

Date:	Project:	Type:	Notes:	Catalog #:
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L285-AOK SERIES Adjustable Output LED Lensed Strip



The L285-AOK Series is a functional multi-purpose LED lensed strip that incorporates premium performance and construction durability.



Features & Specifications

Applications

Ideal for use in warehouses, distribution centers, parking garages, covered parking, shops, utility rooms, stairwells, corridors, canopies and general lighting.

Construction

Housing made from die formed heavy gauge cold rolled steel and is finished with a post- production baked white powder coat. Frosted lens.

Mounting

Surface mount. Chain and cable mount ready. Cord and plug options offered.

Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 480V option. 50/60HZ input frequency.

Operating Temperature

Suitable for -40°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 listed. RoHS Compliant.



Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L28548-30W-AOK	4FT	18	3500	2340	141	>83
		18	4000	2340	142	>83
		18	5000	2340	143	>83
		25	3500	3250	138	>83
		25	4000	3250	139	>83
		25	5000	3250	140	>83
		30	3500	3900	135	>83
		30	4000	3900	136	>83
		30	5000	3900	137	>83
L28548-40W-AOK	4FT	22	3500	3190	145	>83
		22	4000	3212	146	>83
		22	5000	3234	147	>83
		28	3500	3892	139	>83
		28	4000	3920	140	>83
		28	5000	3948	141	>83
		40	3500	5320	133	>83
		40	4000	5360	134	>83
		40	5000	5400	135	>83
L28548-45W-AOK	4FT	35	3500	4550	136	>83
		35	4000	4550	137	>83
		35	5000	4550	138	>83
		40	3500	5200	133	>83
		40	4000	5200	134	>83
		40	5000	5200	135	>83
		45	3500	5850	130	>83
		45	4000	5850	131	>83
		45	5000	5850	132	>83
L28596-65W-AOK	8FT	38	3500	4940	141	>83
		38	4000	4940	142	>83
		38	5000	4940	143	>83
		54	3500	7020	138	>83
		54	4000	7020	139	>83
		54	5000	7020	140	>83
		65	3500	8450	135	>83
		65	4000	8450	136	>83
		65	5000	8450	137	>83
L28596-90W-AOK	8FT	65	3500	8450	136	>83
		65	4000	8450	137	>83
		65	5000	8450	138	>83
		75	3500	9750	133	>83
		75	4000	9750	134	>83
		75	5000	9750	135	>83
		90	3500	11700	130	>83
		90	4000	11700	131	>83
		90	5000	11700	132	>83

L285								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Length in Inches/Wattage	3 - Type	4- Version
L285	48 - 30W (4 Foot, 18 Watt) (4 Foot, 25 Watt) (4 Foot, 30 Watt) 48 - 40W (4 Foot, 22 Watt) (4 Foot, 28 Watt) (4 Foot, 40 Watt) 48 - 45W (4 Foot, 35 Watt) (4 Foot, 40 Watt) (4 Foot, 45 Watt) 96 - 65W (8 Foot, 38 Watt) (8 Foot, 54 Watt) (8 Foot, 65 Watt) 96 - 90W (8 Foot, 65 Watt) (8 Foot, 75 Watt) (8 Foot, 90 Watt)	AOK (Adjustable Output and Kelvin Temp 35K, 40K & 50K)	S5 (DLC Version 5.1)

5- Controls

- OS** On / Off PIR Occupancy Sensor
- PRGOS-LS** Sensorswitch LSXR Occ Sensor w/ Dimming Photocell
- PRGOS-LR** IRTEC LRD Programmable Occ Sensor w/ Remote Control

6 - 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
- PLG 6'** SJT Cord & Plug
- 10GL** 10' Loop Aircraft Hanging Cable/Fixture
- PP** Power Plus
- L28548-WG** L28500 4' Strip Wireguard
- BAA** Buy American Act Compliant
- L28500-BRKT** Connector Bracket

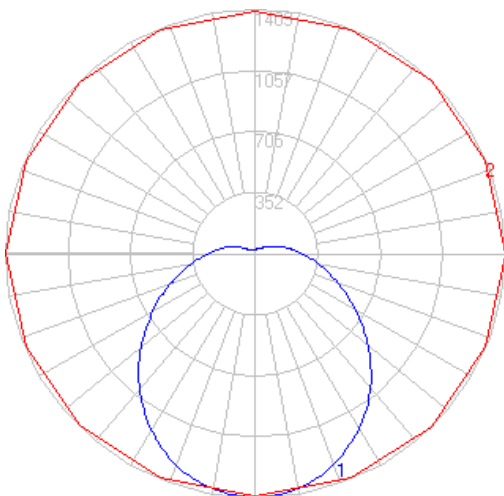
Photometric Data

L28548-40W-AOK Tested in accordance to IESNA LM-79

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	132.70	2.63%
10-20	378.50	7.52%
20-30	569.74	11.31%
30-40	683.90	13.58%
40-50	711.93	14.14%
50-60	662.91	13.16%
60-70	561.39	11.15%
70-80	434.31	8.62%
80-90	312.66	6.21%
90-100	219.70	4.36%
100-110	150.13	2.98%
110-120	93.39	1.85%
120-130	51.43	1.02%
130-140	31.55	0.63%
140-150	20.54	0.41%
150-160	12.63	0.25%
160-170	6.88	0.13%
170-180	2.36	0.05%

Polar Graph

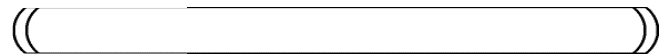


Physical Characteristics

Dimensions

Version	Depth	Length	Width	Weight
4FT	3.56"	48.0"	3.35"	7lbs
8FT	3.56"	96.0"	3.35"	14lbs

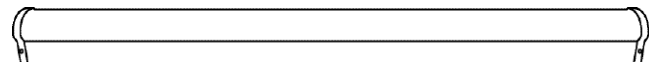
Top View



Bottom View



Side View



End View

