

# I6S-L UNDER CANOPY AND GARAGE LIGHT

The I6S-L is an efficient under canopy and garage light. Its rugged construction easily installs on junction boxes and is available in 2 lumen packages. High quality thermal heat sinks dissipate the LED heat and insure reliable long life. This luminaire is a great addition to any commercial or industrial application.



## FEATURES AND SPECIFICATIONS

### CONSTRUCTION

#### Housing

Made in an aluminum die cast housing with high quality thermal heat sinks to dissipate LED heat and insure reliable long life. A1 package come with four ½" side conduit entries and the A2 package comes with three entries.

#### Mounting options

Easily installs to junction boxes, can be mounted directly to the ceiling and also via pendant mount. Comes with three entries.

#### Lens

Outfitted with a polycarbonate impact resistant frosted lens for even light distribution and uniformity.








### ELECTRICAL

- Internal electrical components are fastened to the die cast housing for efficient heat dissipation. LED driver is rated for 120-347 V, 50/60 Hz and is 0-10 V dimmable

- Available in 4 000 K color temperature with a lumen per watt ratio ranging from 124 to 131 lm/W depending on the lumen package being used
- Ambient operating temperature range from -40°C to +40°C With OS1: -35°C to +40°C
- 2 KV surge protection included
- Replaces up to a 175 W metal halide equivalent

### COMPLIANCES

- IP65
- cULus listed for wet location

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	124 - 131
WATTS [W]	40, 60	COLOR TEMPERATURE [K]	4 000
LUMEN OUTPUT [LM]	4 882 - 7 662	WEIGHT [LBS]	24 - 27
<div>   LED            WET LOCATION            DIMMABLE            65 IP RATING             </div>			

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).

## ORDERING GUIDE

I6S	L					
SERIES	LAMP TYPE	LED SELECTION	VOLTAGE [V]	COLOR TEMP. [K]	CASTING COLOR	OPTIONS
I6S	L - LED	A1 - 40	32 - 120-347	40K - 4 000	BZ - Bronze (standard) BK - Black SP - Special color	P127 - 120-277 V button type photocell OSI - Microwave sensor
		A2 - 60	32 - 120-347			

## ACCESSORIES

PART NUMBER	DESCRIPTION
PH0008	347 V BUTTON TYPE PHOTOCELL

## ON-OFF SENSORS

Part number	Position	Volts [V]	Technology	Height	Detection Area	Hold time	Daylight min level	Remote <sup>2</sup>	Location
OSI-FO-0601	Internal	120-347	High Frequency	25ft max	100%	30 min	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FO-0602	Internal	120-347	High Frequency	25ft max	100%	15 min	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C

## BI-LEVEL SENSORS

Part number	Position	Volts [V]	Technology	Height	Detection Area	Hold time	Stand-by Dim level	Daylight min level	Remote <sup>2</sup>	Location
OSI-FB-0601	Internal	120-347	High Frequency	25ft max	100%	30 min	30%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FB-0602	Internal	120-347	High Frequency	25ft max	100%	30 min	10%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FB-0603	Internal	120-347	High Frequency	25ft max	100%	15 min	40%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FB-0604	Internal	120-347	High Frequency	25ft max	100%	30 min	40%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FB-0605	Internal	120-347	High Frequency	25ft max	100%	15 min	30%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FB-0606	Internal	120-347	High Frequency	25ft max	100%	15 min	10%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C
OSI-FB-0607	Internal	120-347	High Frequency	25ft max	100%	10 min	20%	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C

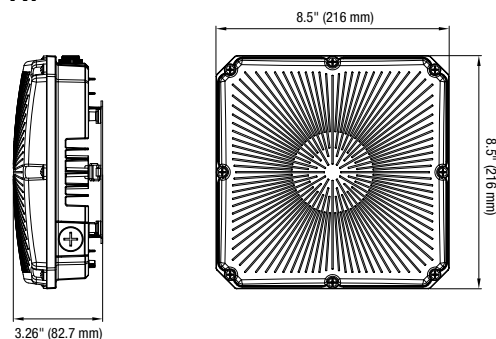
## TRI-LEVEL SENSORS

Part number	Position	Volts [V]	Technology	Height	Detection Area	Hold time	Stand-by Dim level	Stand-by period	Daylight min level	Remote <sup>2</sup>	Location
OSI-FT-0601	Internal	120-347	High Frequency	25ft max	100%	30 min	30%	10 min	Disable	OSI-RC-MH02	Dry and wet, -35°C to 70°C

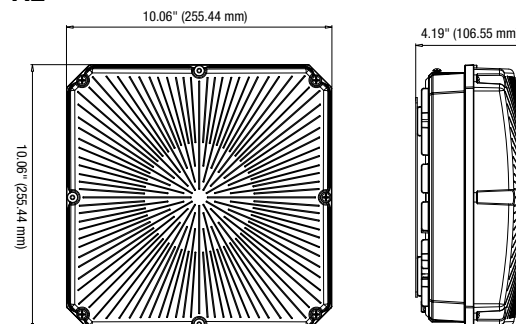
<sup>2</sup> To be ordered separately

## DIMENSIONS

A1



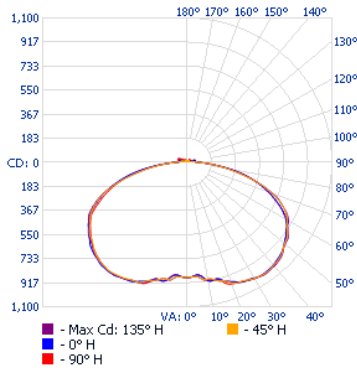
A2



## PHOTOMETRIC DATA<sup>1</sup>

I6S-LA1-32/40K-BZ • 4 811.6 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	LAMP
0-30	811.3	16.9%
0-40	1,453.7	30.2%
0-60	3,044.7	63.3%
60-90	1,560.4	32.4%
70-100	861.6	17.9%
90-120	157.3	3.3%
0-90	4,605.1	95.7%

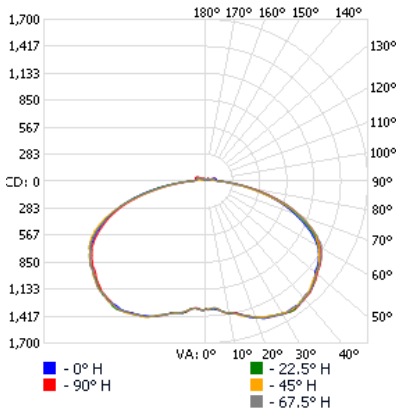
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
17'	3.03 FC	117.2'	114.9'
34'	0.76 FC	234.4'	229.9'
51'	0.34 FC	351.7'	344.8'
68'	0.19 FC	468.9'	459.8'
85'	0.12 FC	586.1'	574.7'
102'	0.08 FC	703.3'	689.6'

Vert. Spread: 147.7° Hor Spread: 147.0°

I6S-LA2-32/40K-BZ • 7 624.7 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	LAMP
0-30	1 266.9	16.6%
0-40	281.9	29.9%
0-60	4 806.0	63%
60-90	2 472.7	32.4%
70-100	1 365.2	17.9%
90-120	269.9	3.5%
0-90	7 278.7	95.5%
90-180	345.8	4.5%
0-180	7 624.4	100%

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
8.3'	19.4 FC	50.1'	62.6'
16.7'	4.80 FC	100.8'	125.9'
25.0'	2.14 FC	150.9'	188.5'
33.3'	1.21 FC	201.0'	251.0'
41.7'	0.77 FC	251.8'	314.3'
50.0'	0.54 FC	301.9'	376.9'

Vert. Spread: 143.3° Hor Spread: 150.3°

<sup>1</sup> Complete IES files available on our website.