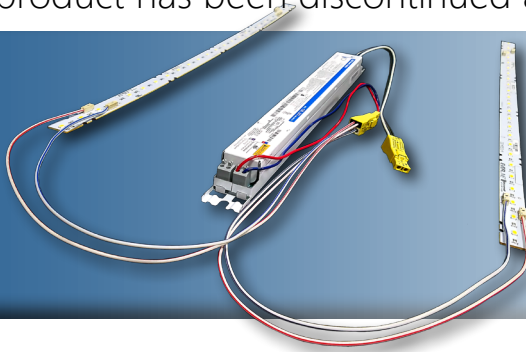


Note: This product has been discontinued and replaced with the RLK G2.



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

RLK T22 | LED Board/Driver 2x2 Prismatic Retrofit Kit

Features:

- High performance, long life LED technology
- 0-10V dimming drivers standard
- Up to over 135 lumens per watt
- Pre-wired components and driver quick-disconnect allows for quick and easy installation, saving on labor costs
- A wide variety of lumen packages allows for flexibility in design and helps maximize energy savings

Applications:

For use in most existing 2x2 prismatic troffer & surface box luminaires. For dry/indoor use only.

Note: Contractor/engineer must ensure proper fit in existing luminaire housing.

Predicted L70 Lifetime:

- L90 > 60,000hrs (reported)
- L70 > 200,000hrs (calculated)
- 92.1% lumen maint. @ 60,000 hrs (based on LM-80, TM-21 and in-situ laboratory testing)

Ambient Operating Temp:

- -30°C to 40°C

Construction:

- Pre-wired boards and 0-10V driver
- Kit comes with (2) 2' LED boards wired for (2) 2' rows of LEDs
- Magnetic fasteners come standard and allow for easy application and adjustment of boards onto existing housing

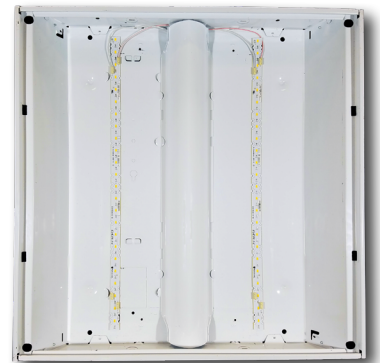
Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations



Warranty:

- 5 year limited system warranty
- See www.LumenFocus.com for complete warranty terms and conditions



Ordering Guide:

example: RLK T22 2 LW UV 835 BAA

Series	Type	# of Rows	Output	Voltage	Shielding	CRI/CCT	Options
RLK	T22	2		UV			
RLK	T22 2x2 Prismatic troffer/surface box kit	2 (2) 2' rows of LEDs	SL Super Low VL Very Low LW Low MD Medium HI High VH Very High	UV 120-277	Blank No Shielding FR Frosted Acrylic Diffusers	830 80 CRI/3000K 835 80 CRI/3500K 840 80 CRI/4000K 850 80 CRI/5000K	Blank No Options LVL 0-10V Dimming Leads for Easy Field Access BAA Buy American Act Compliant

Accessories (order separately)

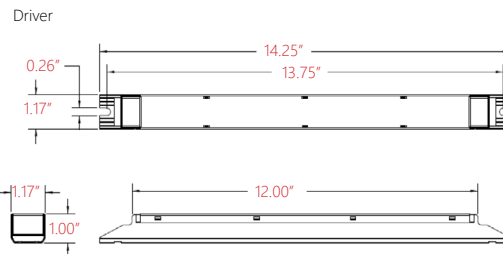
- **A12(x)** Pattern 12 Prismatic Acrylic Lens (x = specify exact dimensions)
- **PW(x)** Prismatic White Acrylic Lens (x = specify exact dimensions)
- **A23F(x)** Frosted High Efficiency Pattern 23 Prismatic Acrylic Lens (x = specify exact dimensions)



Performance Chart:

Catalog #	Watts	Nominal Lumens (3000K)	LPW (3000K)	Nominal Lumens (3500K)	LPW (3500K)	Nominal Lumens (4000K)	LPW (4000K)	Nominal Lumens (5000K)	LPW (5000K)
RLK T22 2 SL UV 8xx	11	1430	125.4	1436	126.0	1477	129.6	1492	130.9
RLK T22 2 VL UV 8xx	15	1807	120.5	1815	121.0	1867	124.5	1886	125.7
RLK T22 2 LW UV 8xx	20	2361	118.7	2371	119.1	2439	122.6	2464	123.8
RLK T22 2 MD UV 8xx	25	3218	128.7	3231	129.3	3324	133.0	3358	134.3
RLK T22 2 HI UV 8xx	27	3485	129.1	3500	129.6	3600	133.4	3636	134.7
RLK T22 2 VH UV 8xx	32	4180	130.6	4197	131.2	4318	134.9	4361	136.3

Schematic:

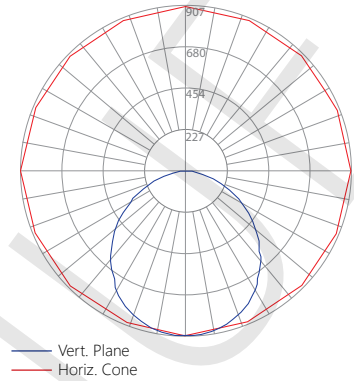


Photometric Data:

RLK T22 2 LW UV 830

Test No.: LLIA000933-009
 Luminaire Lumens: 2,362 lm
 Luminaire Watts: 19.9W
 Efficacy: 118.7 LPW
 Spacing Criterion (0-180): 1.26
 Spacing Criterion (90-270): 1.28

Luminance Data (cd/sq.m)			
Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2332	2424	2548
55	2268	2248	2530
65	1964	2038	1347
75	1356	967	316
85	721	506	326



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	325.91	13.80
0-30	689.88	29.20
0-40	1126.58	47.70
0-60	1983.00	84.00
0-80	2345.52	99.30
0-90	2361.52	100.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
0-180	2361.52	100.00

Coefficients Of Utilization - Zonal Cavity Method
 Effective Floor Cavity Reflectance 0.20

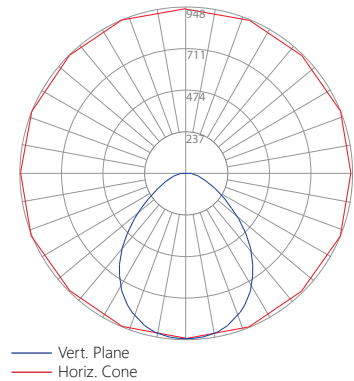
RC	80				70				50				30				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106			
1	110	105	101	98	107	103	100	96	99	96	93	95	93	90			
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76			
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65			
4	84	72	64	58	82	71	63	57	69	62	56	66	60	56			
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48			
6	71	58	50	43	70	57	49	43	56	48	43	54	47	42			
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38			
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34			
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30			
10	54	41	33	28	53	40	33	28	39	33	28	38	32	28			

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

RLK T22 2 LW UV 830 w/ A12 lens

Test No.: LLIA000933-006
 Luminaire Lumens: 2,010 lm
 Luminaire Watts: 19.9W
 Efficacy: 101.0 LPW
 Spacing Criterion (0-180): 1.18
 Spacing Criterion (90-270): 1.22

Luminance Data (cd/sq.m)			
Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2254	2252	2241
55	1640	1587	1573
65	1228	1024	1205
75	1372	955	1109
85	1710	1360	1372



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	338.81	16.90
0-30	708.81	35.30
0-40	1125.08	56.00
0-60	1733.41	86.20
0-80	1970.35	98.00
0-90	2010.44	100.00
90-120	0.05	0.00
90-130	0.05	0.00
90-150	0.05	0.00
90-180	0.05	0.00
0-180	2010.49	100.00

Coefficients Of Utilization - Zonal Cavity Method
 Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106			
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91			
2	101	94	88	82	99	92	86	81	88	84	80	85	81	78			
3	93	84	76	70	91	82	75	70	79	73	69	77	72	67			
4	86	75	67	61	84	74	66	61	71	65	60	69	64	59			
5	80	68	60	54	78	67	59	53	65	58	53	63	57	52			
6	74	62	53	48	72	61	53	47	59	52	47	57	51	47			
7	69	56	48	43	67	56	48	42	54	47	42	53	46	42			
8	65	52	44	38	63	51	44	38	50	43	38	49	42	38			
9	60	48	40	35	59	47	40	35	46	39	35	45	39	34			
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32			

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

