

Project:	Catalogue:	Type:
Notes:		

Product Description

Specification-grade, surface-mounted ideally suited for multiple indoor applications including hallways, corridors and stairwells. Suitable for continuous row-mounting.

Applications

Commercial Spaces, Hallways, Stairwells



Features

- Unique ADA compliant design
- Shallow design
- Energy savings Bi-Level
- Available in 24 and 48 inch lengths
- 80+ CRI
- Standard low voltage dimming (0-10v)

Featured Options

- Microwave Occ Sensor
- Ultrasonic Occ Sensor
- Emergency Battery Pack

Optical System

Frosted extruded micro-grooved acrylic lens.

Mounting

Mounting holes are provided for surface mounted applications. Continuous raceway and row-mounting capability.

Construction

CNC brake-formed, code gauge, steel housing and ends. Knockouts are provided for conduit attachment.

Finish

White, polyester powder painted housing.

Electrical

Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 > 50,000 hours. Supplied with dimmable drivers (0-10v).

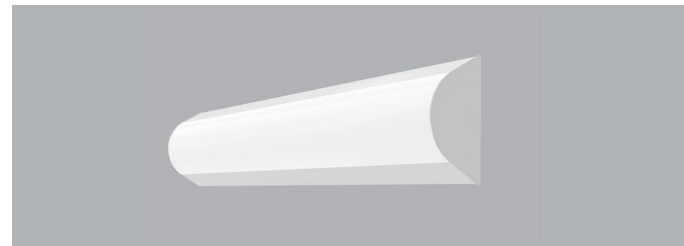
Warranty

5 year limited warranty. For complete warranty, click here: 

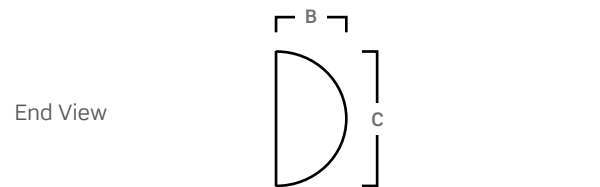
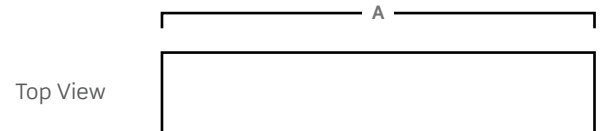
Approvals

- Approved to CSA and UL standards.
- Tested in accordance to IESNA LM-79.
- Suitable for damp locations.
- DesignLights Consortium® Qualified.

All configurations may not be DLC qualified. Check www.designlights.org/QPL for qualified configurations



Dimensions



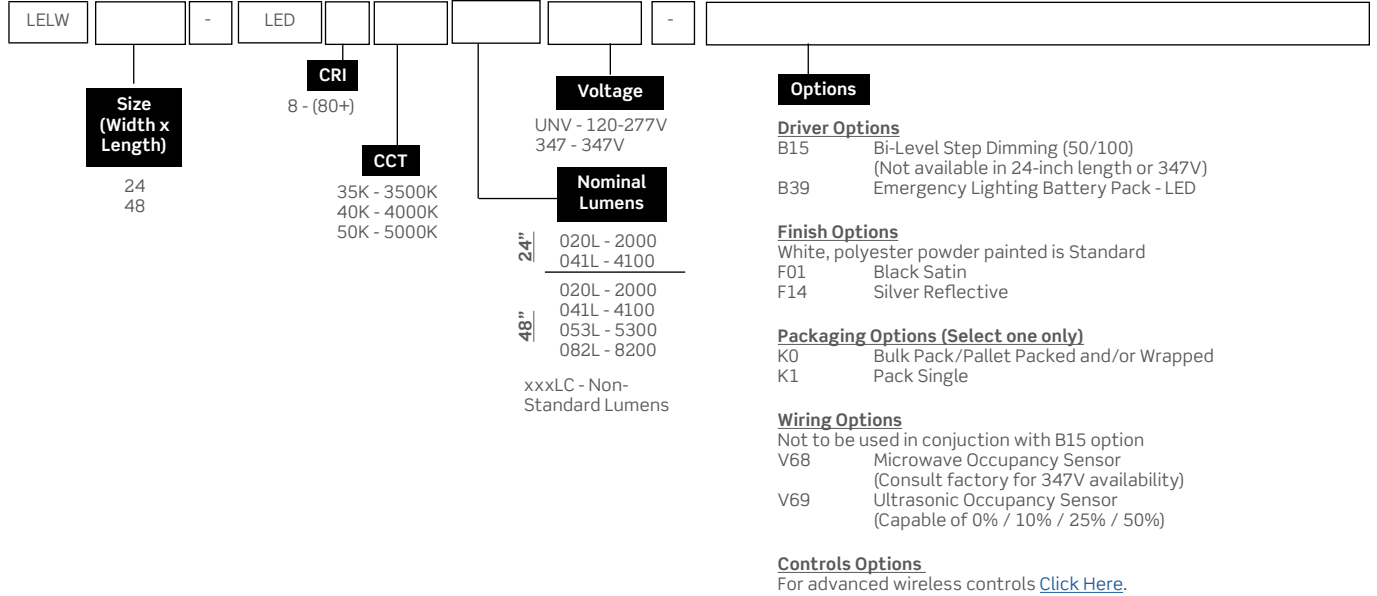
Size	A	B	C
24"	23"	3 15/16"	8"
48"	45"	3 15/16"	8"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LELW48-LED840K53LUNV-V69



Performance Data

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Lumens Per Watt
24	2000	2056	14.7	139.9
	4100	4245	30.5	139.3
48	2000	2045	13.7	149.7
	4100	4245	30.5	139.3
	5300	5365	36.6	146.7
	8200	8490	61	139.3

Values based on 840K with standard lens at 25C

Other options may be available, consult factory. Specifications and data subject to change without notice.

Performance Scaling Factor

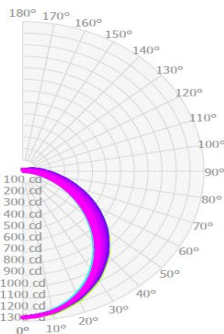
	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

	Calculated Hours	Reported Hours
L70	≥ 238,000	> 60,000
L80	≥ 149,000	> 60,000
L90	≥ 71,000	> 60,000

Photometrics

IES File: **LELW48-LED840K041LUNV**
Lumens: **3788**
Wattage: **32**
Eff cacy: **118**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	967	25.5%
0.0° - 40.0°	1568	41.4%
0.0° - 60.0°	2717	71.7%
0.0° - 90.0°	3590	94.8%
0.0° - 110.0°	3720	98.2%
0.0° - 130.0°	3756	99.1%
0.0° - 150.0°	3774	99.6%
0.0° - 170.0°	3787	100.0%
0.0° - 180.0°	3788	100.0%

Coefficients of Utilization

pc pw	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	118	118	118	114	114	114	108	108	108
1	106	101	97	103	98	94	97	93	90
2	97	88	81	93	86	79	88	81	76
3	88	77	69	85	75	67	80	71	65
4	81	68	59	78	67	58	73	63	56
5	74	61	52	72	60	51	67	57	49
6	68	55	46	66	54	45	62	51	44
7	63	50	41	61	49	40	58	47	39
8	59	46	37	57	45	36	54	43	36
9	55	42	34	54	41	33	50	39	32
10	52	39	31	50	38	30	47	37	30

Effective Floor Cavity Reflectance: 20%

Average Luminance Table (cd/m²)

	CP Summary		
	0.00°	45.00°	90.00°
0.00°	5566	5566	5566
45.00°	4340	4513	4765
55.00°	3773	4119	4495