

Project	
Type	
Notes	
Catalog No.	
Date	

L74-RFK Series

LED Troffer Kit (PCB)

The L74-RFK Series is designed to distribute light spaciouly along both vertical and horizontal planes. This fixture is ideally suited for commercial recessed T- Bar grid.



Specifications

Applications

- Office
- Retail
- Schools
- Commercial
- Hospitals

Construction

- 22GA galvanized steel plate fabrication
- High reflective powder coating
- Frosted diffuser

Mounting

- Recessed T-Bar

Options

- Emergency battery back-up

Warranty

- Five-year warranty. Terms and Conditions Apply.
See warranty documentation for more information.

Certification

- Adheres to LM79, LM80 and TM21 industry standards
- UL Listed
- DesignLights Consortium® (DLC) qualified
- Lighting Facts
- RoHS Compliant



Catalog Ordering Example

L74-24-36W-35K-RFK

L74			
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Family Type	Dimensions/Wattage	Color Temperature	Options
L74	22- 18W (2x2 16WT/ 2,139 lms)	35K (3500 Kelvin Temp)	RFK (Retrofit Kit)
	22- 23W (2x2 23WT/ 2,969 lms)	40K (4000 Kelvin Temp)	EMR (Emergency Battery)
	22- 30W (2x2 30WT/ 3,900 lms)	50K (5000 Kelvin Temp)	
	22- 33W (2x2 33WT/ 4,158 lms)		
	24- 23W (2x4 23WT/ 2,944 lms)		
	24- 30W (2x4 30WT/ 3,810 lms)		
	24- 33W (2x4 33WT/ 4,158 lms)		
	24- 36W (2x4 36WT/ 4,791 lms)		
	24- 42W (2x4 42WT/ 5,460 lms)		
	14- 26W (1x4 26WT/ 3,276 lms)		
	14- 30W (1x4 30WT/ 3,750 lms)*		

*Not DLC Listed

Specifications and Dimensions subject to change without notice. Contact factory for updates: (909) 948-8878

Safety Warning

FOR YOUR SAFETY, READ AND FOLLOW ALL INSTRUCTIONS TO PREVENT ELECTRIC SHOCK OR FIRE

- **INSTALLATION REQUIRES KNOWLEDGE OF LIGHTING LUMINAIRE ELECTRICAL SYSTEMS**
Contact qualified electrician prior to installation.
- **DISCONNECT POWER BEFORE INSTALLATION**
- **DO NOT ALTER PRE-EXISTING HOLES OR DRILL NEW HOLES**
- **CHECK FOR INCLOSED WIRING COMPONENTS PRIOR TO DRILLING**
Luminaire wiring, ballasts, power supplies or other electrical parts may be damaged.
- **USE ONLY ON COMPATIBLE LUMINAIRES**
Installation requires specific dimensions and construction features.
- **PROTECT WIRING FROM ABRASION**
Do not expose wiring to sharp objects or edges of sheet metal.

Installation Instructions

1. Disconnect Power to the circuit supplying power to the fixture
2. Removed the existing lamps and fixture
3. Disassemble new fixture to allow access to the LED Driver
4. Run existing power supply wires into fixture through fixture knock-out or end plug on fixture
5. Mount the fixture to surface, or hang fixture with appropriate fixture mounting hardware or install fixture in T-bar Ceiling (Be sure to follow local building codes for the appropriate fixture installation methods.)
6. Connect power supply wires to supplied wire disconnect to provide power to fixture
7. Re-assemble fixture
8. Re-connect power and check installation

Technical Information

Available CCT	35K, 40K & 50K
CRI	83+
Delivered Lumens	See Performance Data
Dimming	0-10V Dimming Standard
Efficacy	125+ LPW
Input Frequency	50/60 Hz
L70	122,000
Light Source	LED Board
Power Factor	> 0.95
Power Source	LED High Efficiency Power Supply
Rated Wattage	See Performance Data
Temperature Rating	-20°C – 40°C Ambient
THD	< 20%
Voltage	120V to 277V

Application Photo



Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Tested Wattage (W)	5000K	
					Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	2'x2'	L7422-18W-50K-RFK	18	16	2,139	134
		L7422-23W-50K-RFK	23	23	2,969	129
		L7422-30W-50K-RFK	30	30	3,900	130
		L7422-33W-50K-RFK	33	33	4,158	126
	2'x4'	L7424-23W-50K-RFK	23	23	2,944	128
		L7424-30W-50K-RFK	30	30	3,810	127
		L7424-33W-50K-RFK	33	33	4,158	133
		L7424-36W-50K-RFK	36	36	4,791	133
	1'x4'	L7424-42W-50K-RFK	42	42	5,460	130
		L7414-26W-50K-RFK	26	26	3,276	126
		L7414-30W-50K-RFK	30	30	3,750	125

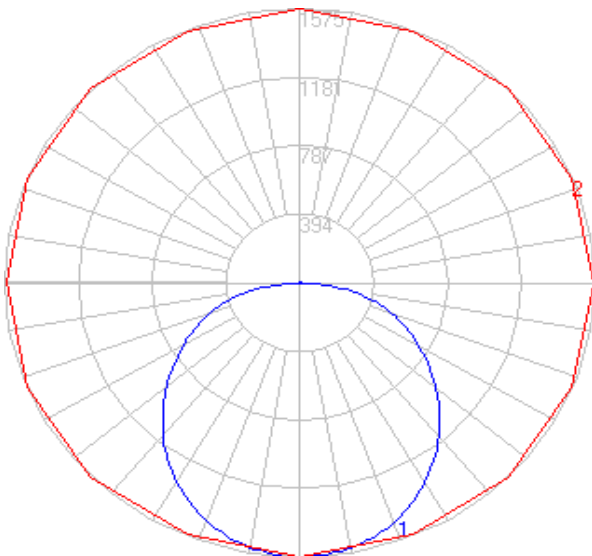
Photometric Data

L7424-36W-35K-RFK Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-10	148.69	3.16%
10-20	425.28	9.05%
20-30	642.57	13.67%
30-40	773.24	16.45%
40-50	804.56	17.12%
50-60	745.16	15.86%
60-70	612.65	13.03%
70-80	403.49	8.59%
80-90	124.34	2.65%
90-100	3.65	0.08%
100-110	3.08	0.07%
110-120	2.89	0.06%
120-130	2.66	0.06%
130-140	2.22	0.05%
140-150	1.84	0.04%
150-160	1.41	0.03%
160-170	0.99	0.02%
170-180	0.40	0.01%

Polar Graph

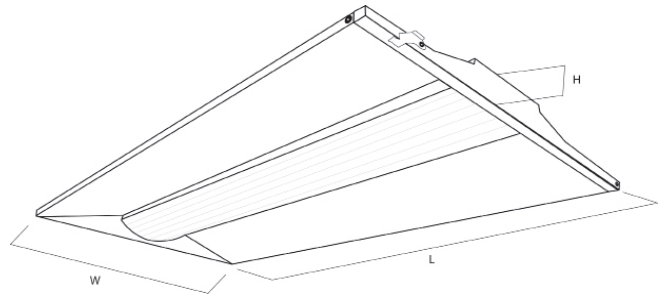


Physical Characteristics

Dimensions

Version	H	L	W
2x2	2.87"	23.87"	24.00"
2x4	2.87"	45.50"	23.00"
1x4	2.87"	45.50"	10.87"

Line Drawing



Weights

Version	Weight
2x2	12lbs
2x4	19lbs
1x4	12lbs