



Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

AST

Advantage Series LED Strip Fixture



OVERVIEW

Lumen Range	4,500 - 8,600
CCT	3500K, 4000K, 5000K
Wattage Range	20 - 65
Efficacy Range (LPW)	117 - 133
Weight lbs (kg)	4ft - 6.2 8ft - 13.8

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rigid 22 gauge post painted white housing
- Available in 4ft and 8ft lengths
- Continuous diffuse acrylic lens in all lengths

Optical System

- Minimum CRI of 80
- Available in 3500K, 4000K, 5000K

Electrical

- 0-10V dimming (10%-100%) standard
- Standard Universal Voltage (120-277 Vac) Input 50-60Hz
- L80 Calculated Life: >50K hours
- Operating Temperature -20 to +50C (-4F to +122F)

Installation

- Easy Installation in new construction or retrofit
- Standard mounting method is surface mount
 - Optional chain mount requires CH36 Accessory

Warranty

- Complete warranty terms located at: <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Damp Location Rated
- DLC qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.





Advantage Series LED Strip Fixture

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **AST 4 4L SA UNV 840**

Family	Length	Lumen Package	Lens Type	Voltage	Color Temperature	EM Options	Options
AST	4 - 4'	4L - 4,500 Lumens	SA - Smooth Diffuse Acrylic Lens	UNV - Universal Voltage (120V-277V)	835 - 3500K 80CRI 840 - 4000K 80CRI 850 - 5000K 80CRI	EM10 - 10W Emergency Backup ¹	E6CN - 6' Cord 16/3 non-dimming (no plug) installed on END E6CD - 6' Cord 16/5 dimming (no plug) installed on END E10CN - 10' Cord 16/3 non-dimming (no plug) installed on END E10CD - 10' Cord 16/5 dimming (no plug) installed on END
	8 - 8'	8L - 8,600 Lumens					

1 - Units with EM are not DLC Listed

Accessories (Mounting Options are field installed)

Catalog Number	Description	Order Number
CH36	3ft Chain Mount Set	M38258

PERFORMANCE

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DELIVERED LUMENS											
Length (ft)	Lumen Package	CRI	3500K CCT			4000K			5000K CCT		
			Delivered Lumens	Efficacy	Wattage	Delivered Lumens	Efficacy	Wattage	Delivered Lumens	Efficacy	Wattage
4	4L	80	4598	135	34	4634	136	34	4623	136	34
8	8L	80	9196	135	68	9258	136	68	9246	136	68



Surface Mount Bracket View





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PHOTOMETRICS

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Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See [PRODUCT PAGE URL GOES HERE](#) for detailed photometric data.

AST-4-4L-SA-UNV-840

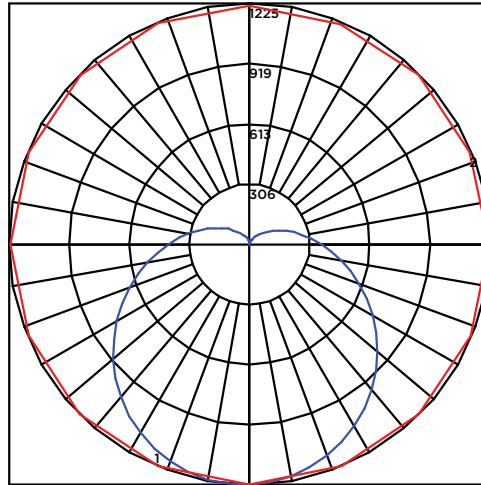
LUMINAIRE DATA

Symmetrical Distribution	
Description	4ft 4000 Kelvin, 80 CRI, Smooth Diffuse Lens
Delivered Lumens	4,633
Watts	34.43
Efficacy	135

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30°)	952	21%
Medium (30-60°)	1884	41%
High (60-80°)	948	20%
Very High (80-90°)	293	6%
Uplight (90-180°)	555	12%
Total Flux	4633	100%

POLAR CURVE



AST-8-8L-SA-UNV-840

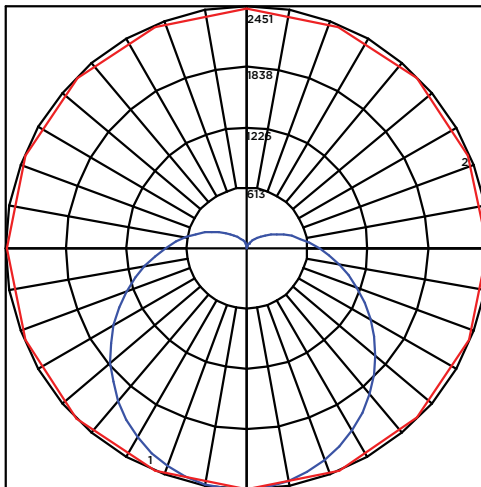
LUMINAIRE DATA

Symmetrical Distribution	
Description	8ft 4000 Kelvin, 80 CRI, Smooth Diffuse Lens
Delivered Lumens	9,266
Watts	68.86
Efficacy	135

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30°)	1904	21%
Medium (30-60°)	3768	41%
High (60-80°)	1896	20%
Very High (80-90°)	586	6%
Uplight (90-180°)	1110	12%
Total Flux	9266	100%

POLAR CURVE





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PRODUCT DIMENSIONS

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