

LEDOSEC LED Outdoor Security Luminaires



| | |
|------------|--|
| Project: | |
| Type: | |
| Catalog #: | |



Model
LEDOSEC-3-PCMS-BRZ
(3 heads, motion sensor & photocell, bronze finish)

STANDARD



The LEDOSEC series is an economical group of outdoor security luminaires. Models are available with either one, two or three heads, and with either built-in photocells or combination motion sensors and photocells. With a high-strength, cast aluminum housing and a high-quality, UV-resistant glass diffuser, the LEDOSEC is a versatile and durable outdoor luminaire. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional outdoor security luminaires.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 53,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Models with one head provide 1,064 to 1,069 lumens and 89 lumens per watt (LPW).*
- Models with two heads provide 2,041 to 2,089 lumens and 82 to 84 LPW.*
- Models with three heads provide 3,105 to 3,135 lumens and 86 to 87 LPW.*
- Operates on 120 AC voltage (60Hz).
- Power factor > 0.90.
- Color rendering index > 80.
- Die cast aluminum housing with durable, powder coat paint.
- Glass lens is sealed and gasketed to prevent leaks.
- Easy installation in new construction or retrofit.

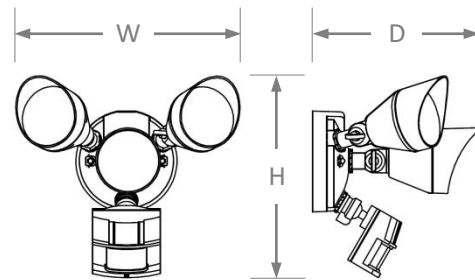
* Contact factory for other color temperatures and lumen packages.

** L_{70} hours are IES TM-21-11 calculated hours.

WARRANTY & LISTINGS

- cETLus listed for wet locations in ambient temperatures from -10°C to 40°C (14°F to 104°F).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, class B.
- Protected against input line transients (2.5kV).
- 5-year warranty on all electronics and housing.

DIMENSIONS



| Photocell Only | | | Photocell & Motion Sensor | | |
|----------------|---------|---------|---------------------------|---------|---------|
| 1-Head | 2-Heads | 3-Heads | 1-Head | 2-Heads | 3-Heads |
| 5"W | 11"W | 11"W | 5"W | 11"W | 11"W |
| 5½"H | 6¾"H | 6¾"H | 10"H | 10"H | 10"H |
| 8¼"D | 6¼"D | 8¼"D | 8¼"D | 6¼"D | 8¼"D |

WEIGHT (LBS.)

| Photocell Only | | | Photocell & Motion Sensor | | |
|----------------|---------|---------|---------------------------|---------|---------|
| 1-Head | 2-Heads | 3-Heads | 1-Head | 2-Heads | 3-Heads |
| 1.4 | 1.8 | 2.6 | 1.8 | 2.0 | 2.8 |

ORDERING INFORMATION

Example: LEDOSEC-1-PC-BRZ-4K (1-head, photocell only, dark bronze, 4000k)

| Model | # Heads | Sensor | Housing Color | Color Temperature |
|---------|--|---|----------------------------------|--------------------------|
| LEDOSEC | 1 = 1 head 2 = 2 heads 3 = 3 heads | PC = Photocell only PCMS = Photocell & motion sensor | BRZ = Dark bronze WHT = White | 4K = 4000k 5K = 5000k |

Specifications and dimensions subject to change without notice.

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ELECTRICAL

| Model | Color Temperature | CRI ¹ | Luminaire Lumens | Luminaire Watts | Lumens Per Watt | Input Voltage ² | Input Current (A) | Power Factor | L ₇₀ Hours ³ |
|----------------|-------------------|------------------|------------------|-----------------|-----------------|----------------------------|-------------------|--------------|------------------------------------|
| LEDOSEC-1-PC | 4000k / 5000k | > 80 | 1,069 | 12 | 89 | 120 | 0.10 | > 90% | 53,000 |
| LEDOSEC-1-PCMS | 4000k / 5000k | > 80 | 1,064 | 12 | 89 | 120 | 0.10 | > 90% | 53,000 |
| LEDOSEC-2-PC | 4000k / 5000k | > 80 | 2,089 | 25 | 84 | 120 | 0.21 | > 90% | 53,000 |
| LEDOSEC-2-PCMS | 4000k / 5000k | > 80 | 2,041 | 25 | 82 | 120 | 0.21 | > 90% | 53,000 |
| LEDOSEC-3-PC | 4000k / 5000k | > 80 | 3,105 | 36 | 86 | 120 | 0.30 | > 90% | 53,000 |
| LEDOSEC-3-PCMS | 4000k / 5000k | > 80 | 3,135 | 36 | 87 | 120 | 0.30 | > 90% | 53,000 |

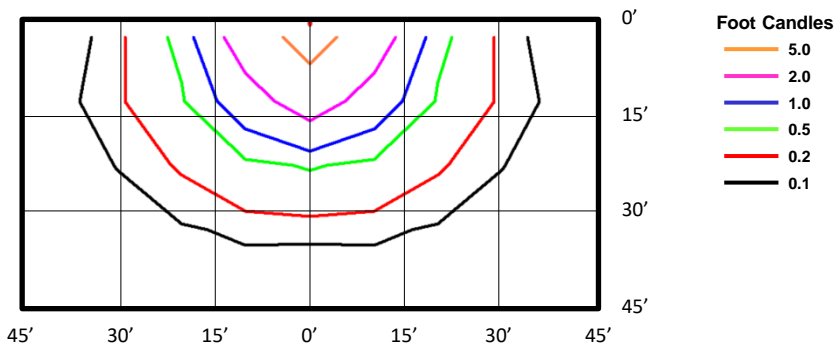
¹ Color rendering index.

² 60Hz.

³ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LEDOSEC-3-PCMS (3,135 Lumens)



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.