

Project _____
Catalogue n° _____

Type _____
Date _____

AimLite

UDC

UNDER CANOPY AND GARAGE LIGHT

CONTROLS-READY, 3 POWER AND 3 CCT SELECTABLE



FEATURES & SPECIFICATIONS

CONSTRUCTION

- Physical Characteristics
 - Aluminum die cast in a bronze or white powder coat finishes
 - CCT and Power Select switches are placed discretely inside the housing
 - Clear polycarbonate lens
 - Integrated sensor receptacle makes for easy plug-and-play installation of smart and non-smart 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 switch

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 (LED Current : 365-560 mA)
- Lumen output: 6 922-17 462 lm
- 0-10 V dimming standard
- 6 kV surge protection
- Estimated life of over 54 000 hours to L70
- LM-80: 9 000 tested hours
- Operating temperature: -40°C to 45 °C (-40 °F to 113 °F)

COMPLIANCES

- cULus listed for Canada and USA for wet locations
- DLC Premium
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	136-158
WATTS (W)	48/64/80 72/96/120	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	6 922-17 462	CRI	80+
           			

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.

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



ORDER CODE	PART NUMBER	LUMEN OUTPUT [LM] ^{1,2}	EFFICACY [LM/W]	WATTS [W]	COLOR TEMP. [K] ¹	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	BEAM ANGLE [°]	B.U.G.	FINISH	DIMMING [YES/NO]	TRADITIONAL EQUIVALENT [W] MH	MASTER CASE QTY
CCT & POWER SELECTABLE WITH INTEGRATED PHOTOCELL⁵													
1000036	UDC-PS80A-32-3C-BR	7 582/ 10 109/ 11 944	158	48/ 64/ 80	3 000/ 4 000/ 5 000	54 000	9 000	150	B3-U3-G2	BRONZE	YES	100-250	3
1000037	UDC-PS80A-32-3C-WH	7 582/ 10 109/ 11 944	158	48/ 64/ 80	3 000/ 4 000/ 5 000	54 000	9 000	150	B3-U3-G2	WHITE	YES	100-250	3
1000038	UDC-PS120A-32-3C-BR	11 093/ 14 791/ 17 462	154	72/ 96/ 120	3 000/ 4 000/ 5 000	54 000	9 000	150	B3-U3-G3	BRONZE	YES	250-400	3

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

² 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.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Integrated ON/OFF photocell that can be easily disabled.

DLC UNIQUE ID TABLE

PART NUMBER	DLC PREMIUM UNIQUE ID	
	PARKING GARAGE LUMINAIRES	HIGH-BAY LUMINAIRES FOR COMMERCIAL AND INDUSTRIAL BUILDING
UDC-PS80A-32-3C-BR	S-B9R6K3	S-2CFRWM
UDC-PS80A-32-3C-WH	S-B9R6K3	S-2CFRWM
UDC-PS120A-32-3C-BR	S-JQQ3Y5	S-R63MH5

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	3 000 K		4 000 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
UDC-PS80A-32-3C-BR UDC-PS80A-32-3C-WH	48	6 922	144	7 582	158	7 180	150
	64	9 229	144	10 109	158	9 573	150
	80	11 333	144	11 944	158	11 836	150
UDC-PS120A-32-3C-BR	72	9 824	136	11 093	154	10 284	143
	96	13 099	136	14 791	154	13 712	143
	120	16 134	136	17 462	154	16 601	143

DEFAULT PROGRAMMING

UDC-PS80A-32-3C-BR: 80 W / 4000 K

UDC-PS80A-32-3C-WH: 80 W / 4000 K

UDC-PS120A-32-3C-BR: 120 W / 4000 K

ACCESSORIES (SOLD SEPARATELY)

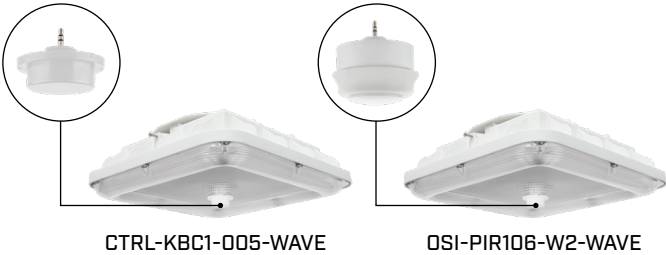
PART NUMBER	TYPE
OSI-EFS06R-B1 ¹	EXTERNAL HIGH FREQUENCY SENSOR EFS06R
OSI-RM51	REMOTE CONTROL RM51 FOR MOTION SENSORS

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

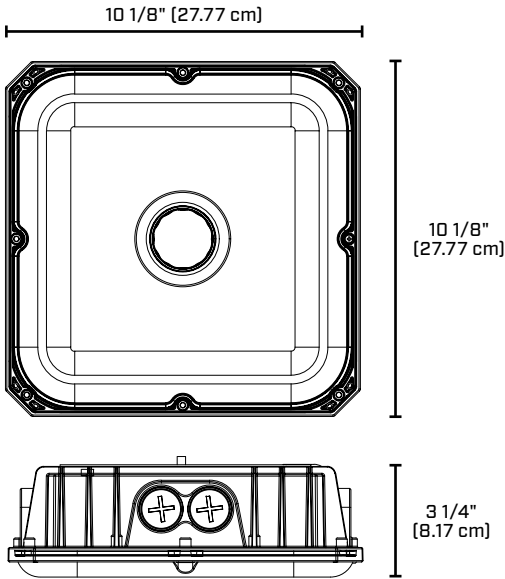
SMART ACCESSORIES [SOLD SEPARATELY]

PART NUMBER	TYPE
CTRL-KBC1-005-WAVE ¹	WAVE BLUETOOTH® MESH EXTERNAL LOW VOLTAGE FIXTURE CONTROLLER WHITE
OSI-PIR106-W2-WAVE	WAVE BLUETOOTH® MESH EXTERNAL PIR SENSOR OSI-PIR106-W-WH

¹ Compatible with scheduling only.



DIMENSIONS AND WEIGHT



NET WEIGHT [LBS]	
IFC-PS80	4.27
IFC-PS120	4.46

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-B1	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-PIR106-W2-WAVE	EXTERNAL	120-347 [12 V DC]	BLUETOOTH & PIR	40 [MAX]	100	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	N/A	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-B1	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-PIR106-W2-WAVE	EXTERNAL	120-347 [12 V DC]	BLUETOOTH & PIR	40 [MAX]	100	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	N/A	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%