



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION – The AOSL Series LED Sign Lighter is designed for illuminating architectural surfaces and commercial signage. Areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult are ideal applications. The low profile design keeps the fixture placement discrete.

MOUNTING – A die cast adjustable knuckle is provided to easily adjust and aim the fixture at the desired surface to illuminate. Each knuckle is designed to rotate over 180° to allow mounting with the fixture orientated above or below the intended target.

LISTINGS – LED Power Supply listed for wet locations (IP67). LED bricks ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 50°C ambient operation. RoHS Compliant.

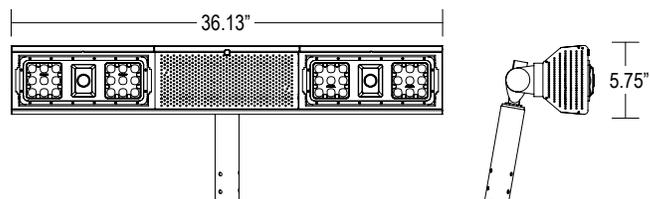
WARRANTY – The complete luminaire is covered by a 5-year limited product warranty.

FEATURES

- High lumen output luminaire
- Low energy consumption
- Extra-long life LEDs
- Uniform optic distribution
- Star Light Friendly
- High CRI
- Substantial power reduction over HID luminaires
- Durable fixture housing design
- Simple mounting to standard 1.5" tubing
- LED L70 50,000 hours
- Super durable powder coat finish with stainless steel hardware
- UV stabilized acrylic lens
- Removable light modules and driver for easy field service
- UL listed LED driver
- 5000 correlated color temperature
- IP67 LED module
- Power Factor <.9
- Total harmonic distortion <15%
- 10 feet of power cable
- Manufactured in the USA by Techlight



LED Sign Lighter AOSL SERIES



Series	Housing Height	Length & Width
AOSL	5.75"	36.13" x 3.80"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **AOSL1C8T3F1-BK**

Series	# of Bricks	Color Temp	# LED's per Brick	Optics	Drive Current	Voltage	Finish
AOSL	1 1 Brick ¹ 2 2 Brick ²	C Cool White (5000K)	8 18 LED	T3 Type III	C 700mA Driver D 1050mA Driver F 1400mA Driver	1 Multi-Volt ³	BK Black BZ Bronze GR US Green WH White SP Special ⁴

Accessories (Order as separate line items)

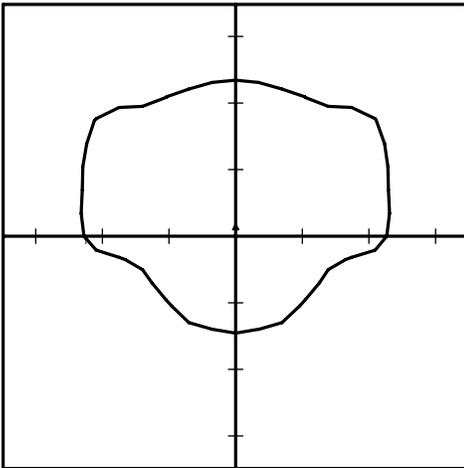
BSP3-277-LC⁵ 10kV Surge Suppressor

NOTES

- 1 One brick version available in 1400mA only.
- 2 Two brick version available in 700mA or 1050mA only.
- 3 Multi-Volt is an auto ranging power supply from 100V to 300V input.
- 4 Custom RAL color matching is available. Contact your Techlight sales representative for additional information.
- 5 Specify whether the surge suppressor is to be factory installed in the fixture or field installed on each circuit.

AOSL LED Sign Lighter

PHOTOMETRICS



CHARACTERISTICS

AOSL LED Sign Lighter
 AOSL1C8T3F
 Philips Luxeon T
 Color Temperature: 5,000 K CRI: 70
 Total Luminaire Lumens: 9336
 Total Luminaire Watts: 83

WWW.TECHLIGHTUSA.COM
 AOSL1C8T3F
 LED COOL WHITE LUXEON T (1400mA)

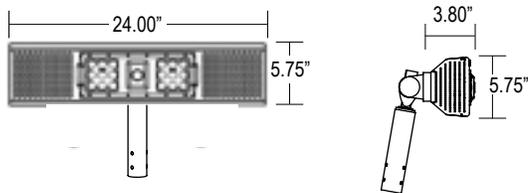
Horizontal Footcandles
 Scale: 1 Inch = 10 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = N.A. (absolute photometry)

LUMINAIRE CHARACTERISTICS

Cool White (5000K)

# of LED Bricks	Drive Current	# of LEDs per Brick	Color Temp	Delivered Lumens TYPE III	System Wattage	Lumens per Watt	L70 @ 25°C	Amperage Draw			
								120V	208V	240V	277V
1 BRICK	1400mA	18	CW	7809	73	101	>399K	0.61	0.36	0.31	0.27
2 BRICK	700 mA	18	CW	8046	82	99	>399K	0.69	0.4	0.35	0.3
2 BRICK	1050 mA	18	CW	10304	123	84	>399K	1.03	0.6	0.52	0.45

ADDITIONAL FIXTURE DIMENSIONS



WARNING: Maintenance performed including the replacement of LED bricks while power is still supplied to the luminaire may result in system failures and will void the warranty.



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