

T1-BLEDRTFK Series

LED Center Basket Retrofit



T1-BLEDRTFK24

DESCRIPTION

The T1-BLEDRTFKRTFK series features the latest addition of our center basket retrofit kits to our commercial line of products. These retrofit kits are perfect for upgrading an existing Prismatic or Parabolic troffer and provide an aesthetically pleasing even light source with its' polycarbonate center basket shade. Engineered for easy installation, these retrofit kits can be installed in a matter of minutes. Our T1-BLEDRTFKRTFK series are available in 2'x2' and 2'x4' with multiple lumen output options.



Specification Features

Construction

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

Applications

Retail, Offices, etc.

Mounting

Installed in most standard 2x2 or 2x4 recessed prismatic or parabolic troffers.

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	> 110 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-BLEDRTFK24/40-50

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

T1-BLEDRTFK Series

LED Center Basket Retrofit



Performance Data

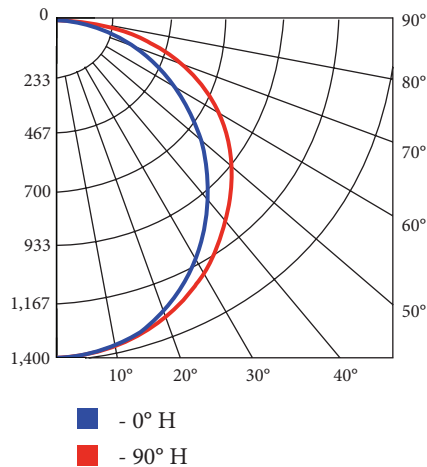
T1-BLEDRTFK22

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-BLEDRTFK22	36	3,960	110	3,960	110	3,960	110



Photometric Data

T1-BLEDRTFK22/36-40



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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	
1	1.08	1.03	.99	.94	1.05	1.01	.97	.83	.96	.93	.87	
2	.98	.89	.82	.79	.95	.87	.81	.69	.84	.78	.73	
3	.89	.78	.70	.63	.86	.76	.69	.58	.73	.67	.61	
4	.81	.69	.60	.53	.79	.68	.59	.50	.65	.58	.52	
5	.75	.61	.52	.45	.72	.60	.52	.43	.58	.50	.45	
6	.69	.55	.46	.39	.67	.54	.46	.38	.52	.45	.39	
7	.64	.50	.41	.35	.62	.49	.41	.34	.48	.40	.34	
8	.59	.46	.37	.31	.58	.45	.37	.30	.43	.36	.31	
9	.55	.42	.33	.28	.54	.41	.33	.27	.40	.33	.28	
10	.52	.39	.31	.25	.51	.38	.30	.25	.37	.30	.25	

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	1,079.5	25.9%	25.8%
0-40	1,767.7	42.3%	42.3%
0-60	3,163.6	75.8%	75.8%
60-90	1,001.3	24%	24%
0-90	4,737.4	100%	100%



Dimensions

T1-BLEDRTFK22

