



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: WLSLED

SERIES SPECIFICATIONS



WLSLED Series

The WLSLED wraparound's clean and shallow fixture design makes it ideal for general illumination of areas such as hallways/corridors, commercial, education and office buildings.



FEATURES

Intended Use

Ideal for general illumination of areas such as hallways/corridors, commercial, education and office buildings.

Construction

The body is constructed of 24 gauge, USA made commercial grade steel with a hot dipped galvanized finish (6 mgs on both sides)

Optics

Acrylic lens option helps to diffuse the LED source pixilation, without compromising light output.

Electrical

70% lumen maintenance at >60,000 hours; predicted life of more than 100,000 hours. Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. The WLSLED delivers up to 126 lumens per watt and LED Lumen maintenance of L80/60,000 hours. Driver disconnect is provided where required to comply with U.S. and Canadian codes. Thermally protected driver standard.

Dimming

LED drivers deliver dimming from a 0-10V control signal. Dims to 10% standard.

Installation

Drivers and internal components are accessible from the floor in standard products. LED boards include plug-in connectors for future upgrades. This fixture may be surface mounted on surfaces such as ceilings and walls.

Listings

UL listed to US and Canadian safety standards. Damp location listed. Fixtures are Assembled in America. For use in ambient operating temperatures ranging from -40°C to 45°C.

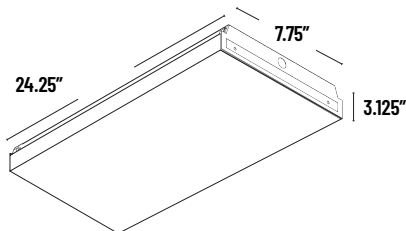
Warranty

5-year limited warranty.

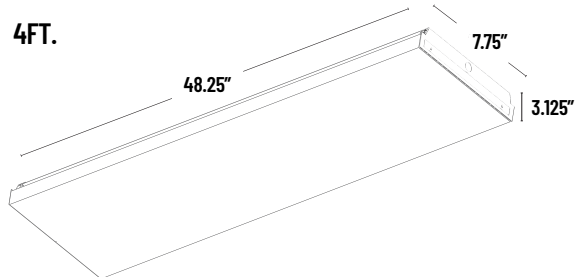
NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWING

2FT.



4FT.



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



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ORDERING INFORMATION

EXAMPLE: WLSLED4-60D1P1L850

SERIES	SIZE	LUMENS & NO. OF DRIVERS	LENS	CRI	COLOR TEMP	OPTIONS*
WLSLED	[2] : 2'	[-20D1] : 2000 [-30D1] : 3000 [-40D1] : 4000 [-50D1] : 5000 [-60D1] : 6000	[P1] : Prismatic Lens	[L8] : 80 CRI	[35] : 3500K [40] : 4000K [50] : 5000K	[-BLANK] : No option [-EM] Emergency backup [-OS] Occupancy sensor [W6-3] : Flex Whip-6' 3 wire** [WC6-515] : Cord-6' SJ-515 Plug**
	[4] : 4'	[-30D1] : 3000 [-40D1] : 4000 [-50D1] : 5000 [-60D1] : 6000 [-70D1] : 7000 [-80D1] : 8000 [-100D1] : 10000 [-125D2] : 12500 [-150D2] : 15000 [-170D2] : 17000				

*Lens options may affect lumen output.

** Other whip, cord and plug options available, contact factory for details.

PERFORMANCE SPECIFICATIONS

Series	Lumen Package	Lumens @ 4000K	LPW @ 4000K	Lumens @ 5000K	LPW @ 5000K	Max Wattage	Amps @ 120V	Amps @ 277V
WLSLED4-30D1	3000	2984	126.12	2944	124.69	23.66	0.2	0.09
WLSLED4-40D1	4000	3854	120.74	3796	119.26	31.92	0.27	0.12
WLSLED4-50D1	5000	4662	114.46	4580	112.75	40.73	0.34	0.15
WLSLED4-60D1	6000	6043	126.21	5966	124.84	47.88	0.4	0.17
WLSLED4-70D1	7000	6999	121.55	6917	120.34	57.58	0.48	0.21
WLSLED4-80D1	8000	7833	121.44	7807	120.33	64.88	0.54	0.23
WLSLED4-90D1	9000	8747	117.3	8664	116.26	74.57	0.62	0.27
WLSLED4-100D1	10000	9187	115.5	9171	115.05	79.71	0.66	0.29
WLSLED4-110D2	11000	11585	113.91	11569	114.21	101.7	0.85	0.37
WLSLED4-125D2	12500	12533	109.17	12494	109.02	114.8	0.96	0.41
WLSLED4-150D2	15000	15000	116.46	14917	115.64	129	1.08	0.47
WLSLED4-170D2	17000	17228	109.66	17112	108.99	157.1	1.31	0.57

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GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS	50W		85W	
Type	Constant Current, Class 2			
Input				
Input Voltage (VAC)	120-277 VAC			
Frequency Range (Hz)	50-60 Hz (+/- 10%)			
	120V	277V	120V	277V
Input Current Max (A) Per Driver	0.52	0.23	0.83	0.36
THD @ Full Load	<10%	<20%	<10%	<20%
Power Factor @ Full Load	>85%	>85%	>87%	>89%
Inrush Current (Apk, T@50% of Apk) Per Driver	1.33, 57µs	2.66, 46µs	37.4, 150µs	84.7, 160µs
Power Factor @ Full Load	>0.9			
Output				
Output Voltage (VDC)	10-55VDC			
Output Current (mA) Per Driver	400-1400mA (1mA step)		<5% @ 2300mA	
Output Current Ripple	<20% @ 1400mA		<5% @ 2300mA	
Max. Output power (W) Per Driver	50W		85W	
Over Temp. Protection	Foldback to 50% @105°C			
Dimming Control 0-10v	10%			
LED Power Up Time	<1sec			
Load Regulation	<5%			
Line Regulation	<5%			
Over Voltage Protection	Yes, non-latching			
Over Load Protection	Yes, non-latching			
Output Short-Circuit Protection	Yes, non-latching			
Aux Output Voltage	10/20/24 VDC			
Aux Voltage Current Max	40ma			

ENVIRONMENTAL SPECS	50W	85W
Ambient Range	-30°C to 50°C	-40°C to 55°C
Frequency Range (Hz)	85°C (50kHrs) ³	85°C (50kHrs) ³
	90°C max. (30kHrs)	90°C max. (30kHrs)
EFT		IEC61000-4-4, Level 3
Transient Protection		ANSI C82.77-5-2015 (6kV) ²
	NEMA SSL 1-2010 (2.5kV)	NEMA SSL 1-2010 (2.5kV)
Max. Storage Temp.	70°C	
Max. Relative Humidity	85% non-condensing	
EMI Compliance	FCC Part 15 Class A	
Sound Rating	Class A	