

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

**Performance Data**

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
4FT	22W	22W	2,860 LM	130 LPW	>83
4FT	28W	28W	3,640 LM	130 LPW	>83
4FT	40W	40W	5,200 LM	130 LPW	>83
8FT	65W	65W	8,450 LM	130 LPW	>83
8FT	75W	75W	9,750 LM	130 LPW	>83
8FT	90W	90W	11,700 LM	130 LPW	>83



## Catalog Ordering

Sample Part # L28648-40W-AOK-S5

<b>L286</b>								
1	2	3	4	5	6	6	6	7

1 - Series	2 - Length in Inches/Wattage	3 - Type	4 - Version
<b>L286</b>	<b>48 - 40W</b> (4 Foot, 22 Watt) (4 Foot, 28 Watt) (4 Foot, 40 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 5.0)

### 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

- 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.
- Lumens will change based on fixture selection. Consult with factory for additional options.
- 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

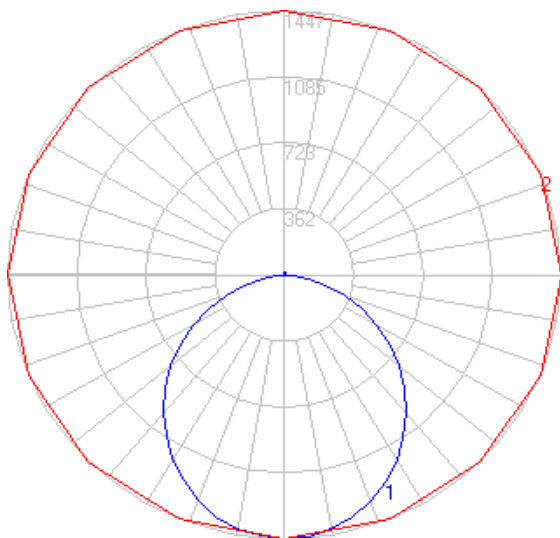
Top View



Bottom View



### Polar Graph



Top View



End View

