



Illuminated Street Sign Single Sided Box Style



Part

ISS4S18, ISS6S18, ISS8S18, ISS10S18, ISS12S18 For complete signs
ISK4S18, ISK6S18, ISK8S18, ISK10S18, ISK12S18 For kits

Part # Format: IS S or K (complete sign or kit), 4 (length), S (Single Sided) 18 (height)

Technical Data Sheet

Scope

This specification covers the material and procedures of the manufacturing process, physical dimensions, and mechanical properties of the Illuminated Street Sign as manufactured by SA-SO.

Imagine Blvd

48" Sign w/out Logo
7 Characters +/-

Zeus Olympios Blvd

72" Sign w/out Logo
13 Characters +/-

E. Shirley A. Jackson Blvd

96" Sign w/out Logo
21 Characters +/-

The Second Star To The Right Blvd

120" Sign w/out Logo
28 Characters +/-

N. Millennium Falcon Kessel Run Blvd

144" Sign w/out Logo
31 Characters +/-

Illuminated Street Sign Specifications

Typeface & Sizes

Standard font used: Highway Gothic Condensed

Letter height for all street names: 10"

Letter height for all street designations
(St., Dr., Ave., etc.): 5"

Note: Spaces and punctuation also make up the total character count.

Printable Areas

48" Sign: 44.5" x 14"

72" Sign: 68.5" x 14"

96" Sign: 92.5" x 14"

120" Sign: 116.5" x 14"

144" Sign: 140.5" x 14"

IMPORTANT NOTICE: SA-SO trusts that the user of the product has the most accurate knowledge of how the product might be most efficiently or safely utilized in any given application or environment.

SA-SO trusts that the technical data and product information shown is based on thorough and accurate testing of the product, but is not liable for any loss or damage to the product (or by any other product, employee, or building from which the product might come into direct or indirect contact) resulting from an intentional or unintentional mishandling of the product.

Sizing Plan

Illuminated Street Sign without Logos

	Drawn By:	Approved By:	Date:
	J.Y. Rollins	M. Prince	07/05/17

Technical Description, Design, and Material

Description

Illuminated Street Nameplate, Single Sided Box Style, Ultra-Lightweight, Reflective, Length (specify), Manufactured as complete item or as a kit (specify) by SA-SO of Arlington, Texas.

Design

The sign face will have printable areas and maximum character lengths according to this table:

Sign Length	Printable Area	Characters	Characters with logo
4' Sign:	44.5" x 14"	7	5
6' Sign:	68.5" x 14"	13	11
8' Sign:	92.5" x 14"	21	17
10' Sign:	116.5" x 14"	28	24
12' Sign:	140.5" x 14"	31	29

Punctuation and spaces shall count towards the total character counts.

The standard font used is Highway Gothic Condensed, and other fonts are available per-request. The letter height for all street names shall be 10", and the letter height for all street designations shall be 5".

Logos may be added, but must fit in a 10x10" square. The logo is generally located on the left side of the sign, 4" from the edge and centered vertically, but may be printed elsewhere per-request.

Housing

The frame and end caps shall be made from .063 aluminum and shall be 18" tall. The housing shall be coated white, but the visible exterior may be another color per-request. Single-sided signs shall be box-shaped and mounted on the back to a rigid mast.

Sign Panel

The sign panel shall be constructed with a multi-wall, UV resistant, lightweight polycarbonate, coated with high intensity retroreflective sheeting which conforms to ASTM D4956-09 Type IV.

Lighting

There shall be six LED modules per linear-foot, and consume 6.6W per linear-foot.

Dimensions

SA-SO Illuminated Street Signs shall be available in lengths of 4', 6', 8', 10', & 12'. The height of the sign shall be 18". The sign shall be 4" thick.

The sign face shall be 18" tall. The letter height of the sign panel shall be 10" for all street names, and 5" for all street designations. The maximum logo dimensions (optional) are 10"x10". The printable area for the sign panel are as follows:

4' Sign:	44.5" x 14"
6' Sign:	68.5" x 14"
8' Sign:	92.5" x 14"
10' Sign:	116.5" x 14"
12' Sign:	140.5" x 14"

Mechanical Properties

Sign

MUTCD compliant

Frame: .063 White Enamel Coated Aluminum

Sign face: ASTM D4956-09 Type IV Retroreflective Sheeting

Mounting: Compatible with all flat nameplate mounting devices

Weight: 3.5lb per linear-foot

LED

Certification: UL & cUL Recognized, CE, RoHS, IP67

Lifetime: 50,000 hours

Frequency: 120Hz, flicker-free

External Wire Length: 4ft

Connection Type: Pigtail

Operation Voltage: 100-130 VAC

Brightness: 1200 LUX

Operating Temperature: -40° to 176°F (-40° to 80°C)

IMPORTANT NOTICE: ACP International and SA-SO (a division of ACP International) trusts that the user of the product has the most accurate knowledge of how the product might be most efficiently or safely utilized in any given application or environment.

ACP International and SA-SO also trust that the above technical data and product information is based on thorough and accurate testing of the product, but are not liable for any loss or damage to the product (or any other product, employee, or building from which the product might come into direct or indirect contact) resulting from an intentional or unintentional mishandling of the product.



ACP International
521 N. Great Southwest Pkwy.
Arlington, Texas 76011 U.S.A.
P: (817) 640-0992
F: (817) 633-3131
Online: www.acpinternational.com



SA-SO
525 N. Great Southwest Pkwy.
Arlington, Texas 76011 U.S.A.
P: (972) 641-4911
F: (972) 660-3684
Online: www.sa-so.com

Last Modified
6/27/2019 9:33:31 AM