USLED
Always the Right Choice!

Project	Date

Catalog Number	Type

Saver XL2 Red 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.
- 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 Red LEDs (623nm).
- 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	18 lm Per Module
Lumens Per Foot	36 lm/ft.
Efficacy	50 lm/W
Available CCT	Red 623nm
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 more modules per power supply, Saver XL2’s proprietary optic provides even greater distribution than ever before for more efficient installations.

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-R

SXL2			
Series	**# of LEDs Per Module**	**Voltage**	**CCT**
	1 1 LED	**12** 12VDC	**R** Red

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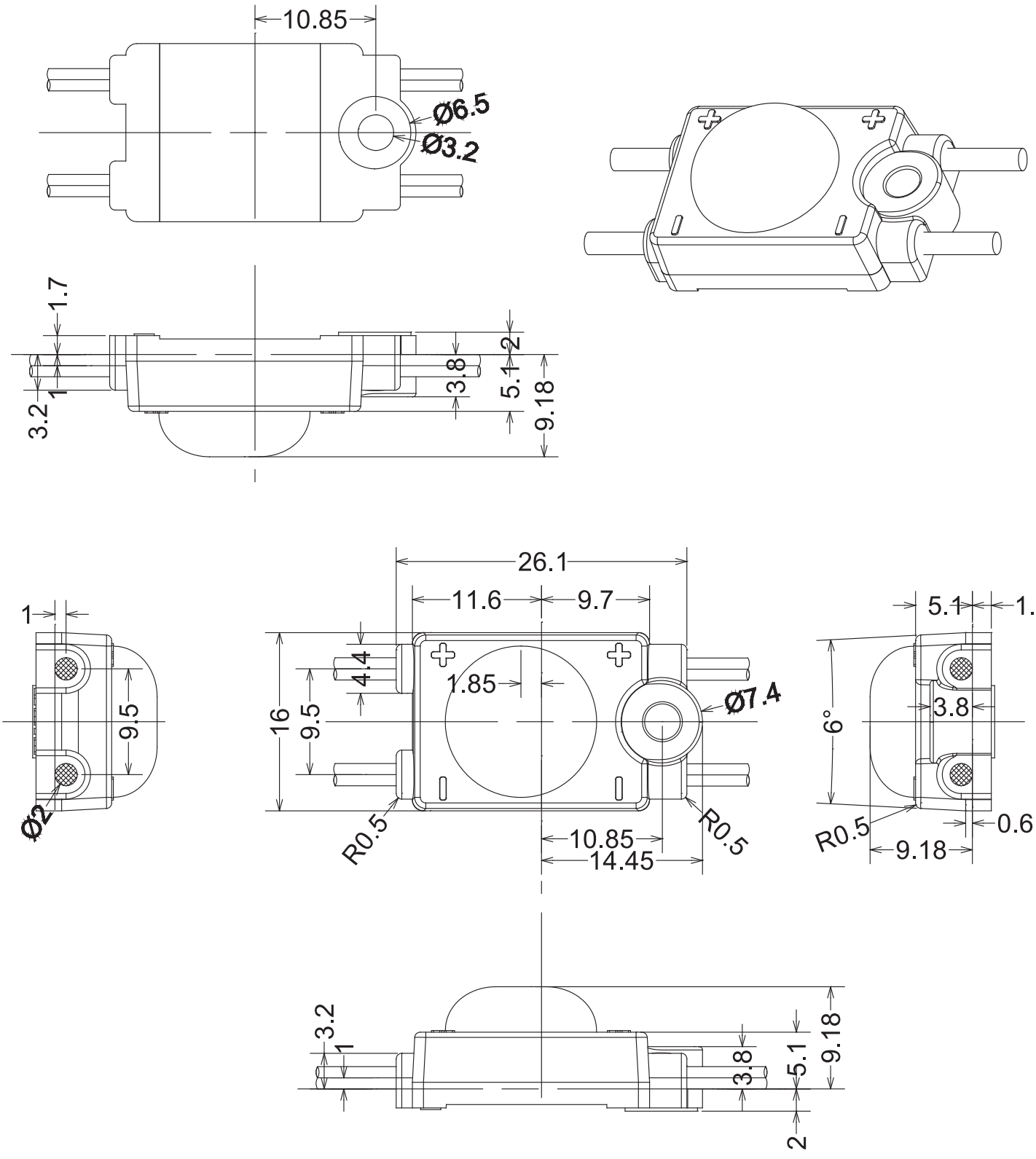
Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

Saver XL2 Red Modules

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Dimensions

All Dimensions Indicated Below In Millimeters (mm).



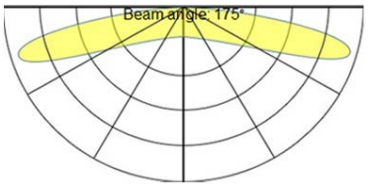
Saver XL2 Red Modules

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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-R	623nm	2	0.36W	.72W/ft.	18 lm	36 lm/ft.	50 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	4”	4”	4”	4”	4”	4”	4”	4”	4”	3”

Packaging Specifications

Packages	# Modules Per Package
Bag	60 Modules
Inner Case	600 Modules (10 Bags)
Master Case	2,400 Modules (40 Bags)
Pallet	100,800 Modules

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.

1. System power consumption, which includes power supply losses.
2. Estimated light output under application operating conditions.
3. For 5” depth sign.

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