

Date:	Project:	Type:	Notes:	Catalog #:
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L7400-AOK SERIES Adjustable Output & Kelvin LED Troffer

The L7400-AOK Series is designed to distribute light spaciouly along both vertical and horizontal planes.



Features & Specifications

Applications

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

Construction

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

Mounting

Recessed mount. Surface mount option offered.

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 – 50°C Ambient

Lumen Maintenance

L70 rating of 184,000 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) qualified. DLC 5.1 rating ¹. RoHS Compliant.



Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L7422-30W-AOK	2x2	20	3500	2640	132	>83
		20	4000	2660	133	>83
		20	5000	2680	134	>83
		25	3500	3250	130	>83
		25	4000	3275	131	>83
		25	5000	3300	132	>83
		30	3500	3750	125	>83
		30	4000	3780	126	>83
L7424-34W-AOK	2x4	25	3500	3350	134	>83
		25	4000	3375	135	>83
		25	5000	3400	136	>83
		30	3500	3900	130	>83
		30	4000	3930	131	>83
		30	5000	3960	132	>83
		34	3500	4284	126	>83
		34	4000	4318	127	>83
L7424-45W-AOK	2x4	34	3500	4488	132	>83
		34	4000	4522	133	>83
		34	5000	4556	134	>83
		38	3500	4940	130	>83
		38	4000	4978	131	>83
		38	5000	5016	132	>83
		45	3500	5715	127	>83
		45	4000	5760	128	>83
L7414-30W-AOK	1x4	20	3500	2600	130	>83
		20	4000	2620	131	>83
		20	5000	2640	132	>83
		25	3500	3200	128	>83
		25	4000	3225	129	>83
		25	5000	3250	130	>83
		30	3500	3750	125	>83
		30	4000	3780	126	>83
		30	5000	3810	127	>83

L74								
1	2	3	4	5	5	5	5	5

1 - Series	2 - Dimensions/Wattage	3 - Type	4 - Version
L74	22- 30W (2x2 / 20 Watt) (2x2 / 25 Watt) (2x2 / 30 Watt) 24- 34W (2x4 / 25 Watt) (2x4 / 30 Watt) (2x4 / 34 Watt) 24- 45W (2x4 / 34 Watt) (2x4 / 38 Watt) (2x4 / 45 Watt) 14- 30W (1x4 / 20 Watt) (1x4 / 25 Watt) (1x4 / 30 Watt)	AOK (Adjustable Output and Kelvin Temp 35K, 40K & 50K)	S5 (DLC Version 5.1)

5- Options

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)²
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)²
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)²
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)²
- ETS-DR** (Emergency Control Device with 0-10V Relay)
- SM** (Surface Mount)
- BAA** (Buy American Act Compliant)

Notes

1 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 to confirm which versions are qualified.
 2 Lumens will change based on fixture selection. Consult with factory for additional options.

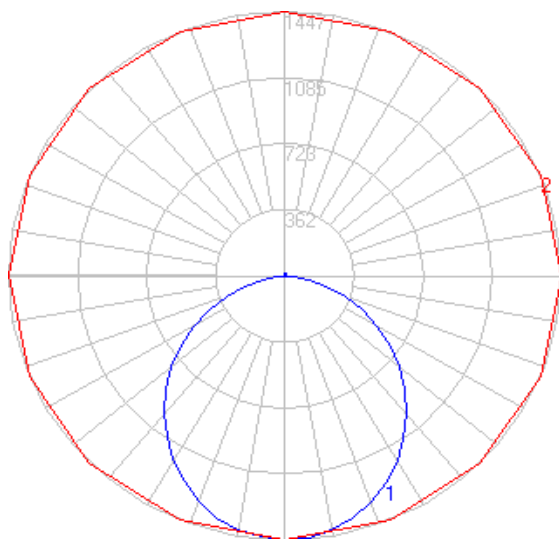
Photometric Data

L7424-30W-35K Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	112.18	3.12%
10-20	321.38	8.93%
20-30	487.38	13.55%
30-40	590.97	16.43%
40-50	619.42	17.22%
50-60	573.44	15.94%
60-70	465.59	12.94%
70-80	309.11	8.59%
80-90	111.39	3.09%
90-100	1.76	0.04%
100-110	0.87	0.02%
110-120	0.68	0.02%
120-130	0.67	0.02%
130-140	0.74	0.02%
140-150	0.69	0.02%
150-160	0.59	0.01%
160-170	0.46	0.01%
170-180	0.20	0.01%

Polar Graph

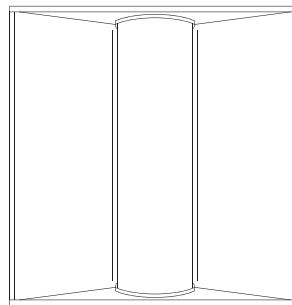


Physical Characteristics

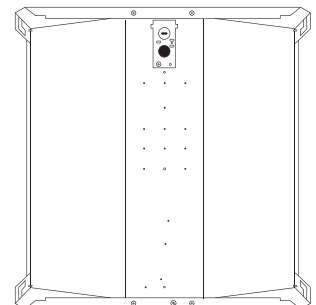
Dimensions

Version	Depth	Length	Width	Weight
2x2	2.8"	23.8"	23.8"	7.75lbs
2x4	2.8"	47.8"	23.8"	12.75lbs
1x4	2.8"	47.8"	11.9"	9.90lbs

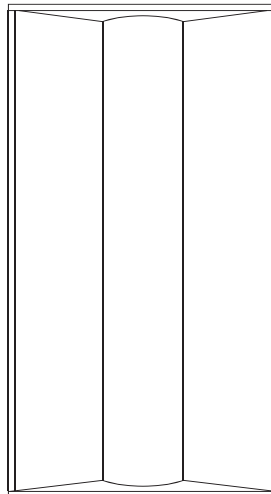
Top View- 2x2



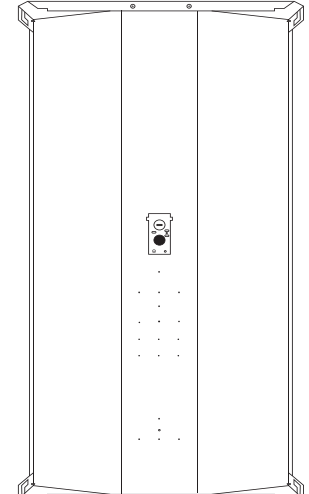
Bottom View- 2x2



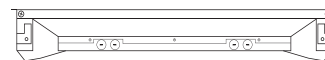
Top View- 2x4



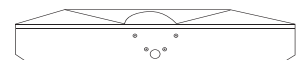
Bottom View- 2x4



Side View- 2x2



End View- 2x2 & 2x4



Side View- 2x4

