

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} | EFFICIACY [LM/W] | CRI | LIFE L70 [HRS] ⁴ | TESTED HOURS LM-80 [HRS] ⁴ | CALC. TM21 [HRS] ⁴ | LED CURRENT [MA] | FINISH | DIMMING [YES/NO] | PF | THD [%] | BUG | TRADITIONAL EQUIVALENT | | MASTER CASE QTY | |
|---|---------------|--------------|----------------|---------------------------------|-------------------------------------|---------------------|-----|--------------------------------|--|----------------------------------|---------------------|--------|---------------------|------|------------|----------|------------------------|---------|-----------------|--|
| | | | | | | | | | | | | | | | | | [W] | | | |
| | | | | | | | | | | | | | | | | | MH | HPS | | |
| CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL ⁴ | | | | | | | | | | | | | | | | | | | | |
| UCL-PS70A-32-3C8RP | SUI10KY | 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 | SUI10KY | 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 |

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%

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 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 | 10S, 5MIN, 15MIN, 30MIN, 60MIN | 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%

* To be ordered separately.

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

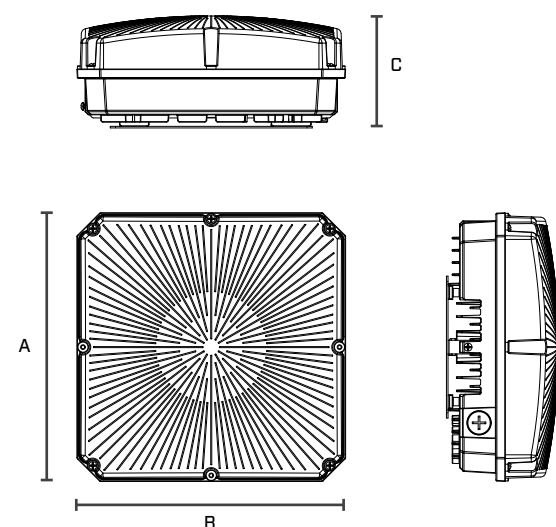
| PART NUMBER | WATTS [W] | 3 000 K | | | 4 000 K | | | 5 000 K | | |
|--------------------|-----------|-------------------|-----------------|------------------|-------------------|-----------------|------------------|-------------------|-----------------|------------------|
| | | LUMEN OUTPUT [LM] | 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

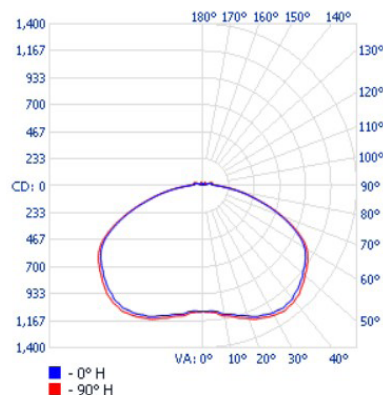


| | 40/60/70 W |
|------------------|---------------|
| A IN. [CM] | 10.06 [25.54] |
| B IN. [CM] | 10.06 [25.54] |
| C IN. [CM] | 4.19 [10.65] |
| NET WEIGHT [LBS] | 6.28 |

PHOTOMETRIC DATA¹

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

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

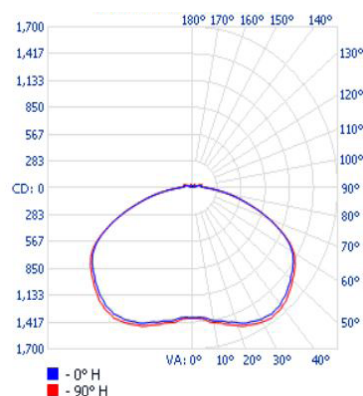
| ZONE | LUMENS | % FIXTURE |
|--------|---------|-----------|
| 0-30 | 1 013.4 | 17.2 |
| 0-40 | 1 819.5 | 30.9 |
| 0-60 | 3 795.8 | 64.4 |
| 60-90 | 1 825.9 | 31 |
| 70-100 | 990.2 | 16.8 |
| 90-120 | 207.6 | 3.5 |
| 0-90 | 5 621.7 | 95.4 |
| 90-180 | 269.6 | 4.6 |
| 0-180 | 5 891.4 | 100 |

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

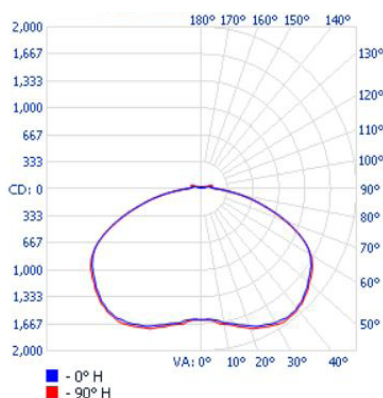
| ZONE | LUMENS | % FIXTURE |
|--------|---------|-----------|
| 0-30 | 967.2 | 17.9 |
| 0-40 | 1 719.3 | 31.8 |
| 0-60 | 3 534.6 | 65.3 |
| 60-90 | 1 633.8 | 30.2 |
| 70-100 | 881.4 | 16.3 |
| 90-120 | 187.1 | 3.5 |
| 0-90 | 5 167.8 | 95.5 |
| 90-180 | 243.9 | 4.5 |
| 0-180 | 5 411.8 | 100 |

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.