

# UCS

## UNDER CANOPY AND GARAGE LIGHT

### 3 POWER SELECTABLE AND 3 CCT SELECTABLE

The UCS is an efficient under canopy and garage light. Equipped with the latest in LED technology, this luminaire allows the user to control the color temperature and power via internal field adjustable switches. Its slim construction easily installs on junction boxes and its high quality thermal heat sinks dissipate the LED heat and insure reliable long life. This series comes with its pre-installed sensor receptacle which makes it a great addition to any commercial or industrial application.



## FEATURES & SPECIFICATIONS

### CONSTRUCTION

#### Physical Characteristics

- This luminaire is made of aluminum die cast and comes in a bronze or white powder coat finish
- Frosted Polycarbonate lens
- Power and CCT switches placed discretely inside the housing
- Integrated sensor receptacle makes for easy plug-and-play installation of motion sensors. No wiring required. Sensors are sold separately, see accessories table.

- Includes three 1/2" side conduit entries, one of which is used for the built-in photocell and another is used for quick access to the CCT and adjustable power switches.

#### Mounting













- 3-in-1 mounting solution (surface, pendant and conduit)

### PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- Operating temperature: -40 °C to 40 °C [-40 °F to 104 °F]

### COMPLIANCES

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- IK10

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	134-146
WATTS [W]	40/60/70	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	5 636-9 745	CRI	80+
<div>         </div> <div>     </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).

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



MODEL NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K] <sup>1</sup>	LUMEN OUTPUT [LM] <sup>2</sup>	EFFI- CIENCY [LM/W]	CRI	LIFE L70 [HRS] <sup>3</sup>	TESTED HOURS LM-80 [HRS] <sup>3</sup>	CALCU- LATED TM21 [HRS] <sup>3</sup>	LED CURRENT [MA]	FINISH	DIMMING [YES/NO]	PF	THD [%]	BUG	TRADITIONAL EQUIVALENT [W] MH    HPS	MASTER CASE QTY
<b>CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL<sup>4</sup></b>																	
<b>UCS-PS70A-32-3CBRP</b>	40/60/70	120-347	3 000/4 000/5 000	5 798/8 378/9 745	141-148	80+	54 000	9 000	180 000	580-590	BRONZE	YES	>0.9	<20%	83-U3-G2	100-175	100-175    4
<b>UCS-PS70A-32-3CWHP</b>	40/60/70	120-347	3 000/4 000/5 000	5 798/8 378/9 745	141-146	80+	54 000	9 000	180 000	580-590	WHITE	YES	>0.9	<20%	83-U3-G2	100-175	100-175    4

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from DLC reported data at 3 000 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>3</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

<sup>4</sup> Integrated photocell that can be easily enabled.

## LUMEN SPECIFICATION TABLE

MODEL NUMBER	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
<b>UCS-PS70A-32-3CBRP</b> <b>UCS-PS70A-32-3CWHP</b>	40	5 636	139	340	5 798	146	330	5 746	142	340
	60	8 037	136	490	8 378	144	490	8 213	138	500
	70	9 455	134	590	9 745	141	580	9 589	137	590

### DEFAULT PROGRAMMING

70 W / 4 000 K

## DLC UNIQUE ID TABLE

MODEL NUMBER	DLC PREMIUM UNIQUE ID <sup>1</sup>
<b>UCS-PS70A-32-3CBRP</b>	S-1WJH7J
<b>UCS-PS70A-32-3CWHP</b>	S-1WJH7J

<sup>1</sup> Primary Use Designation: Parking Garage Luminaires.

## ACCESSORIES (SOLD SEPARATELY)

PART NUMBER	TYPE
OSI-EFS07-AUX <sup>1</sup>	EXTERNAL PIR SENSOR KIT OSI-EFS07-AUX
OSI-EFS06R <sup>1</sup>	EXTERNAL HIGH FREQUENCY SENSOR EFS06R
OSI-RM51	REMOTE CONTROL RM51 FOR MOTION SENSORS

<sup>1</sup> To change the factory setting, purchase remote OSI-RM51 (sold separately).

## OCCUPANCY SENSORS

### BI-LEVEL SENSORS

Detection - On at [Detection Area] % during [Hold Time] min., then [Stand-by Dim level] %

PART NUMBER	POSITION	VOLT [V]	TECH-NOLOGY	HEIGHT [FT]	DETECTION AREA [%]	INITIAL BRIGHTNESS [%]	SENSIVITY [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	REMOTE	LOCATION [°C]
OSI-EFS06R	EXTERNAL	120-347 (12 V DC)	HIGH FREQUENCY	40 (MAX)	100	50, 75, 100	0 (OFF), 50 (LOW), 100 (HIGH)	30S, 5MIN, 15MIN, 30MIN	0, 10, 30, 50	INFINITE	OSI-RM51	DRY AND WET, -30 TO +40
OSI-EFS07-AUX	EXTERNAL	120-347 (12 V DC)	PIR	20-40	100	50, 75, 100	0 (OFF), 50 (LOW), 100 (HIGH)	30S, 5MIN, 15MIN, 30MIN	0, 10, 30, 50	INFINITE	OSI-RM51	DRY AND DAMP, -30 TO +40

Default settings: Brightness: 100%, hold time: 5min, stand-by dim: 50%, stand-by time: 30min, photocell: off, sensitivity: 100%

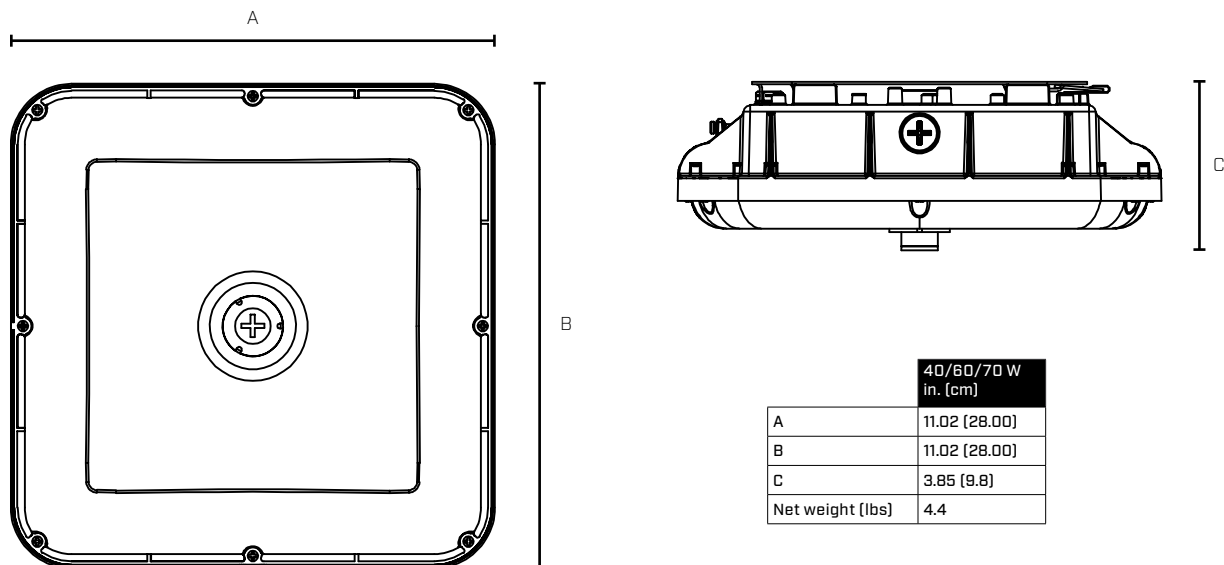
### TRI-LEVEL SENSORS

Detection - ON at [Detection Area] % during [Hold Time] min, them [Stand-by Dim level] % during [Stand-by time] min, then OFF

PART NUMBER	POSITION	VOLT [V]	TECH-NOLOGY	HEIGHT [FT]	DETECTION AREA [%]	INITIAL BRIGHTNESS [%]	SENSIVITY [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	REMOTE	LOCATION [°C]
OSI-EFS06R	EXTERNAL	120-347 (12 V DC)	HIGH FREQUENCY	40 (MAX)	100	50, 75, 100	0 (OFF), 50 (LOW), 100 (HIGH)	30S, 5MIN, 15MIN, 30MIN	0, 10, 30, 50	10S, 5MIN, 15MIN, 30MIN, 60MIN	OSI-RM51	DRY AND WET, -30 TO +40
OSI-EFS07-AUX	EXTERNAL	120-347 (12 V DC)	PIR	20-40	100	50, 75, 100	0 (OFF), 50 (LOW), 100 (HIGH)	30S, 5MIN, 15MIN, 30MIN	0, 10, 30, 50	INFINITE	OSI-RM51	DRY AND DAMP, -30 TO +40

Default settings: Brightness: 100%, hold time: 5min, stand-by dim: 50%, stand-by time: 30min, photocell: off, sensitivity: 100%

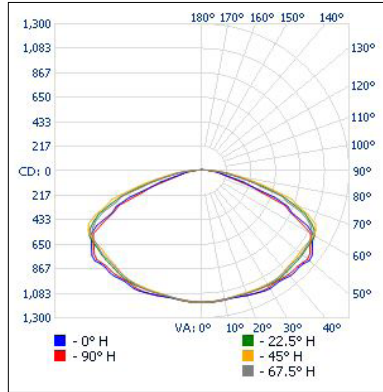
## DIMENSIONS AND WEIGHTS



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

UCS-PS70A-32-3CXXP • 40 W • 4 000 K • 5 593 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

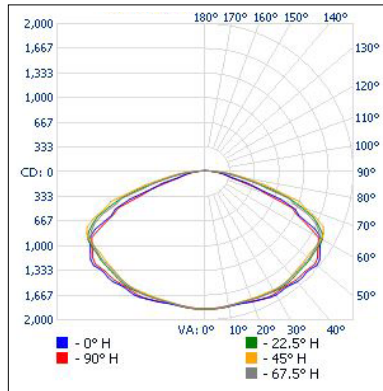
ZONE	LUMENS	% FIXTURE
0-30	975.7	17.4
0-40	1 710.2	30.6
0-60	3 640.3	65.1
60-90	1 792.8	32.1
70-100	870.2	15.6
90-120	120.1	2.1
0-90	5 433.1	97.1
90-180	159.8	2.9
0-180	5 592.9	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
8.3'	649		4.2'	7.9'
16.7'	172		8.1'	15.4'
25.0'	75.1		12.3'	23.3'
33.3'	41.8		16.5'	31.2'
41.7'	27.2		20.5'	38.6'
50.0'	18.8		24.7'	46.6'
■ Vert. Spread: 101.9° ■ Hor. Spread: 133.5°				

UCS-PS70A-32-3CXXP • 60 W • 4 000 K • 8 916 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

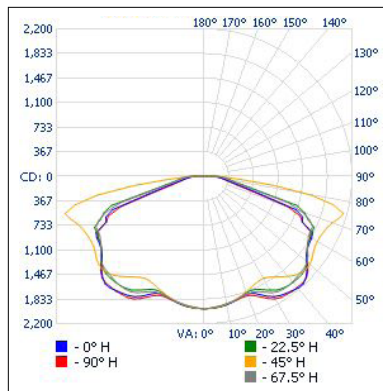
ZONE	LUMENS	% FIXTURE
0-30	1 554.4	17.4
0-40	2 727.0	30.6
0-60	5 804.7	65.1
60-90	2 857.3	32
70-100	1 384.6	15.5
90-120	191.2	2.1
0-90	8 662.0	97.1
90-180	254.7	2.9
0-180	8 916.7	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
8.3'	26.9		47.5'	34.3'
16.7'	6.65		95.5'	69.0'
25.0'	2.97		143.0'	103.3'
33.3'	1.67		190.5'	137.6'
41.7'	1.07		238.5'	172.4'
50.0'	0.74		286.0'	206.7'
■ Vert. Spread: 141.5° ■ Hor. Spread: 128.4°				

UCS-PS70A-32-3CXXP • 70 W • 4 000 K • 9 744 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 597.6	16.4
0-40	2 863.6	29.4
0-60	6 170.1	63.3
60-90	3 394.1	34.8
70-100	1 737.5	17.8
90-120	152.3	1.6
0-90	9 564.2	98.2
90-180	180.1	1.8
0-180	9 744.3	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
8.3'	28.7		49.7'	38.01
16.7'	7.08		100.0'	76.4'
25.0'	3.16		149.81	114.41
33.3'	1.78		199.51	152.3
41.7'	1.14		249.8'	190.8'
50.0'	0.79		299.5'	228.7'
■ Vert. Spread: 143.1° ■ Hor. Spread: 132.8°				

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