

Date:	Project:	Type:	Notes:	Catalog #:
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## L74-AOK-RFKW SERIES LED Troffer Kit

The L74-AOK-RFKW Series dramatically enhances existing fixture efficiencies creating substantial energy savings. Designed to open up the room and distribute light spaciouly along both the vertical and horizontal work planes. This kit is an excellent alternative to standard retrofit designs and is ideally suited for commercial recessed grids.



### Features & Specifications

#### Applications

Ideal for use in offices, retail, schools, offices, hallways, multi-purpose rooms and hospitality areas.

#### Construction

Housing made from cold rolled steel and is finished with a post-production baked white powder coat. Frosted diffuser.

#### Mounting

Recessed mount.

#### Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 50/60HZ input frequency.

#### Operating Temperature

Suitable for -20°C – 40°C Ambient

#### Lumen Maintenance

L70 rating of 122,000 hours

#### Warranty

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

#### Certification

UL Damp Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) 5.1 listed<sup>1</sup>. RoHS Compliant.



### Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L7422-30W-AOK-RFKW	2x2	20	3500	2660	133	>83
		20	4000	2680	134	>83
		20	5000	2700	134	>83
		25	3500	3250	130	>83
		25	4000	3275	131	>83
		25	5000	3300	132	>83
		30	3500	3810	127	>83
		30	4000	3840	128	>83
		30	5000	3870	129	>83
L7424-34W-AOK-RFKW	2x4	25	3500	3375	135	>83
		25	4000	3400	136	>83
		25	5000	3425	137	>83
		30	3500	3960	132	>83
		30	4000	3990	133	>83
		30	5000	4020	134	>83
		34	3500	4386	129	>83
		34	4000	4420	130	>83
		34	5000	4425	131	>83

L74				
1	2	3	4	5
1 - Series	2 - Dimensions/Wattage	3 - Type	4 - Version	
<b>L74</b>	<b>22- 30W</b> (2x2 / 20 Watt) (2x2 / 25 Watt) (2x2 / 30 Watt)  <b>24- 34W</b> (2x4 / 25 Watt) (2x4 / 30 Watt) (2x4 / 34 Watt)	<b>AOK-RFKW</b> (Adjustable Output and Kelvin Temp 35K, 40K & 50K-Retrofit Kit)	<b>S5</b> (DLC Version 5.1)	

**5- Options**

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- OS** (Occupancy Sensor)
- PRGOS-XX** (Programmable Sensor to be specified)
- AR** (Air Return)
- BAA** (Buy American Act Compliant)

**Notes**

<sup>1</sup> Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/](http://www.designlights.org/) to confirm which versions are qualified.  
<sup>2</sup> Lumens will change based on fixture selection. Consult with factory for additional options.

## Photometric Data

L7424-34W-AOK-RFKW (50K) Tested in accordance to IESNA LM-79

### Zonal Lumen Summary

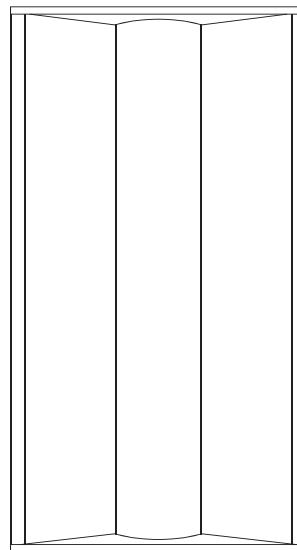
Zone	Lumens	%Luminaire
0-10	143.65	3.13%
10-20	410.06	8.93%
20-30	618.26	13.47%
30-40	750.13	16.34%
40-50	787.36	17.16%
50-60	734.19	16.00%
60-70	598.07	13.03%
70-80	396.85	8.64%
80-90	128.09	2.79%
90-100	4.06	0.08%
100-110	3.25	0.07%
110-120	2.76	0.06%
120-130	2.93	0.06%
130-140	2.65	0.05%
140-150	2.48	0.05%
150-160	2.02	0.04%
160-170	1.54	0.03%
170-180	0.59	0.01%

## Physical Characteristics

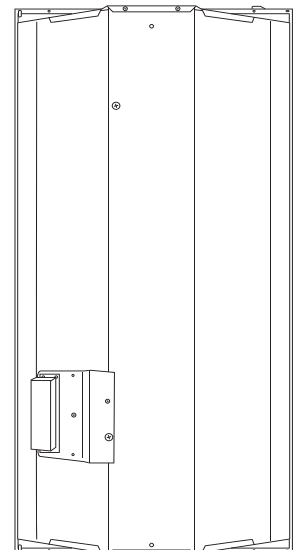
### Dimensions

Version	Depth	Length	Width	Weight
2x2	2.87"	23.87"	24.00"	12lbs
2x4	2.87"	45.50"	23.0"	19lbs

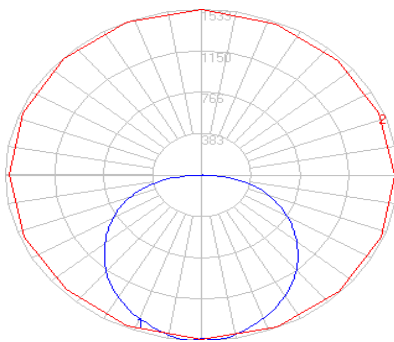
Top View 2x4



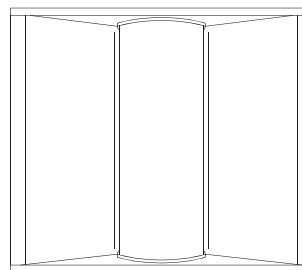
Bottom View 2x4



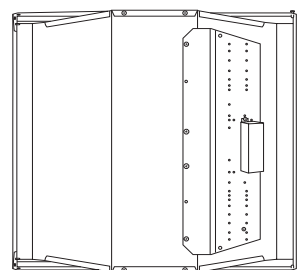
### Polar Graph



Top View 2x2



Top View 2x2



End View- 2x2 & 2x4

