



T1-SLED Series

LED Strip



DESCRIPTION

The small size of the T1-SLED makes it an ideal choice for size restricted architectural applications. The T1-SLED series can be the illumination solution in commercial, industrial, retail and residential applications. Fixture can be used in storage / utility areas, coves, display cases, shops, task and general area lighting.

Specification Features

Construction

Durable post painted steel housing with white gloss finish and optional Frosted Polycarbonate lens.

Applications

Warehouses, Retail, Offices, etc.

Mounting

Surface mount or pendant mount with aircraft cable option.

Certification

DLC Premium, UL Listed. All components have UL certification.

Protection Grade IP20.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	> 130 LPW
CRI	> 80
Available CCT	4000K, 5000K
Color Consistency	5-step MacAdam Ellipse
Rated Life	> 50,000 hours
Ambient Temp.	-20°C to 50°C
Power Factor	> 0.92
THD	< 20%
Dimming	0-10V Continuous (10-100%)

Ordering Options

Example: T1-SLED436-50

T1-SLED	4	36	- 50	[Blank]	[Blank]
Series	Form Factor	Rated Wattage	Color Temp	Lens Difuser	Dimming
T1-SLED	4 4' 8 8'	4' 24 24W 36 36W 8' 48 48W 72 72W	40 4000K 50 5000K	Blank Frosted	Blank 0-10V

Options

Emergency Backup

EM
ST Step-down Transformer
347-480V

Controls

OS Occupancy Sensor
OSDL Occ. Sensor w/
Daylight

Accessories

AC Aircraft cable suspension kit
CRD Cord



Talk to one of our LED consultants today!
(800) 426-3938 • (319) 653 3198

info@sitlersupplies.com
www.sitlersledsupplies.com





Performance Data

T1-SLED

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	4000K		5000K	
				Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	4'	T1-SLED424	24	3,309.6	137.9	3,324	138.5
		T1-SLED436	36	4,712.4	130.9	4,741.2	131.7
	8'	T1-SLED848	48	6,619.2	137.9	6,638.4	138.3
		T1-SLED872	72	9,424.8	130.9	9,475.2	131.6

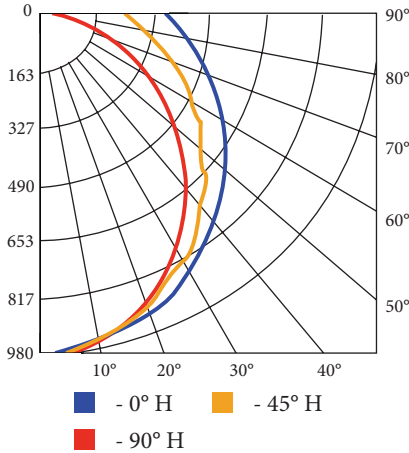


Photometric Data

T1-SLED4/36-40

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%



RCC%:	80				70				50		
RW%:	70	50	30	0	70	50	30	0	50	30	20
RCR: 0	.90	.90	.90	.90	.88	.88	.88	.75	.84	.84	.84
1	.80	.75	.71	.67	.77	.73	.69	.59	.70	.67	.64
2	.72	.64	.58	.53	.69	.63	.57	.48	.60	.55	.51
3	.65	.56	.49	.43	.63	.55	.48	.40	.52	.47	.42
4	.59	.49	.42	.36	.57	.48	.41	.34	.46	.40	.35
5	.54	.44	.36	.31	.53	.43	.36	.29	.41	.35	.30
6	.50	.39	.32	.27	.49	.39	.32	.26	.37	.31	.26
7	.46	.36	.29	.24	.45	.35	.28	.23	.34	.28	.23
8	.43	.32	.26	.21	.42	.32	.25	.20	.31	.25	.21
9	.40	.30	.23	.19	.39	.29	.23	.18	.28	.23	.19
10	.38	.27	.21	.17	.37	.27	.21	.17	.26	.21	.17

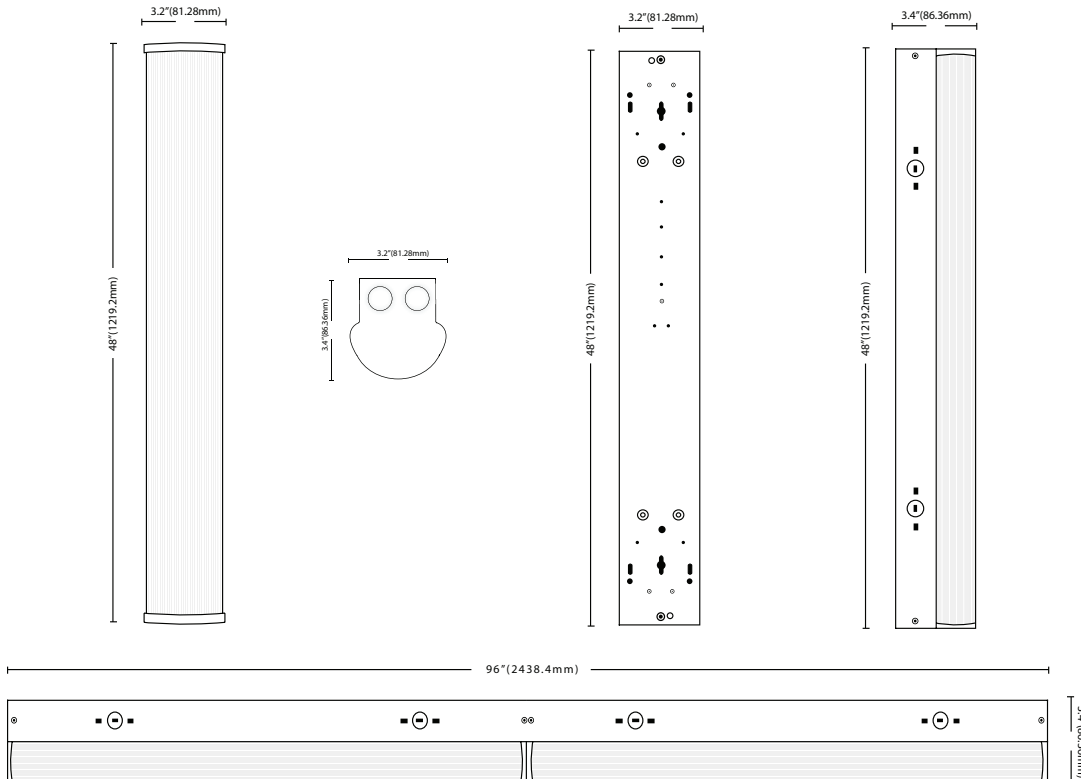
Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	748.0	17.2%	22.8%
0-40	1,230.4	28.3%	37.5%
0-60	2,237.2	51.4%	68.2%
60-90	1,043.9	24%	31.8%
0-90	3,281.1	75.4%	100%



Dimensions

T1-SLED4 / SLED8





T1-WALED4

DESCRIPTION

The T1-WALED series provide uniformed bright light distribution and energy savings. These LED wrap around fixtures are optimal solutions for parking garages, workshops, kitchens, offices, hallways and stairways. The T1-WALED series are designed with high efficacy LED engines to get the most energy savings compared to fluorescent fixtures.

Specification Features

Construction

Durable post painted steel housing with white gloss finish and Acrylic Prismatic lens.

Applications

Parking garage, stairwells, hallways, etc.

Mounting

Surface mounted and suitable for continuous runs.

Certification

DLC, UL Listed. All components have UL certification. Protection Grade IP20.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	> 108 LPW
CRI	> 80
Available CCT	3500K, 4000K, 5000K
Color Consistency	5-step MacAdam Ellipse
Rated Life	> 50,000 hours
Ambient Temp.	-20°C to 50°C
Power Factor	> 0.92
THD	< 20%
Dimming	0-10V Continuous (10-100%)

Ordering Options

Example: T1-WALED440-40

T1-WALED	4	40	- 40	[Blank]	[Blank]	Options	
Series	Form	Rated Wattage	Color Temp	Lens Difuser	Dimming	Emergency Backup	Controls
T1-WALED	2 2' 4 4'	2' 20 20W 4' 40 40W	40 4000K 50 5000K	Blank Frosted	Blank 0-10V	EM	OS Occupancy Sensor OSDL Occ. Sensor w/ Daylight



Performance Data

T1-WALED

Lens Type	Catalog No.	Rated Wattage (W)	3500K		4000K		5000K	
			Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	T1-WALED	40	4,372	109.3	4,408	110.2	4,436	110.9

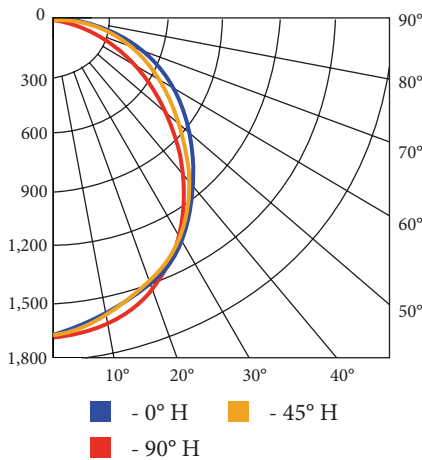


Photometric Data

T1-WALED4/40-40

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%



RCC%:	80				70				50		
RW%:	70	50	30	0	70	50	30	0	50	30	20
RCR 0	1.22	1.22	1.22	1.22	1.19	1.19	1.19	1.02	1.13	1.13	1.13
1	1.10	1.05	1.00	.96	1.07	1.03	.98	.85	.98	.95	.91
2	1.00	.91	.84	.78	.97	.89	.83	.71	.86	.80	.75
3	.91	.80	.72	.65	.89	.79	.71	.60	.76	.69	.63
4	.84	.71	.62	.55	.81	.70	.61	.52	.67	.60	.54
5	.77	.64	.55	.48	.75	.63	.54	.46	.60	.53	.47
6	.71	.58	.48	.42	.69	.57	.48	.40	.55	.47	.41
7	.66	.52	.43	.37	.64	.51	.43	.36	.50	.42	.37
8	.62	.48	.39	.33	.60	.47	.39	.32	.46	.38	.33
9	.58	.44	.36	.30	.56	.43	.35	.29	.42	.35	.30
10	.54	.41	.33	.27	.53	.40	.32	.27	.39	.32	.27

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	1,235.7	28.8%	28.2%
0-40	1,978.9	46.1%	45.2%
0-60	3,360.6	78.3%	76.7%
60-90	1,022.2	23.8%	23.3%
0-90	4,383.1	102.1%	100%



Dimensions

T1-WALED

