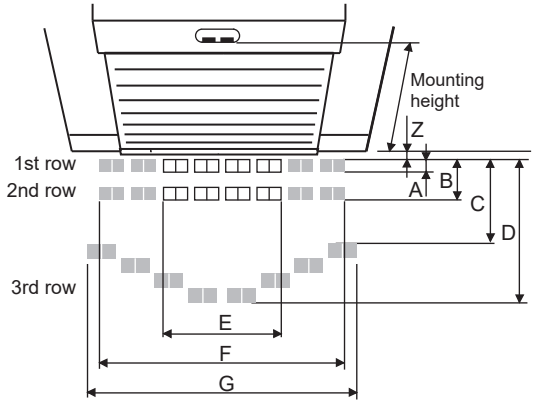
[Standard window]



□ : Emitting spots

■ : Emitting spots (Can be eliminated)

[feet,inch(mm)]

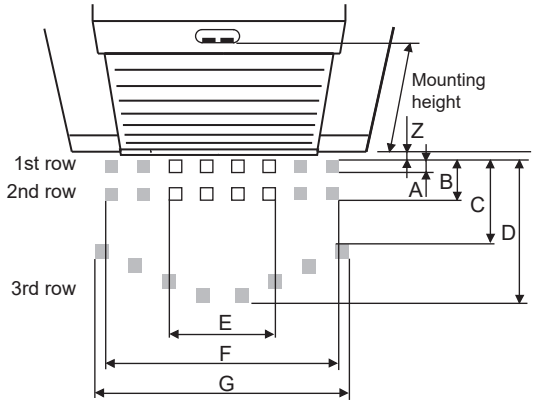
Window	Standard window			High mount window	
Mounting height	8'2" (2,500)	11'6" (3,500)	14'9" (4,500)	18'1" (5,500)	21'4" (6,500)
A	6" (150)	8" (210)	11" (280)	1'1" (340)	1'4" (400)
B	1'10" (560)	2'7" (790)	3'4" (1010)	4'1" (1240)	4'10" (1470)
C	2'3" (680)	3'2" (960)	4'1" (1240)	4'11" (1510)	5'11" (1790)
D	4'5" (1340)	6'2" (1870)	7'11" (2410)	9'8" (2940)	11'5" (3480)
E	5'1" (1530)	7'1" (2150)	9'1" (2760)	9'2" (2790)	10'10" (3300)
F	11'11" (3640)	16'9" (5100)	21'7" (6560)	23'9" (7230)	28'1" (8550)
G	12'7" (3840)	17'8" (5380)	22'8" (6910)	25' (7620)	29'7" (9010)
Z	6" (150)	9" (220)	11" (280)	1'1" (340)	1'4" (410)

Values of the chart are based on the following depth angle adjustment settings;

1st and 2nd rows : +5°

3rd row : +30°

[High mount window]



□ : Emitting spots

■ : Emitting spots (Can be eliminated)

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.

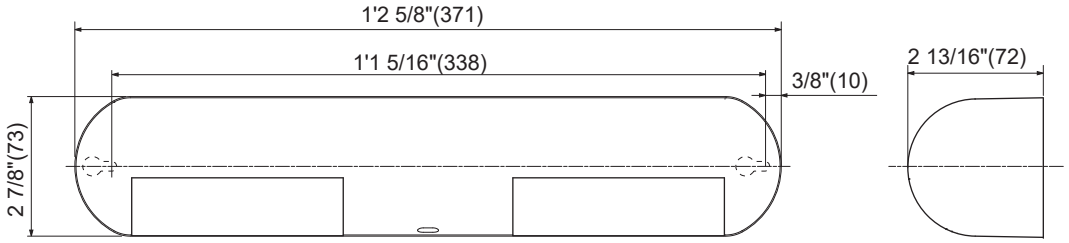
Model	: OA-6500S T
Color	: Black
Mounting height	: 8'2" (2.5m) to 21'4" (6.5m)
Detection area	: See **Detection area**
Detection method	: Active infrared reflection method (All presence detection)
Depth adjustment	: 1st and 2nd rows: -15° to +5° 3rd row: +30° to +50°
Power supply	: 12 to 24VAC ±10% (50 / 60Hz) 12 to 30VDC ±10%
Power consumption	: < 2.5W (< 3.5VA at AC)
Operation indicator	: Green / Stand-by Red / 1st row detection Orange / 2nd and 3rd rows detection

Activation output	: 3rd row detection N.C. / N.O. selectable 50V 0.3A MAX.(Resistance load)
Test input	: Opto coupler Voltage 5 to 30VDC Current 6mA Max. (30VDC)
Safety output	: 1st or 2nd row detection N.C. / N.O. selectable 50V 0.3A MAX.(Resistance load)
Output hold time	: Approx. 0.5sec.
Response time	: < 0.3sec.
Operation temperature	: -4°F to 131°F(-20°C to +55°C)
Operating humidity	: < 80%
IP rate	: IP44
Weight	: 21.2 oz (600g)
Accessories	: 1 Cable 25' (7.62m) 2 Mounting screws 1 Mounting template 1 Operation manual 1 High mount window 1 Protection sticker

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

NOTE LED will be turned off about 500ms when the sensor Test output signal works well.

OUTER DIMENSIONS



[inch(mm)]