

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 listed¹. RoHS Compliant.



Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L28648-40W-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
L28696-54W-AOK	8FT	38	3500	5282	139	>83
		38	4000	5320	140	>83
		38	5000	5358	141	>83
		46	3500	6256	136	>83
		46	4000	6302	137	>83
		46	5000	6348	138	>83
		54	3500	7182	133	>83
		54	4000	7236	134	>83
		54	5000	7290	135	>83
L28696-90W-AOK	8FT	65	3500	8840	136	>83
		65	4000	8905	137	>83
		65	5000	8970	138	>83
		75	3500	9975	133	>83
		75	4000	10050	134	>83
		75	5000	10125	135	>83
		90	3500	11700	130	>83
		90	4000	11790	131	>83
		90	5000	11880	132	>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 (Occupancy Sensor)
PRGOS-LS ([Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell](#))
PRGOS-LR ([IRTEC LRD509 Programmable Occ Sensor w/ Remote Control](#))

6 - 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
480SD (480 Step-Down)
PLG (6' SJT Cord & Plug)
PP (PowerPlus)
BAA (Buy American Act Compliant)

7 - Accessories (Sold Separately)

10GL (10' Loop w/ Gripple Hanging Kit)³

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.
 3 Mounting kit is manufactured by Gripple Inc.

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

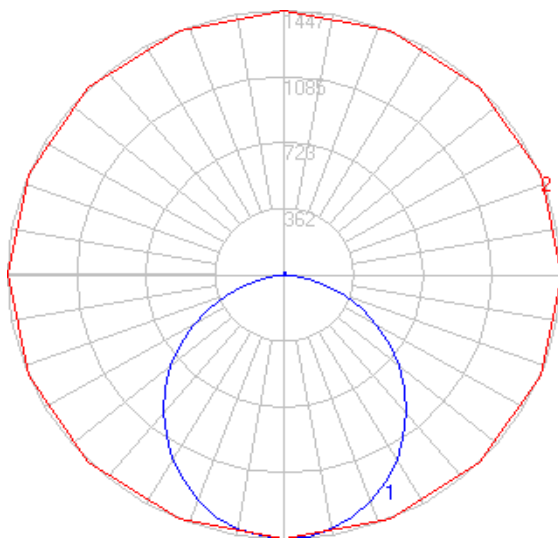
Top View



Bottom View



Polar Graph



Top View



End View

