

Date:	Project:	Type:	Notes:	Catalog #:
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L7400-AOK-SL SERIES

Adjustable Output & Kelvin LED Slim Troffer

The L7400-AOK-SL Series field adjustable low profile LED troffer delivers energy savings and continuous dimming. The precision-formed diffuser produces comfortable and pleasant illumination, enhancing productive spaces in various applications.



Sensor Enabled with 12V Aux Connection plus Standard Purple & Pink Dimming Wires. Full Lens No Sensor Option Available.

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 PMMA 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. Sensor Enabled with 12V Aux Connection plus Standard Purple & Pink Dimming Wires.

Operating Temperature

Suitable for -20°C – 50°C Ambient

Lumen Maintenance

L70 rating of 100,000 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 Premium qualified. RoHS Compliant. IC Rated.



Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	CCT	CRI
L7422-30W-AOK-SL	2x2	20	3500	2500	35K, 40K, 50K	>83
		20	4000	2500	35K, 40K, 50K	>83
		20	5000	2500	35K, 40K, 50K	>83
		25	3500	3125	35K, 40K, 50K	>83
		25	4000	3125	35K, 40K, 50K	>83
		25	5000	3125	35K, 40K, 50K	>83
		30	3500	3750	35K, 40K, 50K	>83
		30	4000	3750	35K, 40K, 50K	>83
		30	5000	3750	35K, 40K, 50K	>83
		30	3500	3750	35K, 40K, 50K	>83
L7422-40W-AOK-SL	2x2	30	4000	3750	35K, 40K, 50K	>83
		30	5000	3750	35K, 40K, 50K	>83
		35	3500	4375	35K, 40K, 50K	>83
		35	4000	4375	35K, 40K, 50K	>83
		35	5000	4375	35K, 40K, 50K	>83
		40	3500	5000	35K, 40K, 50K	>83
		40	4000	5000	35K, 40K, 50K	>83
		40	5000	5000	35K, 40K, 50K	>83
		25	3500	3125	35K, 40K, 50K	>83
		25	4000	3125	35K, 40K, 50K	>83
L7424-35W-AOK-SL	2x4	25	5000	3125	35K, 40K, 50K	>83
		30	3500	3750	35K, 40K, 50K	>83
		30	4000	3750	35K, 40K, 50K	>83
		30	5000	3750	35K, 40K, 50K	>83
		35	3500	4375	35K, 40K, 50K	>83
		35	4000	4375	35K, 40K, 50K	>83
		35	5000	4375	35K, 40K, 50K	>83
		34	3500	4250	35K, 40K, 50K	>83
		34	4000	4250	35K, 40K, 50K	>83
		34	5000	4250	35K, 40K, 50K	>83
L7424-45W-AOK-SL	2x4	38	3500	4750	35K, 40K, 50K	>83
		38	4000	4750	35K, 40K, 50K	>83
		38	5000	4750	35K, 40K, 50K	>83
		45	3500	5625	35K, 40K, 50K	>83
		45	4000	5625	35K, 40K, 50K	>83
		45	5000	5625	35K, 40K, 50K	>83
		20	3500	2500	35K, 40K, 50K	>83
		20	4000	2500	35K, 40K, 50K	>83
		20	5000	2500	35K, 40K, 50K	>83
		25	3500	3125	35K, 40K, 50K	>83
L7414-30W-AOK-SL	1x4	25	4000	3125	35K, 40K, 50K	>83
		25	5000	3125	35K, 40K, 50K	>83
		30	3500	3750	35K, 40K, 50K	>83
		30	4000	3750	35K, 40K, 50K	>83
		30	5000	3750	35K, 40K, 50K	>83

Catalog Ordering

Sample Part # L7422-30W-AOK-SL

L74							
1	2	3	4	4	5	5	5
1 - Series	2 - Dimensions/Wattage		3 - Type				
L74	22- 30W (2x2 / 20 Watt) (2x2 / 25 Watt) (2x2 / 30 Watt)		AOK-SL (Adjustable Output and Kelvin Temp 35K, 40K & 50K- Slim Profile) AOK-SL-FLNS (Adjustable Output and Kelvin Temp 35K, 40K & 50K – Slim Profile – Full Lens No Sensor)				
	22- 40W (2x2 / 30 Watt) (2x2 / 35 Watt) (2x2 / 40 Watt)						
	24- 35W (2x4 / 25 Watt) (2x4 / 30 Watt) (2x4 / 35 Watt)						
	24- 45W (2x4 / 34 Watt) (2x4 / 38 Watt) (2x4 / 45 Watt)						
	14- 30W (1x4 / 20 Watt) (1x4 / 25 Watt) (1x4 / 30 Watt)						
4- Controls			5- Accessories				
OS (PIR Bi-Level Occupancy Sensor with Daylight Harvesting - IFS06) RM51 (PIR Bi-Level Occupancy Sensor with Dayligh Havesting Remote - IFS06R) PB-K (Programmable Bluetooth Sensor - Integrated - Keilton IFS06R)			EM10WT20 Title 20 Compliant Emergency Battery Backup, 10 Watts, ~1300 Lumens (lumens will change based on fixture selection) ETS-DR UL924 Emergency Lighting Control Device SMK-14 Surface Mount Kit 1 x 4 SMK-22 Surface Mount Kit 2 x 2 SMK-24 Surface Mount Kit 2 x 4 FK-14 Flange Kit 1 x 4 FK-22 Flange Kit 2 x 2 FK-24 Flange Kit 2 x 4 BAA Buy America Compliant 90 90 CRI (special order)				

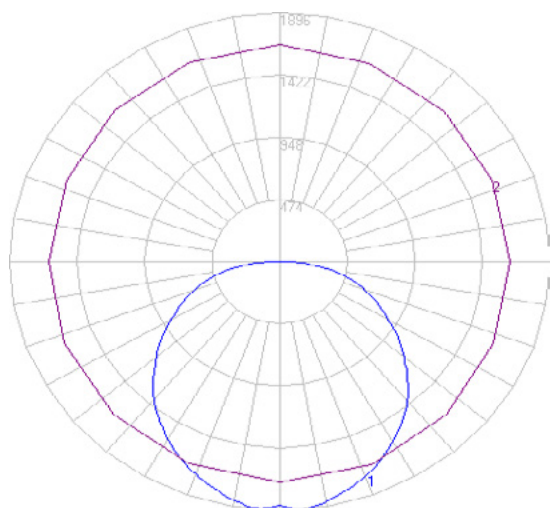
Photometric Data

L7424-AOK-SL (45W-35K) Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	177.02	3.23%
10-20	504.60	9.21%
20-30	756.78	13.81%
30-40	910.52	16.62%
40-50	944.07	17.23%
50-60	861.93	15.73%
60-70	684.12	12.48%
70-80	454.48	8.29%
80-90	168.78	3.08%
90-100	3.03	0.05%
100-110	1.77	0.03%
110-120	1.47	0.02%
120-130	1.60	0.02%
130-140	1.91	0.03%
140-150	1.99	0.03%
150-160	1.79	0.03%
160-170	1.49	0.02%
170-180	0.58	0.01%

Polar Graph

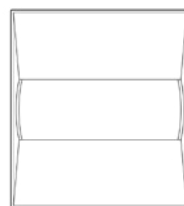


Physical Characteristics

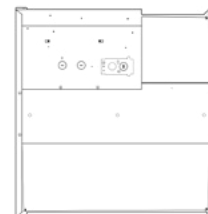
Dimensions

Version	Depth	Length	Width	Weight
2x2	2.1"	23.7"	23.7"	7.0lbs
2x4	2.1"	47.8"	23.7"	11.5lbs
1x4	2.0"	47.8"	11.7"	8.0lbs

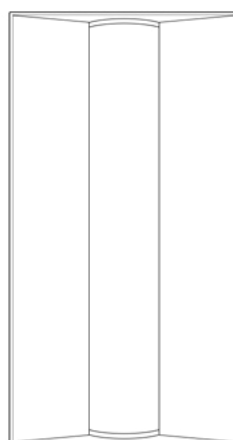
Top View- 2x2



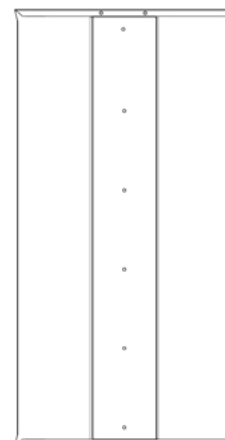
Bottom View- 2x2



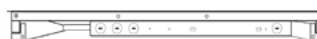
Top View- 2x4



Bottom View- 2x4



Side View- 2x2



End View- 2x2 & 2x4



Side View- 2x4

