

UCL UNDER CANOPY AND GARAGE LIGHT

3 POWER SELECTABLE AND 3 CCT SELECTABLE, CONTROL-READY

The UCL is equipped with the latest in LED technology and allows the user to control the color temperature and power via an internal field adjustable switch. Its rugged construction easily installs on junction boxes and its high quality thermal heat sinks dissipate the LED heat and ensure reliable long life. This series comes control-ready with its pre-installed receptacle making it a great addition to any commercial or industrial applications.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- This luminaire is made of aluminum die cast and comes in a bronze or white powder coat finishes
- Frosted polycarbonate lens
- Power and CCT switches placed discretely inside the housing
- Control-ready-motion sensor receptacle included
- 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
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard¹
- Operating temperature:
 -40 °C to 40 °C [-40 °F to 104 °F]

COMPLIANCE

- cETLus listed for wet locations
- DLC Premium
- Meets requirements of ICES-005 issue 5 class B for use in residential applications

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	120-146
WATTS [W]	40/60/70	COLOR TEMPERATURE [K]	3 000/4 000/5 000
LUMEN OUTPUT [LM]	5 530-9 062	CRI	80+

¹ Dimming percentage will be based on the full power of the luminary.

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 ORDERING GUIDE



PART NUMBER	DLC UNIQUE ID	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ^{2,3}	EFFICI- CACY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	CALC. TM21 [HRS] ⁴	LED CURRENT [MA]	FINISH	DIM- MING [YES/ NO]	PF	THD [%]	BUG	TRADITIONAL EQUIVALENT [W]		MAS- TER CASE QTY
																	MH	HPS	
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL ⁴																			
UCL-PS70A-32-3C8RP	S-U110KY	40/60/70	120-347	3 000/4 000/5 000	6 022-9 062	141-146	80+	50 000	9 000	>36 000	344.9-557.8	Bronze	Yes	>0.9	<20%	B3-U3-G2	100-175	100-175	4
UCL-PS70A-32-3CWHP	S-U110KY	40/60/70	120-347	3 000/4 000/5 000	6 022-9 062	141-146	80+	50 000	9 000	>36 000	344.9-557.8	White	Yes	>0.9	<20%	B3-U3-G2	100-175	100-175	4

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

² Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

³ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

⁴ Integrated ON/OFF photocell that can be easily enabled.

ACCESSORIES (ORDER SEPARATELY)

ORDE CODE	TYPE
OSI-EFS06R	HIGH FREQUENCY SENSOR
OSI-RM51	REMOTE CONTROL RM51 FOR MOTION SENSORS

OCCUPANCY SENSORS

BI-LEVEL SENSORS

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

PART NO	POSITION	VOLTS [V]	TECHNOLOGY	HEIGHT [FT]	DETECTION AREA [%]	INITIAL BRIGHTNESS [%]	SENSITIVITY [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	REMOTE*	LOCATION
69444	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

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

COMPATIBLE DIMMERS

BRAND	MODEL NUMBER
LUTRON	TSTV-DV, DIVA DVSTV
LEVITON	DD 710, DS 710
LEGRAND	RH4FBL3PTC, WS4FBL3P

Dimming range: 10%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

LUMEN CHART TABLE

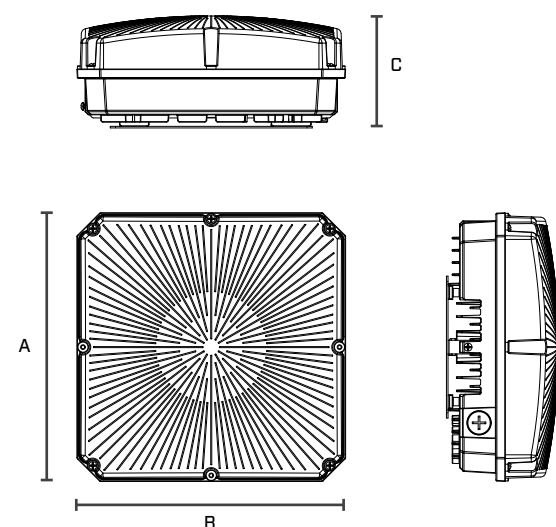
PART NUMBER	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
UCL-PS70A-32-3CBRP	40	5 530	120	366.6	6 022	146	344.9	5 665	139	341.5
UCL-PS70A-32-3CWHP	60	7 231	120	550	7 601	142	448.3	7 399	135	458.5
	70	8 544	124	574.4	9 062	141	557.8	8 738	133	580.2

DEFAULT PROGRAMMING

UCL-PS70A-32-3CBRP: 70 W / 4 000 K

UCL-PS70A-32-3CWHP: 70 W / 4 000 K

DIMENSIONS AND WEIGHTS

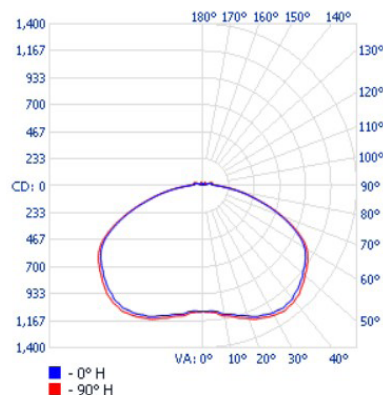


	40/60/70 W
A IN. [CM]	10.06 [25.54]
B IN. [CM]	10.06 [25.54]
C IN. [CM]	4.19 [10.65]
NET WEIGHT [LBS]	6.28

PHOTOMETRIC DATA¹

UCL-PS70A-32-3CXXP • 40 W • 4 000 K • 6 022 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

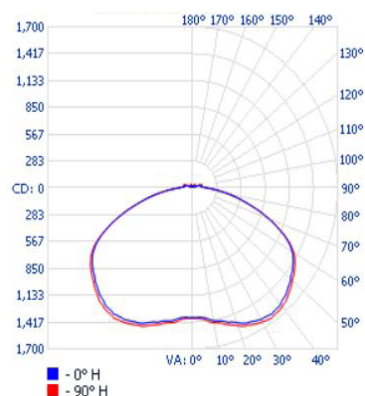
ZONE	LUMENS	% FIXTURE
0-30	1 013.4	17.2
0-40	1 819.5	30.9
0-60	3 795.8	64.4
60-90	1 825.9	31
70-100	990.2	16.8
90-120	207.6	3.5
0-90	5 621.7	95.4
90-180	269.6	4.6
0-180	5 891.4	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
8.3'	15.8		44.8'	53.7'
16.7'	3.89		90.2'	108.0'
25.0'	1.74		135.0	161.7'
33.3'	0.98		179.8'	215.3'
41.7'	0.62		225.1'	269.7'
50.0'	0.43		269.9'	323.3'
<div>■ Vert. Spread: 139.3° ■ Hor. Spread: 145.6°</div>				

UCL-PS70A-32-3CXXP • 60 W • 4 000 K • 7 601 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

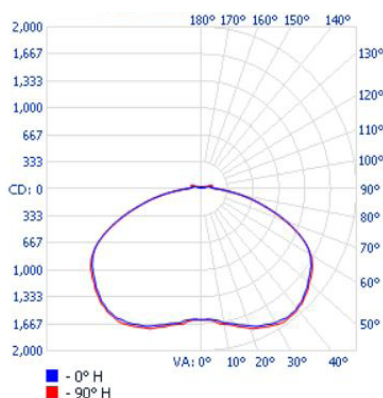
ZONE	LUMENS	% FIXTURE
0-30	967.2	17.9
0-40	1 719.3	31.8
0-60	3 534.6	65.3
60-90	1 633.8	30.2
70-100	881.4	16.3
90-120	187.1	3.5
0-90	5 167.8	95.5
90-180	243.9	4.5
0-180	5 411.8	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
8.3'	15.7		42.0'	50.7'
16.7'	3.87		84.4'	101.9'
25.0'	1.73		126.4'	152.6'
33.3'	0.97		168.3'	203.3'
41.7'	0.62		210.8'	254.6'
50.0'	0.43		252.8'	305.2'
<div>■ Vert. Spread: 136.8° ■ Hor. Spread: 143.7°</div>				

UCL-PS70A-32-3CXXP • 70 W • 4 000 K • 9 062 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 521.7	17.1
0-40	2 737.6	30.8
0-60	5 724.5	64.4
60-90	2 772.2	31.2
70-100	1 499.8	16.9
90-120	310.7	3.5
0-90	8 496.6	95.6
90-180	392.6	4.4
0-180	8 889.3	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
8.3'	23.5		47.3'	53.7'
16.7'	5.79		95.2'	108.0'
25.0'	2.58		142.5'	161.7'
33.3'	1.46		189.9	215.4'
41.7'	0.93		237.7'	269.7'
50.0'	0.65		285.1'	323.4'
■ Vert. Spread: 141.3° ■ Hor. Spread: 145.6°				

¹ Complete IES files available on our website.