USLED
Always the Right Choice!

Project	Date

Catalog Number	Type

Saver XL2 White Modules

Channel Letter Lighting



12 VDC

WARRANTY 10 YEAR WARRANTY

Key Features

- Ultra-long life LED modules provide high performance illumination in a small form factor.
- High efficacy performance up to 161 LPW.
- Ideal for applications as shallow as 1” depth.

Electrical

- 12VDC input.
- 0-10V dimming available via controller accessory (sold separately).
- Operating temperature: -40°C to 60°C (-40°F to 140°F)

Mounting

- Modules mounted using peel-and-stick 3M VHB tape.

Construction

- Modules are IP67 rated to prevent against penetration of dust and moisture.
- Dimensions: 1.03” x 0.63” x 0.44”

Optics

- Industry-leading LEDs with 3000K, 4000K, 5000K, and 6500K CCT (minimum 70 CRI).
- 175° beam angle for ultra-wide light distribution.

Warranty

- Backed by US LED’s industry-leading Ten-Year Warranty.

Product Performance Summary

Input Voltage	12 VDC
Module Power	0.36W Per Module
Light Output	58 lm Per Module
Lumens Per Foot	177 lm/ft.
Efficacy	161 lm/W
CRI	≥ 70 CRI
Available CCT	3000K, 4000K, 5000K, and 6500K
Warranty	Ten-Year Warranty

Product Overview

Saver XL2 is US LED’s next generation of channel letter lighting, maximizing performance with a minimum presence. Now accommodating even more modules per power supply, Saver XL2 delivers best-in-class efficacy up to 161 lumens per watt. In addition, its proprietary optic provides even greater distribution and can produce light in signage as shallow as 1” depth.

Product Applications

- Channel Letter Lighting
- General Sign Lighting

Product Certifications

- UL Recognized (USA/Canada)
- UL Classified for Retrofits (USA/Canada)
- Suitable for Wet Locations
- IP67 Rated

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Ordering Information

Example: SXL2-1-12-W

SXL2			
Series	# of LEDs Per Module	Voltage	CCT
	1 1 LED	**12** 12VDC	**W30** 3000K
			W40 4000K
			W50 5000K
			W 6500K

SXL2 Accessories (Sold Separately)

Part Number	Description
PSB-1-12-12	US LED Power Supply | 12V | 12W
PSB-1-12-60	US LED Power Supply | 12V | 60W
PS2-1-NA	Life Extender Power Supply Enclosure | Natural Galvanized
DCA-10-120	0-10V Dimming Controller | 120W RoHS | Mark VII
WCC-2-50	Wire Management Clips | 50 Qty.

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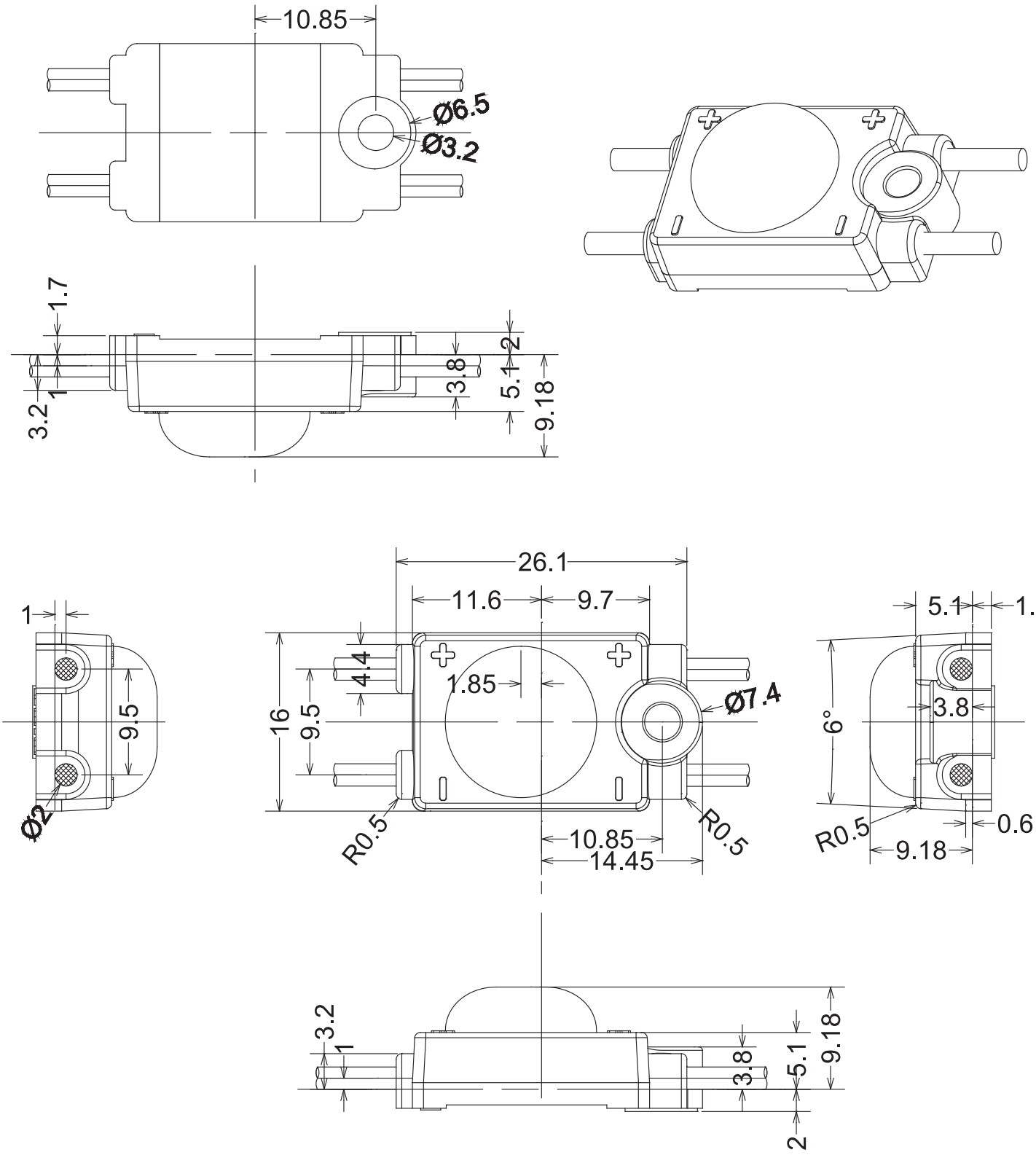
Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

Saver XL2 White Modules

Channel Letter Lighting

Dimensions

All Dimensions Indicated Below In Millimeters (mm).



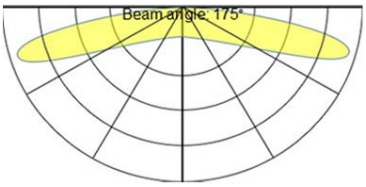
Saver XL2 White Modules

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Performance Data

Module Part Number	CCT	Modules Per Ft.	Module Power	Power Density	Lumens Per Module	Lumens Per Foot	Efficacy
SXL2-1-12-W	6500K	3	0.36W	1.1W/ft.	58 lm	177 lm/ft.	161 LPW

Optical Distribution



Spacing Chart

						BEST USAGE				
Channel Depth	**10”**	**9”**	**8”**	**7”**	**6”**	**5”**	**4”**	**3”**	**2”**	**1”**
Single Row Spacing	12”	12”	12”	12”	12”	12”	12”	9”	6”	3”
Multiple Row Spacing	12”	12”	12”	12”	12”	12”	12”	9”	6”	3”
Module-To-Module Spacing	6”	6”	6”	6”	6”	6”	6”	6”	6”	3”

Packaging Specifications

Packages	# Modules Per Package
Bag	60 Modules
Inner Case	600 Modules | 10 Bags
Master Case	2,400 Modules | 40 Bags

Power Supply & Loading Specifications

	Series	Minimum # of Modules	Maximum # of Modules
PSB-1-12-12	12W Load	8 Qty.	32 Qty.
PSB-1-12-60	60W Load	16 Qty.	160 Qty.