

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.



Includes 12V aux driver and sensor bracket.

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. Includes 12V aux driver and sensor bracket.

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.



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
		L7422-40W-AOK-SL	2x2	30	3500	3750
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
L7424-35W-AOK-SL	2x4			25	3500	3125
		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
		35	3500	4375	35K, 40K, 50K	>83
		35	4000	4375	35K, 40K, 50K	>83
		35	5000	4375	35K, 40K, 50K	>83
		L7424-45W-AOK-SL	2x4	34	3500	4250
34	4000			4250	35K, 40K, 50K	>83
34	5000			4250	35K, 40K, 50K	>83
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
L7414-30W-AOK-SL	1x4			20	3500	2500
		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

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)

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)

AOK-SL (Adjustable Output and Kelvin Temp 35K, 40K & 50K- Slim Profile)

4- Controls

- OS** (Occupancy Sensor)
- OS-R** (Occupancy Sensor with Remote)
- PB-K** (Programmable Bluetooth Sensor - Integrated - Keilton)
- PB-S** (Programmable Bluetooth Sensor - Integrated - Sharkward)
- PB-M** (Programmable Bluetooth Sensor - Integrated - McWong)

5- Accessories

- 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

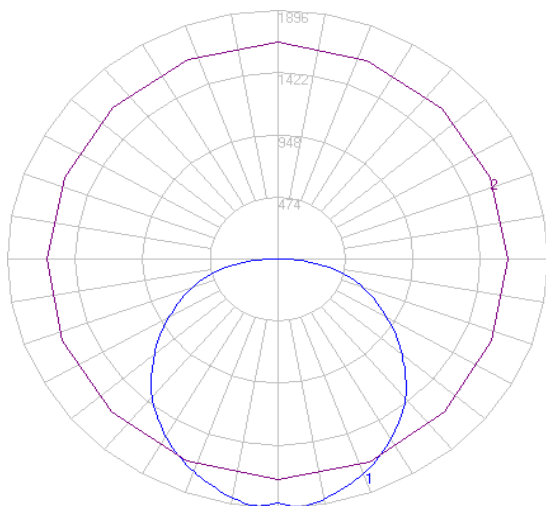
Photometric Data

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

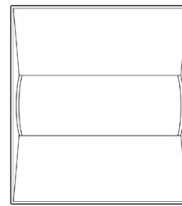


Physical Characteristics

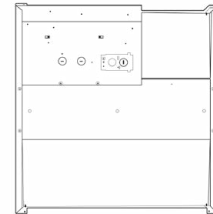
Dimensions

Version	Depth	Length	Width	Weight
2x2	2.1"	23.7"	23.7"	6.83lbs
2x4	2.1"	47.8"	23.7"	11.44lbs
1x4	2.0"	47.8"	11.7"	7.72lbs

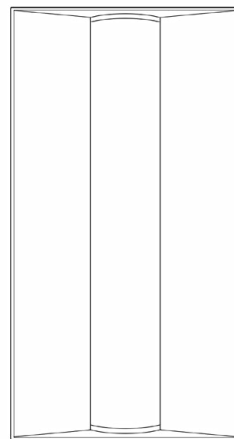
Top View- 2x2



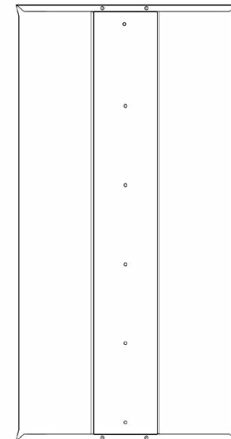
Bottom View- 2x2



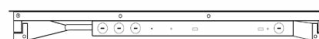
Top View- 2x4



Bottom View- 2x4



Side View- 2x2



End View- 2x2 & 2x4



Side View- 2x4

