

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 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<sup>1</sup>. RoHS Compliant.



### Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
L28548-30W-AOK	4FT	18	3500	2538	141	>83
		18	4000	2556	142	>83
		18	5000	2574	143	>83
		25	3500	3450	138	>83
		25	4000	3475	139	>83
		25	5000	3500	140	>83
		30	3500	4050	135	>83
		30	4000	4080	136	>83
L28548-40W-AOK	4FT	30	5000	4110	137	>83
		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
L28548-45W-AOK	4FT	40	4000	5360	134	>83
		40	5000	5400	135	>83
		34	3500	4624	136	>83
		34	4000	4658	137	>83
		34	5000	4692	138	>83
		38	3500	5045	133	>83
		38	4000	5092	134	>83
		38	5000	5130	135	>83
L28596-65W-AOK	8FT	45	3500	5850	130	>83
		45	4000	5895	131	>83
		45	5000	5940	132	>83
		38	3500	5358	141	>83
		38	4000	5396	142	>83
		38	5000	5434	143	>83
		54	3500	7452	138	>83
		54	4000	7506	139	>83
L28596-90W-AOK	8FT	54	5000	7560	140	>83
		65	3500	8775	135	>83
		65	4000	8840	136	>83
		65	5000	8905	137	>83
		65	3500	8840	136	>83
		65	4000	8905	137	>83
		65	5000	8970	138	>83
		75	3500	9975	133	>83
L28596-90W-AOK	8FT	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

<b>L285</b>								
1	2	3	4	5	6	6	6	7

1 - Series	2 - Length in Inches/Wattage	3 - Type	4 - Version
<b>L285</b>	<b>48 - 30W</b> (4 Foot, 18 Watt) (4 Foot, 25 Watt) (4 Foot, 30 Watt)  <b>48 - 40W</b> (4 Foot, 22 Watt) (4 Foot, 28 Watt) (4 Foot, 40 Watt)  <b>48 - 45W</b> (4 Foot, 35 Watt) (4 Foot, 40 Watt) (4 Foot, 45 Watt)  <b>96 - 65W</b> (8 Foot, 38 Watt) (8 Foot, 54 Watt) (8 Foot, 65 Watt)  <b>96 - 90W</b> (8 Foot, 65 Watt) (8 Foot, 75 Watt) (8 Foot, 90 Watt)	<b>AOK</b> (Adjustable Output and Kelvin Temp 35K, 40K & 50K)	<b>S5</b> (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)<sup>2</sup>  
**EM10W** (Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>  
**EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>  
**EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>  
**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)<sup>3</sup>

**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/](http://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.

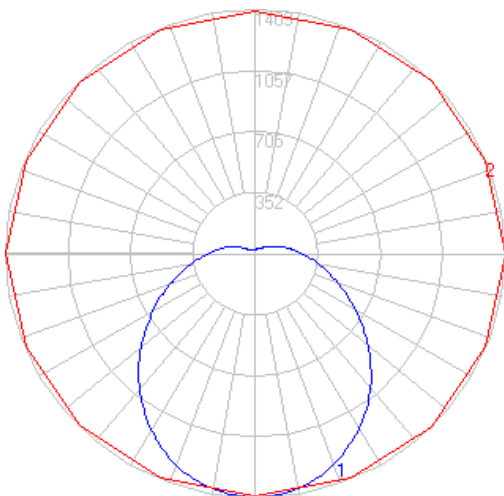
## Photometric Data

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

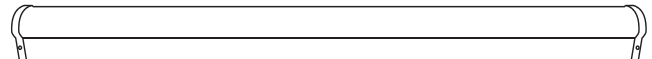
### Top View



### Bottom View



### Side View



### End View

