



Job Name:	Catalog Number:	Type:
Distributor:	Prepared by: _____	
	Date: _____	



DESCRIPTION

The T1-PBLEDRTFK series features the latest addition of our premium center basket retrofit kits to our commercial line of products. These premium 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-PBLEDRTFK series are available in 2'x2' and 2'x4' with multiple lumen output options.

SPECIFICATION FEATURES

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

Applications
Ideal solution for offices, retail, etc.

Construction
Durable post painted steel housing with white matte finish and polycarbonate lenses

Certification
DLC Premium and UL listed. All components have UL certification. Protection Grade IP20

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

Input Voltage	120V-277V
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	See Performance Data
CRI	> 80
Available CCT	3500K, 4000K, 5000K
Color Consistency	5-step MacAdam Ellipse
Ambient Temp	-20°C to 50°C
Power Factor	> 0.92
THD	< 20%
Dimming	0-10V

ORDERING OPTIONS [Example shown: T1-PBLEDRTFK22/B/19-35-EM]

SERIES	FORM FACTOR	RATED WATTAGE	COLOR TEMP	LENS DIFFUSER	DIMMING	CONTROLS
T1-PBLEDRTFK	22	/B/ 19	- 35			- EM
	22 - 2' x 2' 24 - 2' x 4'	2x2 19 - 19W 29 - 29W 2x4 39 - 39W	35 - 3500K 40 - 4000K 50 - 5000K	[Blank] - Frosted	[Blank] - 0-10V	MS - Step dimming microwave motion sensor DL - Daylight harvesting sensor EM - Emergency battery backup, 90 mins.



T1-PBLEDRTFK22/B/19
T1-PBLEDRTFK22/B/29



T1-PBLEDRTFK24/B/39



LED Premium Center Baskets Retro Fit

T1-PBLEDRTFK22/B/19

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-PBLEDRTFK22/B/19-35	19W	126	2400
T1-PBLEDRTFK22/B/19-40	19W	126	2402
T1-PBLEDRTFK22/B/19-50	19W	127	2405



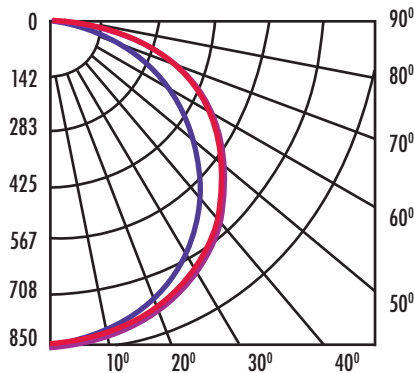
T1-PBLEDRTFK22/B/19 - 23.9" x 23.7" x 2.8"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	648.2	25.8	25.8
0-40	1,061.0	42.2	42.2
0-60	1,898.3	75.4	75.4
60-90	612.9	24.4	24.4
70-100	281.7	11.2	11.2
90-120	2.4	0.1	0.1
0-90	2,511.3	99.8	99.8
90-180	5.6	0.2	0.2
0-180	2,516.9	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	79.3	3.1	90-100	1.1	0
10-20	226.5	9.0	100-110	0.5	0
20-30	342.4	13.6	110-120	0.8	0
30-40	412.9	16.4	120-130	0.8	0
40-50	432.7	17.2	130-140	0.8	0
50-60	404.7	16.1	140-150	0.7	0
60-70	332.4	13.2	150-160	0.5	0
70-80	214.3	8.5	160-170	0.3	0
80-90	66.3	2.6	170-180	0.1	0



■ 0° H ■ 90° H ■ Max Cd: 70° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	98.6	2,480.0	168.9	159.1
Beam (50%):	73.3	1,844.0	127.5	106.2
Total:	100	2,516.7		

T-1 Lighting, Inc., 9929 Pioneer Boulevard, Santa Fe Springs, CA 90670 626-234-2328

www.t1-lighting.com

sales@t1-lighting.com



LED Premium Center Baskets Retro Fit

T1-PBLEDRTFK22/B/29

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-PBLEDRTFK22/B/29-35	29W	129	3732
T1-PBLEDRTFK22/B/29-40	29W	130	3738
T1-PBLEDRTFK22/B/29-50	29W	129	3747



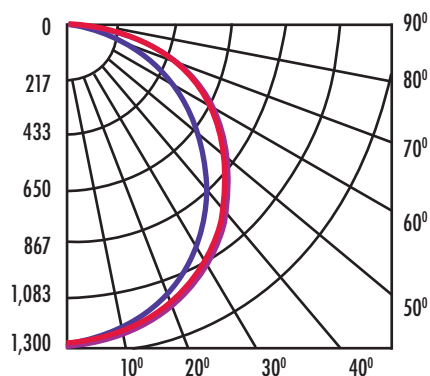
T1-PBLEDRTFK22/B/29 - 23.9" x 23.7" x 2.8"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	977.6	25.8	25.8
0-40	1,601.2	42.3	42.3
0-60	2,867.8	75.7	75.7
60-90	911.3	24.1	24.1
70-100	411.2	10.9	10.9
90-120	3.5	0.1	0.1
0-90	3,779.2	99.8	99.8
90-180	9.0	0.2	0.2
0-180	3,788.1	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	119.4	3.2	90-100	1.2	0
10-20	341.5	9.0	100-110	0.9	0
20-30	516.7	13.6	110-120	1.4	0
30-40	623.6	16.5	120-130	1.4	0
40-50	654.2	17.3	130-140	1.3	0
50-60	612.4	16.2	140-150	1.2	0
60-70	501.3	13.2	150-160	0.9	0
70-80	318.8	8.4	160-170	0.5	0
80-90	91.2	2.4	170-180	0.2	0



■ 0° H ■ 90° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	98.6	3,732.8	167.8	158.2
Beam (50%):	73.6	2,787.9	127.6	106.2
Total:	100	3,787.9		

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T1-PBLEDRTFK24/B/39

Catalog number	Rated Wattage	Efficacy	Delivered Lumens
T1-PBLEDRTFK24/B/39-35	39W	133	5176
T1-PBLEDRTFK24/B/39-40	39W	133	5191
T1-PBLEDRTFK24/B/39-50	39W	133	5199



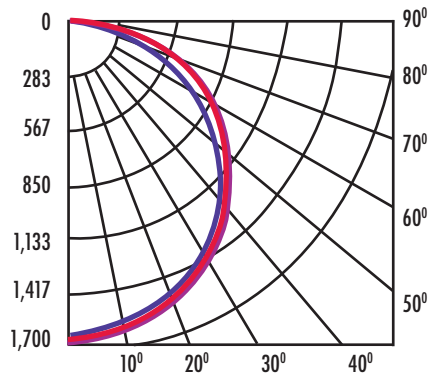
T1-PBLEDRTFK24/B/39 -47.9" x 23.1" x 2.7"

ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	1,284.2	25.2	25.2
0-40	2,115.4	41.5	41.5
0-60	3,825.1	75.1	75.1
60-90	1,255.0	24.6	24.6
70-100	576.0	11.3	11.3
90-120	7.6	0.1	0.1
0-90	5,080.1	99.7	99.7
90-180	15.8	0.3	0.3
0-180	5,095.9	100	100

LUMENS PER ZONE

Zone	Lumens	%Total	Zone	Lumens	%Total
0-10	155.5	3.1	90-100	2.6	0.1
10-20	446.8	8.8	100-110	2.2	0
30-40	681.8	13.4	110-120	2.7	0.1
40-50	831.3	16.3	120-130	2.6	0.1
50-60	880.6	17.3	130-140	2.1	0
60-70	829.1	16.3	140-150	1.6	0
70-80	681.7	13.4	150-160	1.0	0
80-90	439.3	8.6	160-170	0.7	0
90-100	134.1	2.6	170-180	0.2	0



■ 0° H ■ 90° H ■ Max Cd: 50° H

FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	98.6	5,023.2	167.8	160.0
Beam (50%):	74.7	3,807.8	126.4	111.3
Total:	100	5,095.4		

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