



T1-BLED Slim Series
LED Slim Center Basket



DESCRIPTION

The T1-BLED Center Basket series offers the latest technology in LED modules and dimmable drivers (0 - 10V dimming). The fixtures' modern design and easy installation make it a great lighting option for any commercial application. These models incorporate a center basket polycarbonate shade, which prevents direct eye contact with the LED modules and provides an even light source. Our T1-BLED Basket series models are available in 2' x 2', and 2' x 4' frames and also feature multiple lumen output options. Our T1-BLED Center Basket models are UL listed, DLC listed and FCC certified.

Specification Features

Construction

Durable post painted steel housing with white matte finish and Polycarbonate lens.

Applications

Retail, Offices, etc.

Mounting

Grid ceiling mounted. The edge design provides mounting into standard 1" and 9/16" tee bars or screw slot grids.

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	> 113 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-BLED24/B/40-50

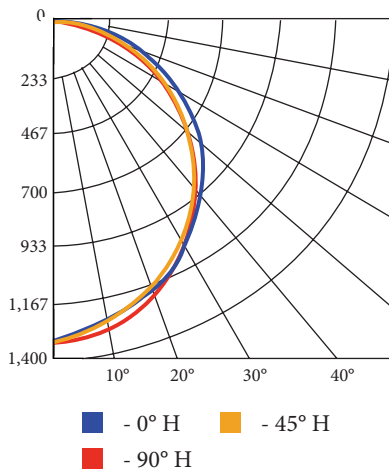
T1-BLED	24 / B	/ 40	- 50	[Blank]	[Blank]	Options
Series	Form Factor	Rated Wattage	Color Temp	Lens Difuser	Dimming	Emergency Backup
T1-BLED	22 2x2 24 2x4	2x2 24 24W 36 36W 2x4 40 40W 50 50W	35 3500K 40 4000K 50 5000K	Blank Frosted	Blank 0-10V	EM Accessories MS Microwave Sensor



Performance Data T1-BLED22/B

Lens Type	Form Factor	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	2x2	T1-BLED22/B	24	2,717	113.2	2,717	113.2	2,717	113.2
		T1-BLED22/B	36	4,075	113.2	4,075	113.2	4,075	113.2

Photometric Data T1-BLED22/B/36-50



Coefficients of Utilization - Zonal Cavity Method

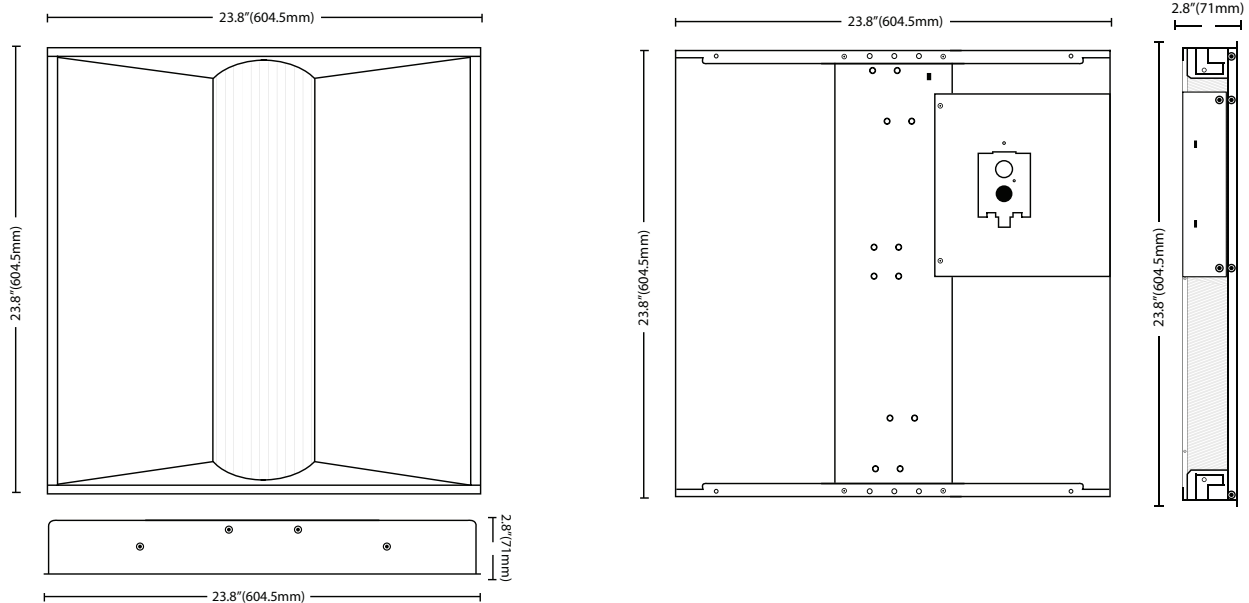
Effective Floor Cavity Reflectance: 20%

RCC%:	80				70				50		
RW%:	70	50	30	0	70	50	30	0	50	30	20
RCR: 0	1.04	1.04	1.04	1.04	1.01	1.01	1.01	.87	.97	.97	.97
1	.94	.89	.85	.81	.91	.87	.83	.71	.83	.80	.77
2	.85	.77	.70	.65	.82	.75	.69	.59	.72	.67	.63
3	.77	.67	.60	.54	.75	.66	.59	.50	.63	.57	.52
4	.70	.59	.51	.45	.68	.58	.51	.43	.56	.49	.44
5	.65	.53	.45	.39	.63	.52	.44	.37	.50	.43	.38
6	.60	.48	.39	.34	.58	.47	.39	.32	.45	.38	.33
7	.55	.43	.35	.30	.54	.42	.35	.29	.41	.34	.29
8	.51	.39	.32	.26	.50	.39	.31	.26	.37	.31	.26
9	.48	.36	.29	.24	.47	.35	.28	.23	.34	.28	.24
10	.45	.33	.26	.22	.44	.33	.26	.21	.32	.26	.21

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	1,021.5	22.1%	25.4%
0-40	1,673.7	36.2%	41.6%
0-60	2,993.7	64.7%	74.4%
60-90	1,031.3	22.3%	25.6%
0-90	4,025.0	87%	100%

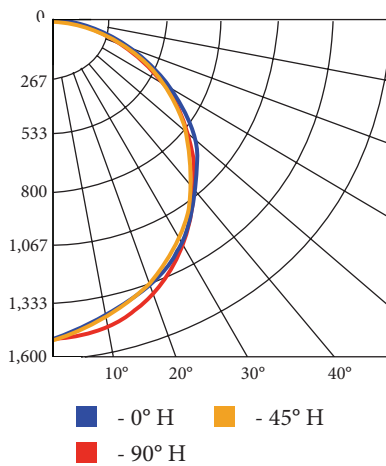
Dimensions T1-BLED22/B



Performance Data T1-BLED24/B

Lens Type	Form Factor	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	2x4	T1-BLED24/B	40	4,950	123.8	4,950	123.8	4,950	123.8
		T1-BLED24/B	50	6,125	122.5	6,125	122.5	6,125	122.5

Photometric Data T1-BLED24/B/40-50



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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11
1	1.07	1.02	.97	.93	1.05	1.00	.95	.82	.95	.92	.89
2	.97	.88	.81	.75	.94	.86	.80	.68	.83	.77	.72
3	.88	.77	.68	.61	.86	.75	.67	.57	.72	.65	.60
4	.81	.68	.59	.52	.78	.67	.58	.49	.64	.57	.51
5	.74	.61	.51	.44	.72	.59	.51	.42	.57	.50	.44
6	.68	.54	.45	.39	.66	.54	.45	.37	.52	.44	.38
7	.63	.49	.40	.34	.62	.49	.40	.33	.47	.39	.34
8	.59	.45	.36	.30	.57	.44	.36	.29	.42	.35	.30
9	.55	.41	.33	.27	.54	.41	.33	.27	.39	.32	.27
10	.52	.38	.30	.25	.50	.38	.30	.24	.36	.29	.24

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	1,166.5	25.2%	25.2%
0-40	1,913.5	41.4%	41.4%
0-60	3,430.8	74.2%	74.2%
60-90	1,194.9	25.8%	25.8%
0-90	4,625.8	100%	100%

Dimensions T1-BLED24/B

