

Date:	Project:	Type:	Notes:	Catalog #:
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L286-AOK SERIES
Adjustable Output LED Square-Lensed Strip



The L286-AOK Series is a functional multi-purpose LED square 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 -20°C – 50°C Ambient

Lumen Maintenance

L70 rating of 189,000 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	CCT	CRI
L28648-40W-AOK	4FT	22	3500	2860	35K, 40K, 50K	>83
		22	4000	2860	35K, 40K, 50K	>83
		22	5000	2860	35K, 40K, 50K	>83
		28	3500	3460	35K, 40K, 50K	>83
		28	4000	3460	35K, 40K, 50K	>83
		28	5000	3460	35K, 40K, 50K	>83
		40	3500	5200	35K, 40K, 50K	>83
		40	4000	5200	35K, 40K, 50K	>83
L28696-54W-AOK	8FT	38	3500	4940	35K, 40K, 50K	>83
		38	4000	4940	35K, 40K, 50K	>83
		38	5000	4940	35K, 40K, 50K	>83
		46	3500	5980	35K, 40K, 50K	>83
		46	4000	5980	35K, 40K, 50K	>83
		46	5000	5980	35K, 40K, 50K	>83
		54	3500	7020	35K, 40K, 50K	>83
		54	4000	7020	35K, 40K, 50K	>83
L28696-90W-AOK	8FT	65	3500	8450	35K, 40K, 50K	>83
		65	4000	8450	35K, 40K, 50K	>83
		65	5000	8450	35K, 40K, 50K	>83
		75	3500	9750	35K, 40K, 50K	>83
		75	4000	9750	35K, 40K, 50K	>83
		75	5000	9750	35K, 40K, 50K	>83
		90	3500	11700	35K, 40K, 50K	>83
		90	4000	11700	35K, 40K, 50K	>83
		90	5000	11700	35K, 40K, 50K	>83

L286								
1	2	3	4	5	6	6	6	7

1 - Series	2 - Length in Inches/Wattage	3 - Type	4 - Version
L286	48 - 40W (4 Foot, 22 Watt) (4 Foot, 28 Watt) (4 Foot, 40 Watt) 96 - 54W (8 Foot, 38 Watt) (8 Foot, 46 Watt) (8 Foot, 54 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
L28600-BRKT Connector Bracket

Photometric Data

Physical Characteristics

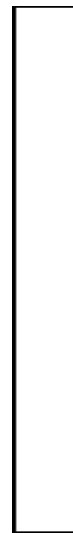
L28648-40W-AOK Tested in accordance to IESNA LM-79

Zonal Lumen Summary

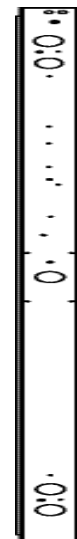
Zone	Lumens	%Luminaire
0-10	136.97	2.72%
10-20	391.33	7.77%
20-30	590.76	11.73%
30-40	711.48	14.12%
40-50	744.07	14.77%
50-60	695.54	13.81%
60-70	582.77	11.60%
70-80	432.92	8.59%
80-90	286.07	5.68%
90-100	181.72	3.61%
100-110	114.88	2.28%
110-120	70.79	1.41%
120-130	42.69	0.85%
130-140	25.40	0.50%
140-150	15.06	0.29%
150-160	8.79	0.17%
160-170	4.66	0.09%
170-180	1.28	0.03%

Version	Depth	Length	Width	Weight
4FT	2.75"	48.0"	2.35"	7lbs
8FT	2.75"	96.0"	2.35"	14lbs

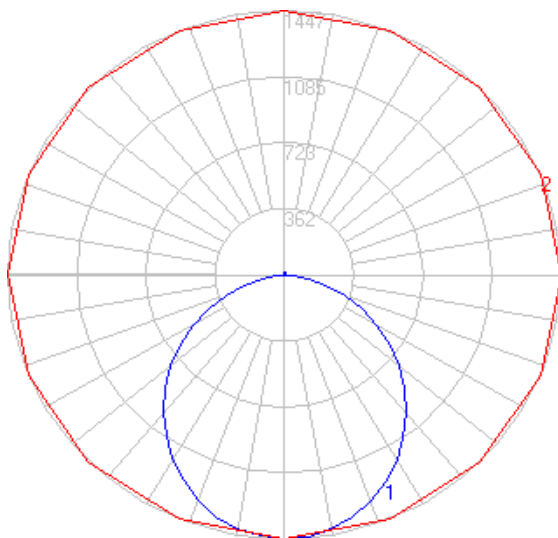
Top View



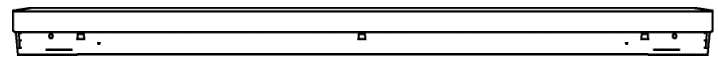
Bottom View



Polar Graph



Top View



End View

