

FEATURES & SPECIFICATIONS

INTENDED USE

Provides an LED lighting platform to deliver general ambient lighting for surface-mount ceiling and wall 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 polycarbonate diffuser provides even illumination and softens the appearance of the LEDs for a uniform appearance from below the ceiling.

OPTICS

MVOLT: 2' wrap produces 3,000 lumens and 4' produces 4,500 lumens.

120V: 2' wrap produces 1,400 lumens and the 4' produces 3,000 lumens.

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

ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide extended service life. Standard input = 29/42 watts (2/4'), 107/111 lumens per watt (2/4'). FMLWL is rated to deliver L70 performance at 60,000 hours. Fixture operates at 120/277 volts, 60Hz. FMLWL MVOLT is 0-10V dimmable.

LISTINGS

2700K & 3500K UL and 3000K & 4000K CSA to US and Canadian standards. Listed for damp locations.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

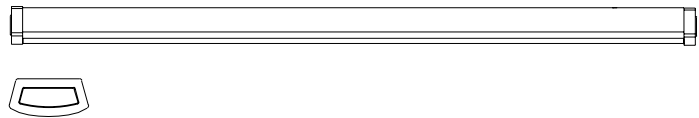
NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number
Notes
Type

FMLWL

Low Profile LED Wraparound

LINEAR LED



Specifications

	2'	4'
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.

CS
CONTRACTOR SELECT

Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ specsheet or go to www.contractorselect.com

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: FMLWL 48 840 ZT MVOLT

Series		CRI	Color temperature	Dimming	Voltage
FMLWL 24 2' LED Wrap	[Blank] Static White	8 > 85 CRI	27 2700K ¹	[Blank] Non-Dimming	[Blank] 120V
FMLWL 48 4' LED Wrap			30 3000K ¹	ZT 0-10V ²	MVOLT 120-277V ²
			35 3500K		
			40 4000K		

Replacement parts
DFMLWL48 4' white polycarbonate diffuser

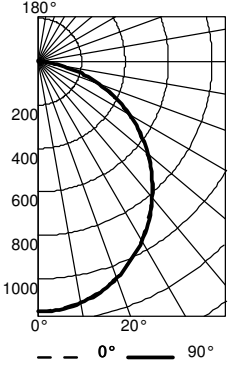
Notes

- 2700K and 3000K not available with ZT MVOLT.
- ZT and MVOLT options must be ordered together.

FMLWL LED Linear Flush Mount

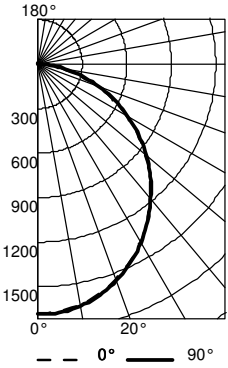
PHOTOMETRICS

FMLWL 24 840 ZT MVOLT, 3,027 delivered lumens



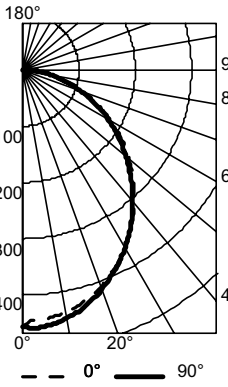
CP Summary			Coefficients of Utilization									Zonal Lumen Summary			
0° 90			20%									Zone Lumens % Lamp % Fixture			
			80%			70%			50%						
			70%	50%	30%	50%	30%	10%	50%	30%	10%				
0°	1149	1149										0° - 30°	881	27.7	27.7
5°	1142	1145										0° - 40°	1435	45.0	45.1
15°	1097	1099										0° - 60°	2514	78.9	79.0
25°	1008	1010										0° - 90°	3170	99.5	99.6
35°	883	890										90° - 120°	9	0.3	0.3
45°	737	740										90° - 130°	9	0.3	0.3
55°	567	575										90° - 150°	11	0.4	0.4
65°	385	393										90° - 180°	14	0.4	0.4
75°	194	206										0° - 180°	3183	99.9	100.0
85°	36	50													
90°	0	13													

FMLWL 48 840 ZT MVOLT, 4,492 delivered lumens



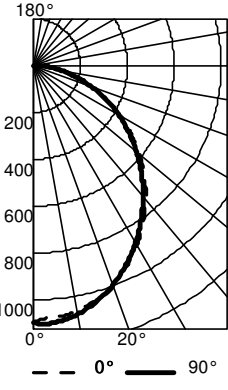
CP Summary			Coefficients of Utilization									Zonal Lumen Summary			
0° 90			20%									Zone Lumens % Lamp % Fixture			
			80%			70%			50%						
			70%	50%	30%	50%	30%	10%	50%	30%	10%				
0°	1682	1682										0° - 30°	1287	27.6	27.7
5°	1673	1682										0° - 40°	2091	44.9	45.0
15°	1602	1612										0° - 60°	3652	78.5	78.6
25°	1468	1476										0° - 90°	4615	99.2	99.3
35°	1287	1292										90° - 120°	20	0.4	0.4
45°	1068	1074										90° - 130°	22	0.5	0.5
55°	818	833										90° - 150°	27	0.6	0.6
65°	554	572										90° - 180°	33	0.7	0.7
75°	282	308										0° - 180°	4648	99.9	100.0
85°	50	96													
90°	2	38													

FMLWL 24 840, 1,400 delivered lumens



CP Summary			Coefficients of Utilization									Zonal Lumen Summary			
0° 90			20%									Zone Lumens % Lamp % Fixture			
			80%			70%			50%						
			70%	50%	30%	50%	30%	10%	50%	30%	10%				
0°	455	455										0° - 30°	344	28.4	28.4
5°	444	457										0° - 40°	554	45.8	45.8
15°	425	434										0° - 60°	952	78.7	78.7
25°	388	390										0° - 90°	1202	99.3	99.3
35°	338	336										90° - 120°	8	0.6	0.6
45°	278	272										90° - 130°	8	0.7	0.7
55°	215	208										90° - 150°	8	0.7	0.7
65°	146	142										90° - 180°	8	0.7	0.7
75°	77	80										0° - 180°	1210	100.0	100.0
85°	16	29													
90°	1	14													

FMLWL 48 840, 3,000 delivered lumens



CP Summary			Coefficients of Utilization									Zonal Lumen Summary			
0° 90			20%									Zone Lumens % Lamp % Fixture			
			80%			70%			50%						
			70%	50%	30%	50%	30%	10%	50%	30%	10%				
0°	1097	1097										0° - 30°	830	28.5	28.5
5°	1078	1099										0° - 40°	1335	45.9	45.9
15°	1035	1042										0° - 60°	2292	78.8	78.8
25°	946	937										0° - 90°	2892	99.5	99.5
35°	817	800										90° - 120°	15	0.5	0.5
45°	671	651										90° - 130°	15	0.5	0.5
55°	511	497										90° - 150°	15	0.5	0.5
65°	349	342										90° - 180°	15	0.5	0.5
75°	189	192										0° - 180°	2907	100.0	100.0
85°	41	72													
90°	2	37													