

FEATURES & SPECIFICATIONS

INTENDED USE

Provides an LED lighting platform to deliver general ambient lighting for surface-mount ceiling applications. Light engine delivers long life and excellent color to ensure a quality, low-maintenance light installation. Ideal for use in closets, foyers, hallways, corridors, bedrooms, offices, utility work areas, and more.

CONSTRUCTION

The LED wrap is constructed of a metal housing with decorative plastic end caps. The white acrylic diffuser provides even illumination and softens the appearance of the LEDs for improved aesthetics.

2' wrap produces 1,200 lumens and 4' produces 2,380 lumens, both at 50,000 hours life.

Thermal formed diffuser is of highly transmissive material to minimize lamp image and provides highangle brightness control. One piece contemporary design wrap around diffuser soften appearance for improved aesthetics.

ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide extended service life. Standard input = 20/40 watts (2'/4'), 60 lumens per watt. FMLWL is rated to deliver L70 performance at 50,000 hours. Fixture operates at 120 volts, 60Hz.

Actual wattage may differ by $\pm -5\%$ when operating at 120V $\pm -10\%$.

cUL certified to US and Canadian standards. Listed for damp locations.

WARRANTY

5-year limited warranty. Complete warranty terms located at $\underline{www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx}$

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

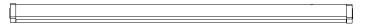
| Catalog Number |
|-------------------|
| Notes |
| |
| Туре |
| |

Decorative Indoor

LED Wrap Linear Flush Mount

LINEAR LED







| Specifications | | | | | |
|----------------|---------------|----------------|--|--|--|
| | <u>2′</u> | <u>4′</u> | | | |
| Width: | 5-1/2 (14.0) | 5-1/2 (14.0) | | | |
| Length: | 24-1/2 (62.2) | 47-2/5 (120.4) | | | |
| Depth: | 2-3/5 (6.6) | 2-3/5 (6.6) | | | |

Weight: 2.5 lbs (1.0 kg) 5.0 lbs (2.3 kg)

All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION For shortest lead times, configure product using **bolded options**.

| ORDERING INFORMATION | For shortest lead times, co | nfigure product using bolded options. | Example: FMLWL 48 840 | | | |
|--|-----------------------------|---|------------------------------|--|--|--|
| | | | | | | |
| Series ¹ | CRI | Color temperature | | | | |
| FMLWL 24 2' LED wrap FMLWL 48 4' LED wrap | 8 >80 | 40 4000 K 35 3500 K ² 30 3000 K ³ 27 2700 K ² | | | | |

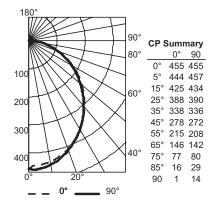
Accessories/Replacement parts DFMLWL24 2' white acrylic diffuser DFMLWL48 4' white acrylic diffuser

- 1 Use with non-dimmable switches only.
- 2 Minimum 90-day lead time for non-standard color temperatures; minimum 50 order quantity.
- 3 Minimum 50-day lead time for non-stock color temperatures; minimum 50 order quantity.

DECORATIVE INDOOR **FMLWL**

PHOTOMETRICS

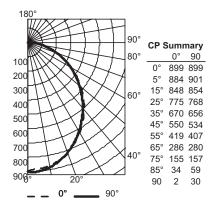
FMLWL 24 840, 1,200 delivered lumens, test no. LTL25857, tested in accordance to IESNA LM-79.



| | | Coe | efficie | ents c | of Ut | ilizat | ion | | |
|----------------|-----|-----|---------|--------|-------|--------|-----|-----|-----|
| pf | | | | 2 | 0% | | | | |
| рс | | 80% | | | 70% | | | 50% | |
| pw | 70% | 50% | 30% | 50% | 30% | 10% | 50% | 30% | 10% |
| 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 |
| 1 | 109 | 104 | 99 | 101 | 98 | 94 | 97 | 94 | 91 |
| 2 | 99 | 91 | 84 | 89 | 82 | 77 | 85 | 80 | 75 |
| 3 | 90 | 80 | 72 | 78 | 70 | 64 | 75 | 68 | 63 |
| <u>4</u> | 83 | 71 | 62 | 69 | 61 | 55 | 67 | 60 | 54 |
| 25 Z | 76 | 63 | 54 | 62 | 54 | 47 | 60 | 52 | 47 |
| ^L 6 | 70 | 57 | 48 | 56 | 48 | 42 | 54 | 47 | 41 |
| 7 | 65 | 52 | 43 | 51 | 43 | 37 | 49 | 42 | 36 |
| 8 | 61 | 47 | 39 | 47 | 39 | 33 | 45 | 38 | 33 |
| 9 | 57 | 43 | 35 | 43 | 35 | 30 | 42 | 34 | 29 |
| 10 | 53 | 40 | 32 | 40 | 32 | 27 | 39 | 32 | 27 |

| Zonal Lumen Summary | | | | | | | |
|---------------------|--------|--------|-----------|--|--|--|--|
| Zone | Lumens | % Lamp | % Fixture | | | | |
| 0° - 30° | 344 | 28.4 | 28.4 | | | | |
| 0° - 40° | 554 | 45.8 | 45.8 | | | | |
| 0° - 60° | 952 | 78.7 | 78.7 | | | | |
| 0° - 90° | 1202 | 99.3 | 99.3 | | | | |
| 90° - 120° | 8 | 0.6 | 0.6 | | | | |
| 90° - 130° | 8 | 0.7 | 0.7 | | | | |
| 90° - 150° | 8 | 0.7 | 0.7 | | | | |
| 90° - 180° | 8 | 0.7 | 0.7 | | | | |
| 0° - 180° | 1210 | 100.0 | 100.0 | | | | |

FMLWL 48 840, 2,383 delivered lumens, test no. LTL25859, tested in accordance to IESNA LM-79.



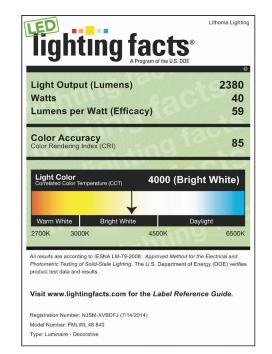
| | | CUE | HILLIE | illo (| יט וע | IIIZat | 1011 | | |
|---|-----|-----|--------|--------|-------|--------|------|-----|-----|
| pf | | | | 2 | 0% | | | | |
| рс | | 80% | | | 70% | | | 50% | |
| pw | 70% | 50% | 30% | 50% | 30% | 10% | 50% | 30% | 10% |
| 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 |
| 1 | 109 | 104 | 100 | 101 | 98 | 94 | 97 | 94 | 91 |
| 2 | 99 | 91 | 84 | 89 | 82 | 77 | 85 | 80 | 75 |
| 3 | 90 | 80 | 72 | 78 | 71 | 64 | 75 | 69 | 63 |
| ∝4 | 83 | 71 | 62 | 69 | 61 | 55 | 67 | 60 | 54 |
| 25 25 25 25 25 25 25 25 25 25 25 25 25 2 | 76 | 63 | 54 | 62 | 54 | 47 | 60 | 53 | 47 |
| ^L 6 | 70 | 57 | 48 | 56 | 48 | 42 | 54 | 47 | 41 |
| 7 | 65 | 52 | 43 | 51 | 43 | 37 | 49 | 42 | 37 |
| 8 | 61 | 47 | 39 | 47 | 39 | 33 | 45 | 38 | 33 |
| 9 | 57 | 44 | 35 | 43 | 35 | 30 | 42 | 35 | 30 |
| 10 | 53 | 40 | 32 | 40 | 32 | 27 | 39 | 32 | 27 |
| | | | | | | | | | |

Coefficients of Utilization

| Zone | Lumens | % Lamp | % Fixture |
|------------|--------|--------|-----------|
| 0° - 30° | 680 | 28.5 | 28.5 |
| 0° - 40° | 1094 | 45.9 | 45.9 |
| 0° - 60° | 1879 | 78.8 | 78.8 |
| 0° - 90° | 2370 | 99.5 | 99.5 |
| 90° - 120° | 12 | 0.5 | 0.5 |
| 90° - 130° | 12 | 0.5 | 0.5 |
| 90° - 150° | 12 | 0.5 | 0.5 |
| 90° - 180° | 12 | 0.5 | 0.5 |
| 0° - 180° | 2383 | 100.0 | 100.0 |

LIGHTING FACTS







FMLWL