SIGN-1-Fi

SIGN & POLE MOUNT | SIGNF Series | 2.25" dia.
4-8W (250-500lm) | 120V-277V | HK LED

Project Name

Fixture Type



Line Voltage Sign LED Flood Light: SIGN-2-Fi in White

FEATURES

IP67

- 4W or 8W LED modular sign light.
- Wide flood distribution.
- CSA Listed for Wet Location, IP67 Standard.
- Utilize adjustable flood fixture head.
- Modular components - field changeable LED module.

SPECIFICATIONS

Materials
Machine from solid billet 6061-T6 corrosion-resistant aluminum with 304 stainless steel hardware. Available in 304/316 stainless steel or 360 brass upon request.

Finish
Polyester powder coat on all aluminum materials with RoHS compliant procedures. Anodized finish is available. Stainless steel and brass models are provided with brushed surface.

Optional Barn Door
Optional barn doors for glare control and precision cut off.
(See page 4 for details)

Voltage
120V-277V AC.

Wattage
4 or 8W HK LED.

Light Source
CRI 83. Available in CRI95 upon request. The chromaticity range is within a 3-step McAdam Ellipse. Standard CCT options are 2700K, 3000K, 4000K.

Dimming
0-10V dimming, phase dimming only at 120V.

Lamp Base/Socket
Innovative cone-shaped lamp base and receptacle socket maximize the surface contact area to dissipate heat more effectively. *(See "Resources" for details)*

ORDERING GUIDE

EXAMPLE: **SIGN-1-Fi-120V-4-30-BZ-24-BD-CM5**

MODEL	MATERIAL	VOLTAGE	WATTAGE	CCT	FINISH	EXTENSION
SIGN-1-Fi SIGNF Series 2.25" Sign Light Integrated HK LED Line Voltage	**BLANK** Aluminum (Standard) **NBR** Natural Brass[1] **NSS** Natural Stainless Steel[1] **CU** Natural Copper[1]	**120V** 120V **UNV** 120V-277V	**4** 4 Watts **8** 8 Watts	**27** 2700K **30** 3000K **40** 4000K	**BK** Black Powder Coat **BZ** Bronze Powder Coat **WT** White Powder Coat **ABK** Anodized Black[1] **ACL** Anodized Clear[1] **CC** Custom Powder Coat[1]	**LENGTH** **12** 12" **24** 24" **30** 30"

[1] Consult factory for specialty finish quoting and lead times

OPTIONAL INSTALLED ACCESSORIES

GLARE SHIELD	MOUNTING
BD Barn Door Glare Shields	**CANOPY MOUNT** **CM5** 5" Round Canopy Plate **CM1** 3.75" Square Canopy Plate **CM3** 4.75" Square Canopy Plate **SURFACE MOUNT** **CB4.0** 4" Round Surface Box **CB5.5** 5.5" Round Surface Box

• Most common listed, see Page 4 for additional options

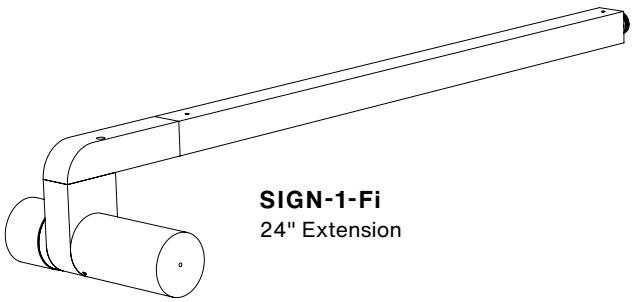
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

TRANSFORMERS (Go to Accessories for detailed specification)

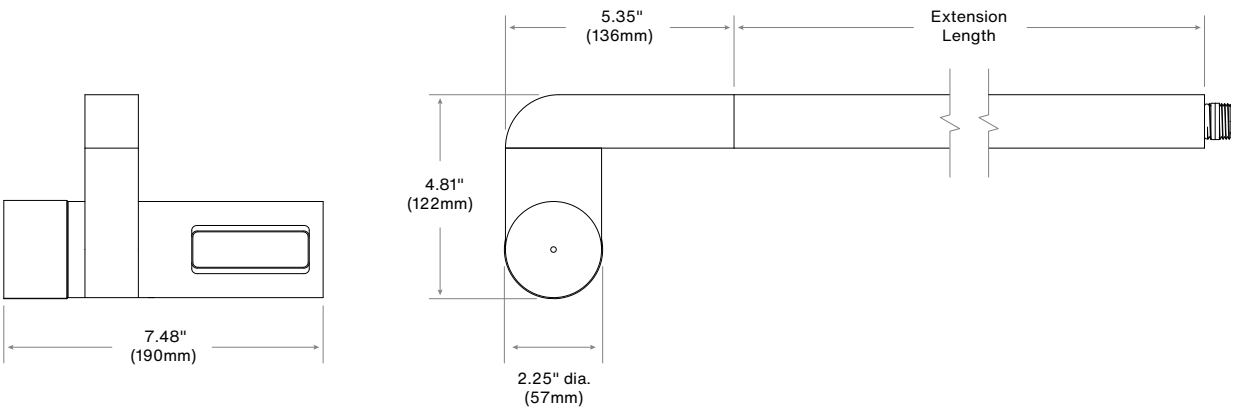
EXAMPLE: **TXS-150-SS**

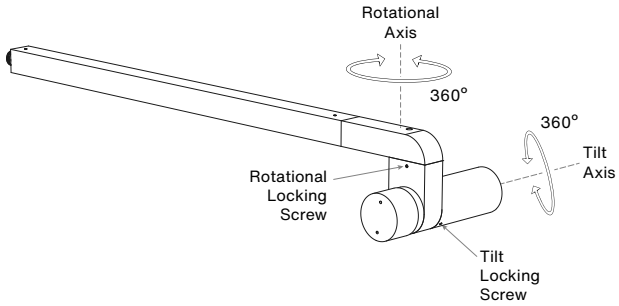
MODEL		WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
TXM	Stainless steel, wet location outdoor magnetic transformer Multitap | 12-15VAC Output | MLV Dimming	**150** **300**	**OTR-SS** (120V Only)
TXS	Stainless steel, wet location outdoor magnetic transformer Multitap | 12VAC Output | MLV Dimming	**150** **300** **600**	**SS** (120V Only)
TXM	Compact, damp location magnetic transformer 12VAC Output | MLV Dimming	**20** **40** **60** **100**	**120**
IGT	In ground outdoor magnetic transformer 12VAC Output | MLV Dimming	**50** (120V Only) **100** **300** **600**	**120** **277**
TXE	In-fixture or near mounted electronic transformer 12VAC Output | ELV Dimming | Enclosure by others	**60**	**120** **277**

PRODUCT DRAWINGS



SIGN-1-Fi
24" Extension

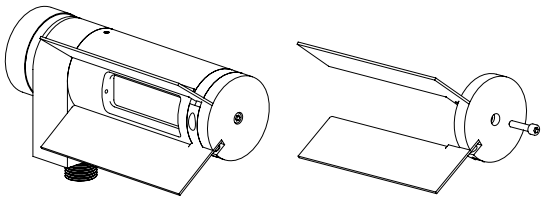




OPTIONS & ACCESSORIES

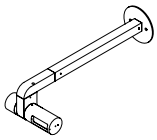
OPTIONAL GLARE SHIELD

Barn Door For ZFL16 Series-Single
Fastened With Set Screw

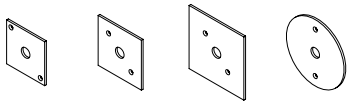


MOUNTING ACCESSORIES

Canopy Mount:

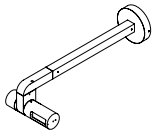


Fixture On CM5

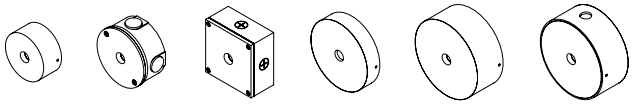


CM2 CM1 CM3 CM5

Surface Mount Box:



Fixture On CB5.1



CB3.5 CB4.0 CB4.0-SQ CB5.1 CB5.5 CB5.5-2K

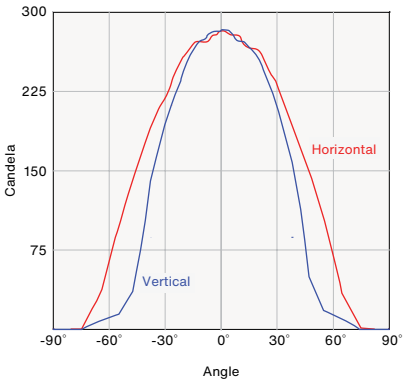
Notes:

PHOTOMETRY & ENERGY DATA

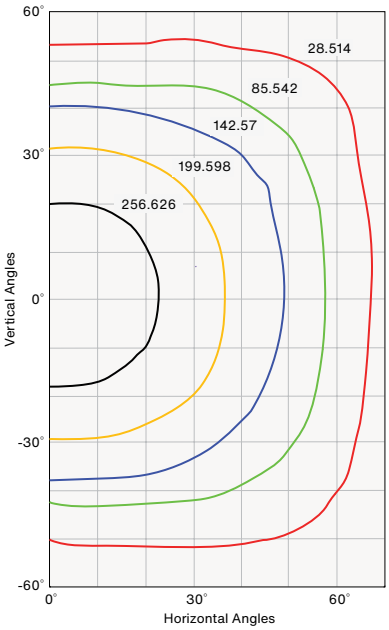
SIGN-1-Fi

Input Power	7.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Horizontal Beam Angle	96.4°
Vertical Beam Angle	77.1°
Max. Candlepower	285cd
Delivered Lumens	508lm
Efficacy	67.7lm/W

Axial Candela Display



Isocandela Curves



Maximum Candela = 285.14 Located at
Horizontal Angle = 0°, Vertical Angle = 0°
50% Maximum Candela = 142.57
10% Maximum Candela = 28.514

WATTAGE MULTIPLIER

Wattage	Multiplier
4 Watt	0.50
8 Watt	1.00

CCT MULTIPLIER

Color Temp.	Multiplier
2700k	0.97
3000k	1.00
4000k	1.05