

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

STANDARD



The BCLDLED4FT is a 1' x 4' LED cloud luminaire. It is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals, stores, and residences, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10vdc dimming capability.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 52,000 hours of operation with at least 70% of initial lumen output (L₇₀).**
- Provides 3,691 luminaire lumens (95 lumens per watt) at both 4000k and 5000k.*
- Uniform illumination with no visible LED pixelation.
- Universal 100-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.95.
- Total harmonic distortion < 10%.
- Color rendering index > 80.
- Steel housing and acrylic lens.
- Easy installation in new construction or retrofit..

* Contact factory for other color temperatures and lumen packages.

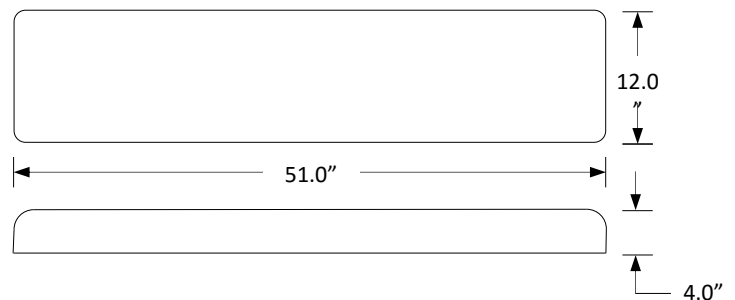
** L₇₀ hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- ETL approved for damp locations and to relevant U.L. standards (-30° C to 50° C / -22° F to 122° F).
- DLC approved.
- Complies with FCC Part 15, Class A.
- Complies with IEEE C.62.41-1991, Class A input transient surge protection (2.5kV).
- Complies with IEC 61000-4-2 level 2 (4kV) electrostatic discharge (ESD).
- 5-year warranty of all electronics and housing.

DIMENSIONS



ORDERING INFORMATION

| Model | Color Temperature | Luminaire Lumens | Luminaire Watts | Lumens / Watt |
|---------------------|-------------------|------------------|-----------------|---------------|
| BCLDLED4FT-42D-4KMV | 4000k | 3,691 | 39 | 95 |
| BCLDLED4FT-42D-5KMV | 5000k | | | |

ELECTRICAL

| Model | Color Temperature | CRI ¹ | Luminaire Lumens | Luminaire Watts | Lumens Per Watt | Input Voltage | Input Current (A) | | | Power Factor | THD ² | L ₇₀ Hours |
|---------------------|-------------------|------------------|------------------|-----------------|-----------------|-------------------|-------------------|------|------|--------------|------------------|-----------------------|
| | | | | | | | 120V | 240V | 277V | | | |
| BCLDLED4FT-42D-4KMV | 4000k | > 80 | 3,691 | 39 | 95 | 120-277 (50-60Hz) | 0.33 | 0.16 | 0.14 | > 95% | < 10% | 52,000 |
| BCLDLED4FT-42D-5KMV | 5000k | > 80 | 3,691 | 39 | 95 | 120-277 (50-60Hz) | 0.33 | 0.16 | 0.14 | > 95% | < 10% | 52,000 |

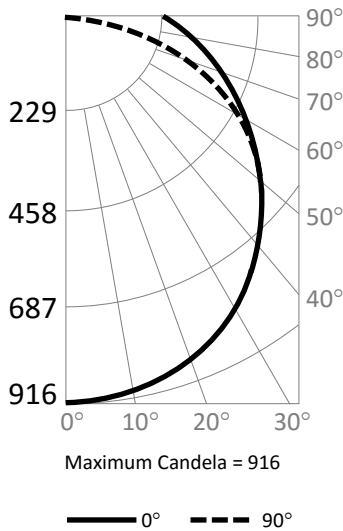
¹ Color rendering index

² Total harmonic distortion

³ L70 refers to the number of operation hours at which 70% of initial lumen output is reached.

PHOTOMETRIC DATA

Model: BCLDLED4FT-42D-4KMV (3,691 lumens)



Candlepower Summary

| | 0° | 90° |
|-----|-----|-----|
| 0° | 916 | 916 |
| 10° | 904 | 903 |
| 20° | 867 | 963 |
| 30° | 804 | 797 |
| 40° | 716 | 708 |
| 50° | 600 | 604 |
| 60° | 458 | 496 |
| 70° | 294 | 394 |
| 80° | 132 | 305 |
| 90° | 59 | 231 |

Zonal Lumen Summary

| Zone | Lumens | % Fixture |
|------------|--------|-----------|
| 0° – 10° | 87 | 2.3% |
| 0° – 20° | 336 | 9.1% |
| 0° – 30° | 720 | 19.5% |
| 0° – 40° | 1,193 | 32.3% |
| 0° – 50° | 1,700 | 46.1% |
| 0° – 60° | 2,182 | 59.1% |
| 0° – 70° | 2,590 | 70.2% |
| 0° – 80° | 2,897 | 78.5% |
| 0° – 90° | 3,691 | 100.0% |
| 90° – 180° | 0 | 0% |
| 0° – 180° | 3,691 | 100.0% |

Cone of Light

