

DATA SHEET SERIES MSL - NON-HAZARDOUS AREA LIGHTING



SERIES MSL COMPACT STAINLESS STEEL UL LISTED SIGHT GLASS LIGHT |

The UL-1571 Listed Series MSL-100 mini sight light provides high intensity illumination for sight glasses and sight flow indicators. Manufactured in the USA from heavy wall stainless steel and with gasketed joints, these fixtures are ideally suited for corrosive environments and sanitary applications found in the dairy, food, and pharmaceutical industries. The Series MSL is available with Halogen or High-Intensity LED [HI-LED] Lamps with various input voltage options.

DESIGN & APPLICATION:

a. Compact and Adaptable: The MSL Series compact cylindrical design makes it high adaptable to virtually any lighting application. The MSL Series can be used in a combination sight/light glass setup or by itself as a standalone illuminator with a separate viewing port.

b. Typical Applications: Chemical, pharmaceutical, biogas, Petrochemical and food processing user find the Series MSL to be ideal for illuminating Pressure vessels, bioreactors, laboratory mixers, filters as well as the interiors of various tanks, agitators, separators, pipelines and other, usually closed, vessels in non explosion proof classified operating environments.

c. Listing: Series MSL Lighting fixture are UL-1571 Listed for wet location.

d. Operation: Fixtures with lamps >50W are supplied with a momentary push button. Fixtures with HI-LED Light Engines or Halogen Lamps \leq 50W may be supplied with either momentary or toggle type switch for continuous operation. Long reach/remote switches are available.

STANDARD MATERIALS OF CONSTRUCTION:

Description	Material/Specification
Housing :	Type 304 Stainless Steel
Lamp:	Halogen or High-Intensity LED [HI-LED]
Switch:	Momentary on/off [$>$ 50W] or Maintained on/off [\leq 50W]
Cord Grip:	Stainless Steel for Type SJ Cord
Lens	Soda Lime Glass
Mounting Screw:	8-32

VARIOUS OPTIONS:

Long Reach and Remote Switch

Transformers

Adjustable Timers [P/N: NET-1-3]

Custom Brackets



PAPAILIAS, Inc. Series MSL
Non-Hazardous Area Sight Glass Light

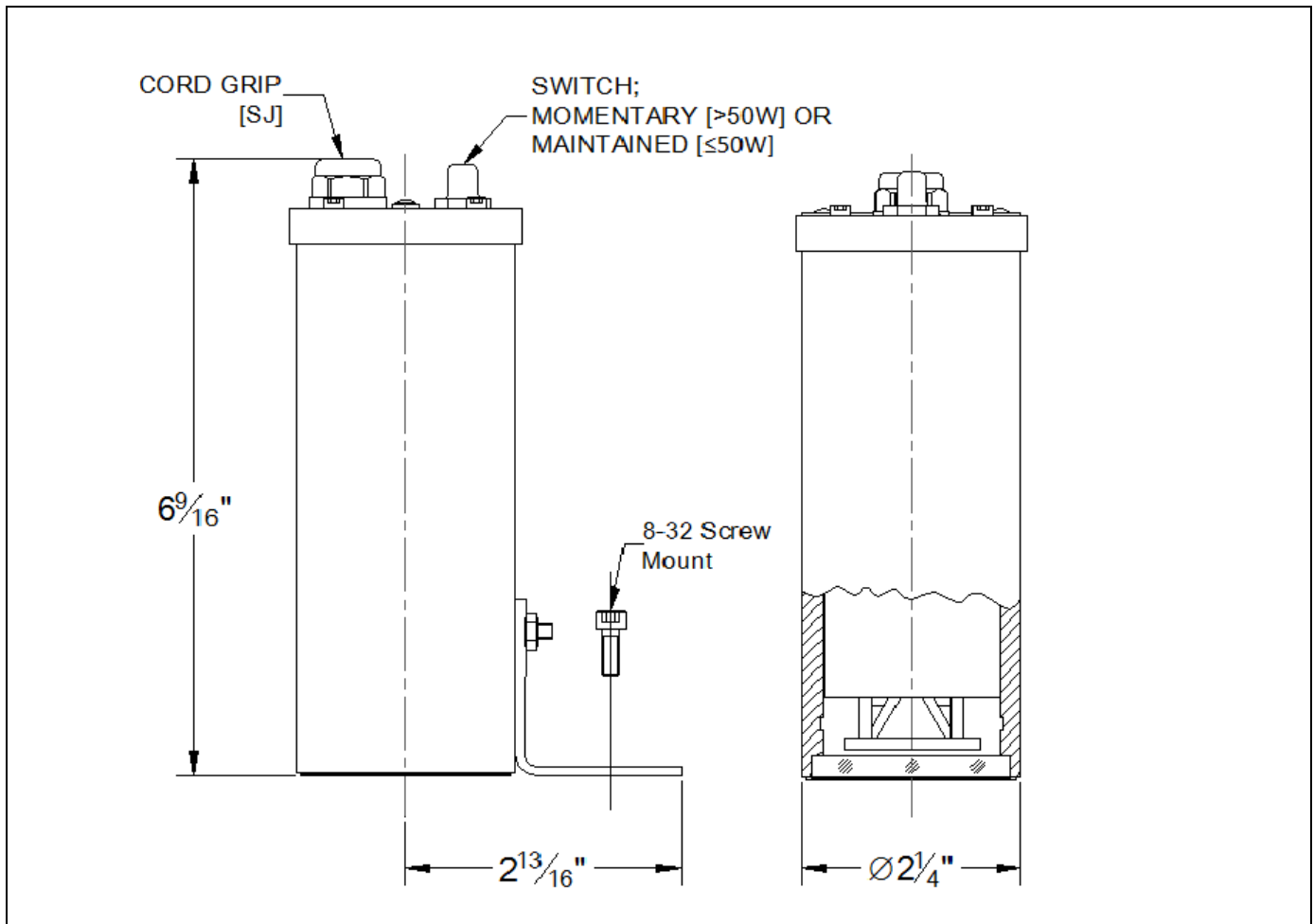


PAPAILIAS, Inc. Series MSL/NW
Weld Pad Type Combination Sight/Light Glass



PAPAILIAS, Inc. Series MSL/SVTC
Clamp Type Sanitary Light Glass

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Model No.	Lamp Type	Volts	Watts	Transformer	Lamp P/N	Switch
MSL-100-00	Halogen	115/120 VAC	100	Not Required	SP-MSL-100-115	Momentary
MSL-100-01	Halogen	220/240 VAC	100	Not Required	SP-MSL-100-230	Momentary
MSL-100-02	Halogen	115/120 VAC	50	Not Required	SP-MSL-50-115	Momentary [Standard] Toggle [Special Order]
MSL-100-04	Halogen	220/240 VAC	50	Not Required	SP-MSL-50-230	Momentary
MSL-100-05	Halogen	24 VDC	20	Not Required	SP-MSL-20-24	Momentary [Standard] Toggle [Special Order]

MSL-HI-LED-00	LED	115/120 VAC	4 /100 ¹	Not Required	SP-HI-LED-00	Toggle [Standard] Momentary [Special Order]
MSL-HI-LED-01	LED	220/240 VAC	4 /100 ¹	Not Required	SP-HI-LED-01	Toggle [Standard] Momentary [Special Order]
MSL-HI-LED-03	LED	24 VDC	4 /100 ¹	External	SP-HI-LED-00	Toggle [Standard] Momentary [Special Order]

¹ Equivalent Output to a 100Watt Halogen Lamp