



MODEL:		TYPE
PROJECT:		
PREPARED BY:	DATE:	



## SLWLED SERIES

The SLWLED wide strip series is suitable for general purpose lighting in a wide variety of environments, such as commercial, industrial, retail or warehouse lighting applications.



## FEATURES AND SPECIFICATIONS

### INTENDED USE:

The SLWLED wide strip series is suitable for general purpose lighting in a wide variety of environments, such as commercial, industrial, retail or warehouse lighting applications.

### CONSTRUCTION:

The body is constructed of 24 gauge, made in USA commercial grade steel with hot dip galvanized finish (6.5µm on both sides).

**Finish:** Paint after fabrication (PAF) of galvanized body adds high resistance to rust over its lifetime.

### 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 SLWLED delivers up to 143 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. Wireless networking: EnOcean, Zigbee or EnOcean wireless technologies create a network to ensure communication between fixtures, sensors and wall stations facility-wide. This option provides superior lighting management capabilities including granular control, configuration and custom grouping for increased energy savings. Consult factory for dim to off, auxiliary power 12/20/24Vdc and 0-10V step dimming to programmable levels.

### INSTALLATION:

Drivers and internal components are accessible from the floor in standard products. LED boards include plug-in connectors for future upgrades. Damp location listed. End caps can be used to join strips from end to end for continuous row mounting on non lensed versions. This fixture may be suspended via optional cable hanging kit or surface mounted on surfaces such as ceilings and walls. This fixture has numerous knockouts for easy installation.

### 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. 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](http://www.designlights.org/QPL) to confirm which versions are qualified.

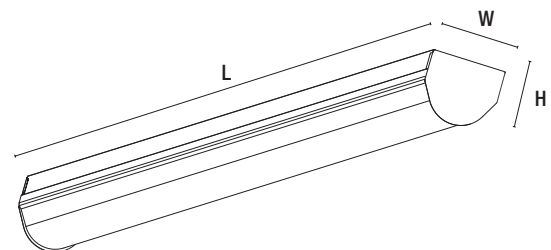
### WARRANTY:

5-year limited warranty. Complete warranty terms located at: [www.tamliteusa.com/CustomResources/Terms\\_and\\_conditions.asp](http://www.tamliteusa.com/CustomResources/Terms_and_conditions.asp)

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

DIMENSION	L	W	H
2FT	24"	4.5"	3.875"
4FT	48"	4.5"	3.875"
8FT	96"	4.5"	3.875"



## ORDERING INFORMATION

SLWLED							
SERIES	SIZE	LUMENS & NO. OF DRIVERS	LENS*	CRI	COLOR TEMP	OPTIONS	EMERGENCY
SLWLED	[2] : 2' [4] : 4' [8] : 8'	2' [-30D1] : 3000 Lumens [-40D1] : 4000 Lumens [-50D1] : 5000 Lumens [-60D1] : 6000 Lumens 4' [-30D1] : 3000 Lumens [-40D1] : 4000 Lumens [-50D1] : 5000 Lumens [-60D1] : 6000 Lumens [-70D1] : 7000 Lumens [-80D1] : 8000 Lumens [-90D1] : 9000 Lumens [-100D1] : 10000 Lumens 8' [-30D1] : 3000 Lumens [-40D1] : 4000 Lumens [-50D1] : 5000 Lumens [-60D1] : 6000 Lumens [-70D1] : 7000 Lumens [-80D1] : 8000 Lumens [-90D2] : 9000 Lumens [-100D2] : 10000 Lumens [-120D2] : 12000 Lumens [-150D2] : 15000 Lumens	[BLANK] : No Lens [01] : Opaque Lens	[L8] : CRI±80	[40] : 4000K [50] : 5000K	[W6-3]:Flex Wip-6' 3 Wire [W6-3DIM]:Flex Wip-6' 3 Wire Dim [W6-4]:Flex Wip-6' 4 Wire 2 Cir [W6-4DIM]:Flex Wip-6' 4 Wire 2 Cir Dim [W10-3]:Flex Wip-10' 3 Wire [W10-3DIM]:Flex Wip-10' 3 Wire Dim [WC4]:Cord-4'SJ 3 Wire [WC6]:Cord-6'SJ 3 Wire [WC6-515]:Cord-6'SJ-515 Plug [WC6-L515]:Cord-6'SJ-L515 Locking Plug [WC6-L715]:Cord-6'SJ-L715 Locking Plug [WC6-L720]:Cord-6'SJ-L720 Locking Plug [WC10]:Cord-10'SJ 3 Wire [XE1] : Encelium CLM-DIM [XE2] : Encelium WALC 20a [XE3] : Encelium WALC-DR 20a [XE4] : Encelium WCM 4.5a [XE5] : Encelium WCM-DR 4.5a [XM1] : Wireless EnOcean	[B5] : 500 Lum Backup [B10] : 1000 Lum Backup [B15] : 1500 Lum Backup

\*Lens options may affect lumen output.

\*\*\*LC-WL-M wireless node by Magnum. Compatible with Magnum VEnergy based in EnOcean® communication protocol.

\*\*CLM, WALC & WCM wireless modules by Osram Encelium. Compatible with any LMS that are based in Zigbee® communication protocol. (e.g. ENCELIUM® Systems by Osram & ControlScope® by Daintree Networks Lighting Management Systems.)

## PERFORMANCE SPECIFICATIONS

Series	Lumen Package	Lumens @ 4000K	LPW @ 4000K	Lumens @ 5000K	LPW @ 5000K	Max Watt-age	Amps @ 120V	Amps @ 277V
SLWLED4-30D1	3000	3144	117.09	3122	116.36	26.85	0.22	0.1
SLWLED4-40D1	4000	3950	110.52	3959	110.77	35.74	0.3	0.13
SLWLED4-50D1	5000	5279	119.57	5215	118.25	44.15	0.37	0.16
SLWLED4-60D1	6000	6538	113.55	6459	112.45	57.58	0.48	0.21
SLWLED4-70D1	7000	7306	113.55	7290	113.34	64.34	0.54	0.23
SLWLED4-80D1	8000	8291	109.41	8254	108.86	75.82	0.63	0.27
SLWLED4-90D1	9000	9318	102.06	9152	100.35	91.3	0.76	0.33
SLWLED4-100D1	10000	10961	106.73	11098	108.17	102.7	0.86	0.37
SLWLED4-120D2	12000	13735	109.01	13648	107.97	126.4	1.05	0.46

Series	Lumen Package	Lumens @ 4000K	LPW @ 4000K	Lumens @ 5000K	LPW @ 5000K	Max Wattage	Amps @ 120V	Amps @ 277V
SLWLED4-30D1 No Lens	3000	2946	143.92	2870	141.8	20.47	0.17	0.07
SLWLED4-40D1 No Lens	4000	3849	139.46	3760	137.88	27.6	0.23	0.1
SLWLED4-50D1 No Lens	5000	4639	134.11	4530	132.84	34.59	0.29	0.12
SLWLED4-60D1 No Lens	6000	5327	128.89	5225	127.91	41.33	0.34	0.15
SLWLED4-70D1 No Lens	7000	6763	141.54	6562	138.67	47.78	0.4	0.17
SLWLED4-80D1 No Lens	8000	7678	136.18	7474	134.11	56.38	0.47	0.2
SLWLED4-90D1 No Lens	9000	8342	134.85	8270	133.71	61.86	0.52	0.22
SLWLED4-100D1 No Lens	10000	9196	131.22	9215	130.91	70.39	0.59	0.25
SLWLED4-120D2 No Lens	12000	12351	137.58	11960	133.33	89.77	0.75	0.32
SLWLED4-150D2 No Lens	15000	14426	122.36	14236	120.85	117.9	0.98	0.43
SLWLED4-175D2 No Lens	17500	17508	134.68	17358	133.32	130.2	1.09	0.47

GENERAL DRIVER INFORMATION				
Type	Constant Current, Class 2			
ELECTRICAL SPECIFICATIONS	50W		85W	
Input				
Input Voltage (VAC)	120V-277V (+/- 10%)			
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%
Efficiency @ 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)		700-2300mA (1mA step)	
Output Ripple Current	<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 SPECIFICATIONS	50W	85W
Ambient Range	-30°C to 50°C	-40°C to 55°C
Frequency Range (Hz)	85°C (50kHrs) <sup>3</sup> 90°C max. (30kHrs)	85°C (50kHrs) <sup>3</sup> 90°C max. (30kHrs)
EFT		IEC61000-4-4, Level 3
Transient Protection	ANSI C82.77-5-2015 (6kV) <sup>2</sup>	
Max. Storage Temp.	NEMA SSL 1-2010 (2.5kV)	
Max. Relative Humidity	70°C	
EMi Compliance	85% non-condensing	
Sound Rating	FCC Part 15 Class A	
	Class A	

**CONTROLS****MAGNUM WIRELESS CONTROLS****Wireless 0-10v Node  
(LC-WC-M-11647)**

The LC-WL-M 11647 Lighting Control Node in fixture responds to a variety of wireless EnOcean devices to control and dim LED drivers offers on/off control when combined with a wireless light switch or automatic shut-off when combined with a wireless occupancy sensor.

**Wireless Relay  
(LC-WC-M-11610)**

The LC-WL-M 11610 Lighting Control Relay for up to 20 amp circuits responds to a variety of wireless EnOcean devices to control and dim LED drivers offers on/off control when combined with a wireless light switch or automatic shut-off when combined with a wireless occupancy sensor.

**SOLD SEPARATELY.**

**OSRAM ENCELIUM INTEGRATED WIRELESS CONTROLS****Fixture-Integrated Connected Lighting Module (CLM)**

Provides an interface between a luminaire and the ENCELIUM EDGE Controller enabling individually-addressable switching and dimming of a luminaire.

Switches or dims industry-standard 0-10v dimming ballasts or LED Drivers.

Connected Lighting Module DIM (CLM-DIM) - Integrate the CLM-DIM directly in TamLite Fixtures to connect directly to OSRAM ENCELIUM® Lighting Management System. Individually addressable, the CLM-DIM enables each luminaire to be independently controlled and configured to wirelessly turn fixtures ON or OFF and DIM via ZigBee® standards.

**Wireless Lighting Control (WCM) Module**

Provides an interface between a luminaire and the ENCELIUM EDGE and the ENCELIUM Green Buss II Communication Networks.

Allows luminaires and occupancy sensors to communicate via Zigbee based standards. Individually addressable the WCM enables each ballast or LED driver to be independently controlled and configured.

OSRAM Wireless Control Module (WCM) - Include the WCM in TamLite fixtures to enable each LED driver to be independently controlled and configured via OSRAM ENCELIUM®. The WCM devices are Damp-Rated and enables luminaires to be turned ON or OFF via a relay contained in the module as well as delivers a low voltage dimming signal to any 0-10V dimming driver.

**Wireless Area Lighting Control (WALC) Module**

Provides an interface between a group or zone of luminaires and the ENCELIUM EDGE Controller enabling group or zone-based control of multiple luminaires.

Replaces the need for standard power relays or switch packs.  
**SOLD SEPARATELY.**

OSRAM Wireless Area Lighting Control Module (WALC) - Include the WALC in your next project with TamLite to allow a group of luminaires to communicate with OSRAM ENCELIUM® over a mesh network based on ZigBee® standards. The WALC is Damp-Rated and individually addressable devices that can switch an electrical load up to 20A or a wired zone of multiple luminaires ON or OFF via an integrated high current relay while setting the zone's overall light level with a 0-10V dimming output wired to the luminaires' LED drivers.

OSRAM Integrated Components - Future-proof and flexible options to connect TamLite fixtures to OSRAM ENCELIUM® Lighting Management System

OSRAM ENCELIUM® Compatible Hardware

To get the most value from TamLite smart fixtures, we recommend OSRAM ENCELIUM®, the industry's leading Light Management System. ENCELIUM® brings together the hardware, software you need to control your entire lighting system, all from a single control pane. The Polaris 3D® software is the core element of the ENCELIUM Networked Light Management System. It facilitates the commissioning, usage, and data analysis of the lighting installation.

Learn more what OSRAM ENCELIUM can do for you at [www.osram.us/encelium](http://www.osram.us/encelium)

OSRAM and Logo are registered trademarks of OSRAM GmbH. ENCELIUM® is a registered trademark of OSRAM SYLVANIA Inc.