







High Bay Occupancy Sensors and Controllers

LightOWL™ High Bay Occupancy Sensor Lens Selection Guide

Lens Selection Guide

Lens	Lens-15 Low Black	Lens-10 Medium Charcoal	Lens-07 High Clear	Lens-0806 Wide Light Gray
Lens Color* Photo				
Application	Wide, long beam for aisles with low mounting heights up to 28'.	Wide medium beam for aisles with mounting heights from 22' to 36'.	Narrow, short beam for aisles with mounting heights from 32' to 50'.	Rectangular beam for open areas up to 36' mounting height

Beam Coverage Pattern at Floor (Sensor centered in pattern)

Length Multiplier	3.00	2.00	1.40	1.60
Width Multiplier	0.46	0.46	0.32	1.20
Mounting Height	L x W	L x W	L x W	L x W
12'	36'0" x 5'6"	24'0" x 5'6"	16'10" x 3'10"	19'2" x 14'5"
14'	42'0" x 6'5"	28'0" x 6'5"	19'7" x 4'6"	22'5" x 16'10"
16'	48'0" x 7'4"	32'0" x 7'4"	22'5" x 5'1"	25'7" x 19'2"
18'	54'0" x 8'3"	36'0" x 8'3"	25'2" x 5'9"	28'10" x 21'7"
20'	60'0" x 9'2"	40'0" x 9'2"	28'0" x 6'5"	32'0" x 24'0"
22'	66'0" x 10'1"	44'0" x 10'1"	30'10" x 7'0"	35'2" x 26'5"
24'	72'0" x 11'0"	48'0" x 11'0"	33'7" x 7'8"	38'5" x 28'10"
26'	78'0" x 12'0"	52'0" x 12'0"	36'5" x 8'4"	41'7" x 31'2"
28'	84'0" x 12'11"	56'0" x 12'11"	39'2" x 9'0"	44'10" x 33'7"
30'	90'0" x 13'10"	60'0" x 13'10"	42'0" x 9'7"	48'0" x 36'0"
32'	96'0" x 14'9"	64'0" x 14'9"	44'10" x 10'3"	51'2" x 38'5"
34'	102'0" x 15'8"	68'0" x 15'8"	47'7" x 10'11"	54'5" x 40'10"
36'	108'0" x 16'7"	72'0" x 16'7"	50'5" x 11'6"	57'7" x 43'2"
38'	114'0" x 17'6"	76'0" x 17'6"	53'2" x 12'2"	
40'	120'0" x 18'5"	80'0" x 18'5"	56'0" x 12'10"	
42'	126'0" x 19'4"	84'0" x 19'4"	58'10" x 13'5"	
44'	132'0" x 20'3"	88'0" x 20'3"	61'7" x 14'1"	
46'	138'0" x 21'2"	92'0" x 21'2"	64'5" x 14'9"	
48'	144'0" x 22'1"	96'0" x 22'1"	67'2" x 15'4"	
50'	150'0" x 23'0"	100'0" x 23'0"	70'0" x 16'0"	

* Lens color is for identification purposes only and does not affect passive infrared beam

HOW TO ORDER

Catalog Number	Description	Color	Coverage
LOLENS15	Lens 15, Aisle Lens, 1.5 x .23	Black	1.5 x .23
LOLENS10	Lens 10, Aisle Lens, 1.0 x .23	Charcoal	1.0 x .23
LOLENS07	Lens 07, Aisle Lens, .70 x .16	Clear	.70 x .16
LOLENS0806	Lens 0806, Aisle Lens, .80 x .60	Light Gray	.80 x .60