



| | |
|----------|--|
| Client: | |
| Order #: | |
| Project: | |
| Type: | |

PERFORMANCE DATA

CRI

70+ (5000K);
80+ (4000K and lower)

CCT

3000K, 3500K, 4000K, 5000K

Projected Lifetime

L70 - 196,000 Hours;
L80 - 122,000 Hours

Dimming

0-10V Dimming Standard,
10% down to 100%

Operating Temperature

-40°C to +55°C Ambient

UL Listed

Suitable for dry, damp,
wet locations

Warranty

5 year Standard
10 year Optional

DESCRIPTION

The Comet trapezoidal cutoff wall pack blends style and functionality, perfect for retail spaces, walkways, and entrances. Delivering up to 140 lumens per watt, it ensures efficient and effective illumination. Suitable for various settings, it combines elegance with high-performance LEDs and a durable driver, making it an ideal choice for factories, restaurants, and shopping centers.

FEATURES

- Heavy duty two piece, die-cast aluminium housing.
- Silicone gasketing provides protection against moisture.
- Mounts directly to 3.5" octagon, or 4" square outlet box.
- .5" NPS tapped holes provided in three locations for surface conduit entry for optional photocell control.
- Dark bronze powder coated finish for impact, corrosion and UV resistance.
- Integral cast-in aluminum hinges
- Dark Sky compliant when ordered at 3000K
- DLC Premium listed for utility rebates (see Page 3 for more info)
- Can be used as an uplight for wall washing applications.
- Driver is fully accessible from below the ceiling or wall. Driver is wired for dimming or non-dimming.
- Precision-designed polycarbonate optical lenses control and deliver light only where it is needed

ORDERING INFORMATION

| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|--|
| COMET | | | | | | | | |
| | B | C | D | E | F | G | H | |

| | | |
|----------|-----------------------|--|
| A | FIXTURE SERIES | |
| | Comet | Trapezoidal Wall Pack |
| B | WATTAGE/LUMENS | |
| | 20 | 20W/2534 ^{3,7} |
| | 30 | 30W/3799 ^{3,7} |
| | 40 | 40W/4863 ^{3,7} |
| | 60 | 60W/7670 ^{3,7} |
| | 75 | 75W/9766 ^{3,7} |
| C | CCT | |
| | 30 | 3000K |
| | 35 | 3500K |
| | 40 | 4000K |
| | 50 | 5000K ⁴ |
| D | VOLTAGE | |
| | UNV | 120-277V |
| | 347 | 347V |
| | 480 | 347-480V (Step-Down Transformer used for 480V Divider) |

| | | |
|----------|---------------------------|---------------------|
| E | LIGHT DISTRIBUTION | |
| | 2 | Type 2 |
| | 3 | Type 3 |
| | 4 | Type 4 |
| F | FINISH | |
| | BZ | Bronze ¹ |
| | BL | Black |
| | WH | White |
| | CU | Custom ² |

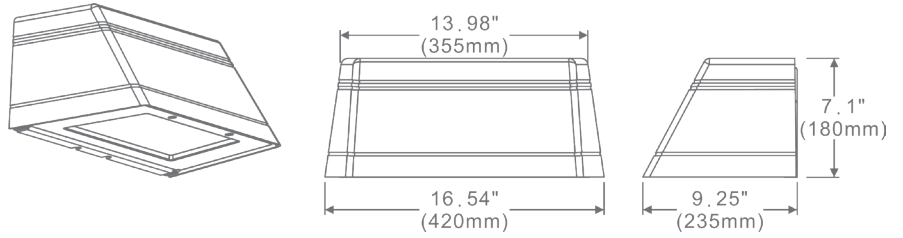
| | | |
|----------|-----------------------------|-------------------------------------|
| G | OPTIONS | |
| | PC | Photocell |
| | EM | Emergency Backup |
| | MS | Motion Sensor w/ Dimming (FSP-211)5 |
| H | WARRANTY⁹ | |
| | - | 5 Year Warranty |
| | 10 | 10 Year Warranty |
| | 10L | 10 Year Warranty including labor |

¹Standard for fixture
²Contact factory for custom finish
³Delivered Lumens (5000K Type III)
⁴Standard Color Temp.
⁵5 8ft mounting height lens standard. Contact factory for higher mounting.
⁶Only Available in 40W, 60W and 80W models.
⁷DLC Listed wattage (see Page 4 for more information on models currently listed)
⁸5 Year Warranty is Standard unless specified



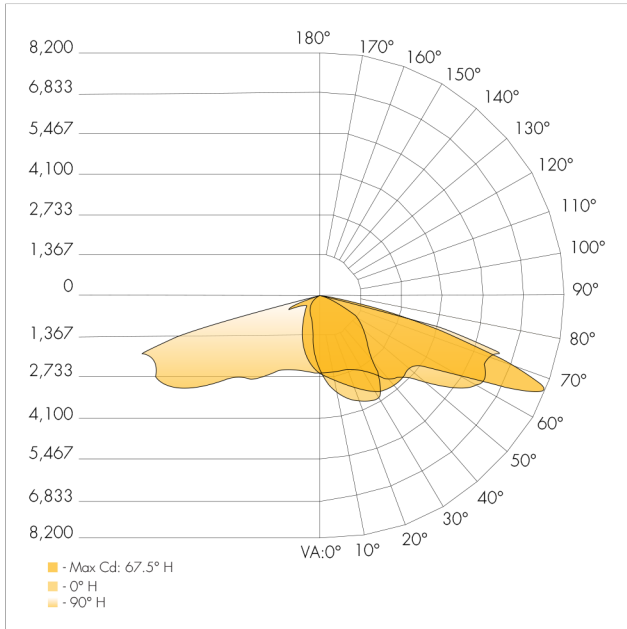
DIMENSIONS

| X ₁ | X ₂ | X ₃ | X ₄ |
|----------------|----------------|----------------|----------------|
| 16.54" | 13.98" | 9.25" | 7.10" |
| 420mm | 355mm | 235mm | 180mm |

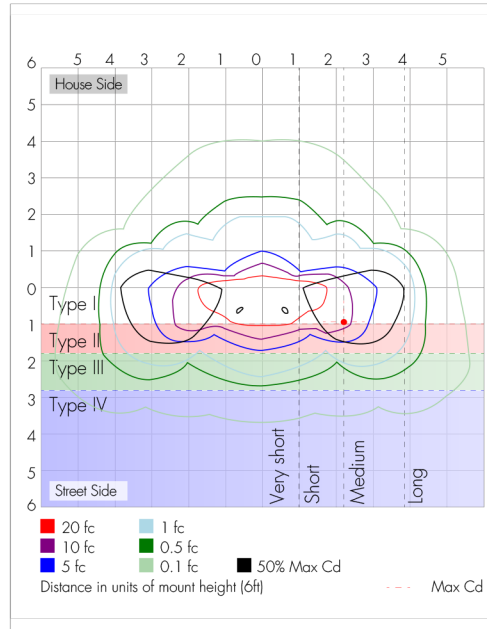


PHOTOMETRICS

75W 5000K TYPE 2



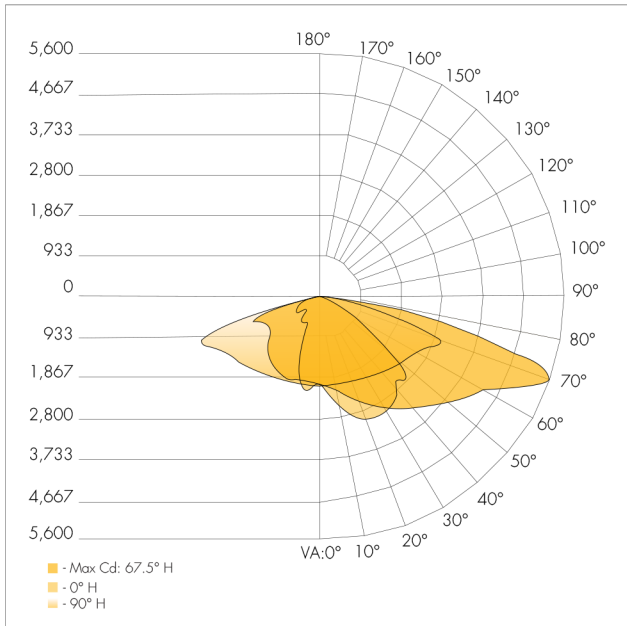
ISOFOOTCANDLE



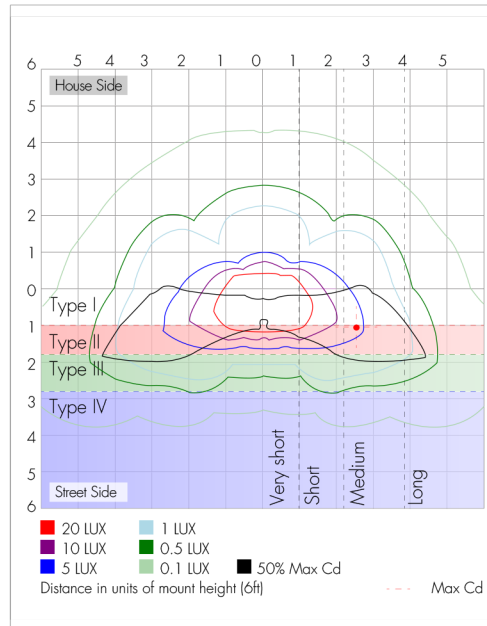
ZONAL LUMEN SUMMARY

| Zone | Lumens | %Luminaire |
|--------|----------|------------|
| 0-30 | 2,013.8 | 19.2% |
| 0-40 | 3,504.8 | 33.4% |
| 0-60 | 6,919.7 | 66% |
| 60-90 | 3,555.8 | 33.9% |
| 70-100 | 1,440.5 | 13.7% |
| 90-120 | 9.2 | 0.1% |
| 0-90 | 10,475.5 | 99.9% |
| 90-180 | 9.2 | 0.1% |
| 0-180 | 10,484.7 | 100% |

75W 5000K TYPE 3



ISOFOOTCANDLE

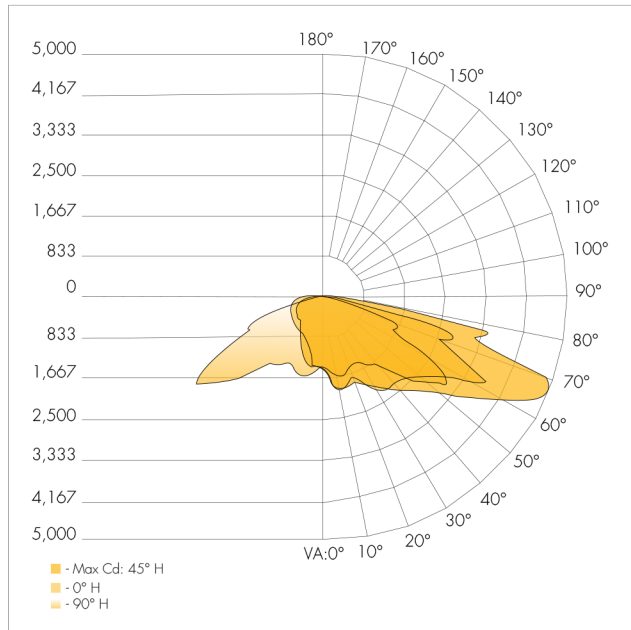


ZONAL LUMEN SUMMARY

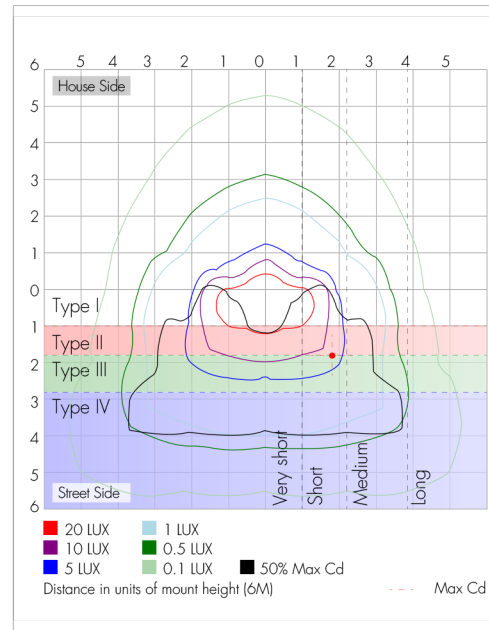
| Zone | Lumens | %Luminaire |
|--------|---------|------------|
| 0-30 | 1,846.2 | 18.9% |
| 0-40 | 3,183.5 | 32.6% |
| 0-60 | 6,568.8 | 67.2% |
| 60-90 | 3,188.4 | 32.6% |
| 70-100 | 1,485.1 | 15.2% |
| 90-120 | 10.9 | 0.1% |
| 0-90 | 9,757.2 | 99.9% |
| 90-180 | 10.9 | 0.1% |
| 0-180 | 9,768.2 | 100% |

PHOTOMETRICS

75W 5000K TYPE 4



ISOFOOTCANDLE



ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 1,283.3 | 13.6% |
| 0-40 | 2,278.4 | 24.1% |
| 0-60 | 5,584.0 | 59% |
| 60-90 | 3,863.5 | 40.8% |
| 70-100 | 1,766.3 | 18.7% |
| 90-120 | 14.4 | 0.2% |
| 0-90 | 9,447.5 | 99.8% |
| 90-180 | 14.4 | 0.2% |
| 0-180 | 9,461.9 | 100% |

PROJECTED LED MAINTENANCE

| Operating Hours | 0 | 25,000 | 50,000 | 75,000 | 100,000 |
|--------------------------|-----------------------------------|--------|--------|--------|---------|
| Lumen Maintenance Factor | 25°C (77°F) Ambient Outdoor Temp | | | | |
| | 1 | 0.95 | 0.91 | 0.87 | 0.83 |
| | 55°C (131°F) Ambient Outdoor Temp | | | | |
| | 1 | 0.93 | 0.87 | 0.81 | 0.76 |

LUMEN OUTPUT

| Lumen Chart (5000K) | | | | |
|---------------------|--------------|-------|------|------|
| Model Number | System Watts | T2 | T3 | T4 |
| COMET-20-40-UNV | 19 | 2721 | 2534 | 2455 |
| COMET-30-40-UNV | 28 | 4078 | 3799 | 3680 |
| COMET-40-40-UNV | 38 | 5222 | 4863 | 4711 |
| COMET-60-40-UNV | 57 | 8235 | 7670 | 7430 |
| COMET-75-40-UNV | 76 | 10486 | 9766 | 9461 |

*To scale to 4000K, multiply 5000K values by 0.92

DLC LISTED

| | 20W | | | 30W | | | 40W | | | 60W | | | 75W | | |
|-------|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|
| | T2 | T3 | T4 | T2 | T3 | T4 | T2 | T3 | T4 | T2 | T3 | T4 | T2 | T3 | T4 |
| 4000K | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 5000K | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

OTHER VIEWS

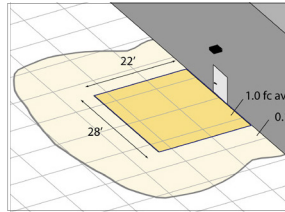
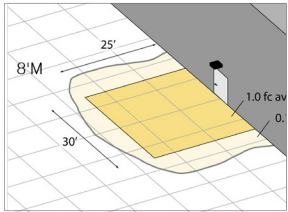


EMERGENCY BATTERY OPERATION

The emergency battery backup (EM option) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per International Building Code Section 1006 and NFPA 101 Life Safety Code Section 7.9, provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.

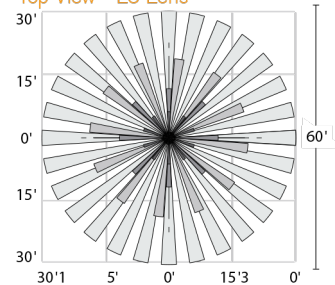


BI-LEVEL & DAYLIGHT HARVEST PIR SENSOR



- Slim, low-profile sensor is designed for installation inside the bottom of a light fixture.
- Provides multi-level control based on motion and/or daylight contribution.
- 30' range sensitivity detector.
- Works with ballasts or LED drivers.
- Adjustable light levels and stand-by time.
- Constructed out of fire retardant polycarbonate material that is UV and impact resistant.

Top View - L3 Lens



Side View - L3 Lens

