

Attic/soffit locations requiring one (1) lighting outlet near the sign equipment and controlling usual point of entry to the space.

SloanLED POWER SUPPLY

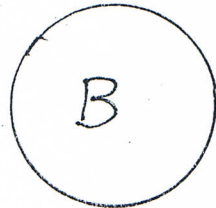
IP 55 - Rated
120 VAC Primary
12 VDC Secondary
Class II Wiring per NEC
Overload protection

SloanLED SUPPLY WIRE

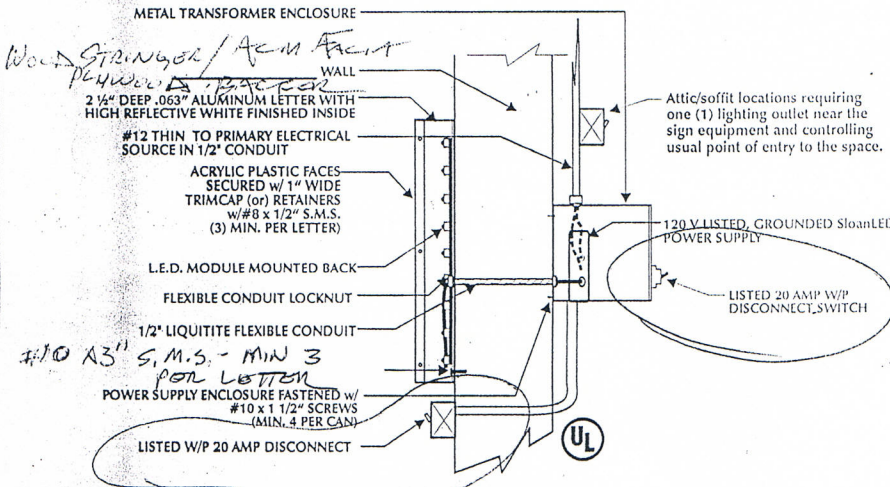
7-Strand, 14 Gauge Wire
UL outdoor low-voltage lighting cable
Similar metals and PVC-insulated copper

SloanLED SPLICE CONNECTORS

Positive snap-locking mechanism
Similar metals for corrosion resistance



SIDE VIEW



VOLTAGE 120

ALL ELECTRICAL COMPONENTS ARE LISTED SIGN GROUNDED ACCORDING TO NEC 250

QTY.	SOURCE	TYPE	AMPS	TOTAL
3	POWER SUPPLY		1.5	4.5
				TOTAL AMPS
				4.5

FOR ALL OUTDOOR LOCATIONS, ALL RACEWAYS FITTINGS AND BOXES ARE WEATHERPROOF AND INCLUDE DRAIN HOLES
NOTE: ALL ELECTRICAL COMPONENTS CONFORM TO UL 48 STANDARDS FOR SAFETY

ELECTRICAL

- Sign to be listed as per NEC 600.3.
 - Sign to have disconnect switch as per NEC 600.6 located at the end of sign or raceway. The control switch amps rating not less than twice the ampere rating of power supplies or ballasts as per NEC 404.14 and 600.6 (B).
 - Branch circuits not to exceed 20 amperes as per NEC 600.5 (A) & (B).
 - Grounding and bonding as per NEC 600.7 (A) and (B) including article 250.
 - Equipment grounding to be grounded by connection as per NEC 600.7 (a) (1) and 250.118.
 - Grounding conductor sizing as per NEC 600.7 and 250.122.
 - Equipment grounding connection to be in accordance with 250.8.
 - power supplies grounded as per NEC 600.7.
 - Sign to be marked as per NEC 600.4 (A). Power supplies marked as per NEC 600.23 (F).
 - Section signs to be marked and installation instructions provided as per NEC 600.4 (C).
 - Sufficient number of 1/4" drain holes as per NEC 600.9 (D).
 - Primary wiring as per NEC 600.21 within the sign as per NEC 600.22. Grounding as per NEC 600.7 and article 250.
 - Power supplies as per NEC 600.24 (A), (B) and (C).
 - Attic/soffit sign equipment locations requiring at least one (1) lighting outlet containing a disconnect near the sign equipment as per NEC 600.21 (E).
 - Power supplies as per NEC 600.21, 600.23 and 600.32.
 - Poly-Lok fill and secondary ground fault protection in compliance with UL 2161.
 - Primary conductors strain relief required as UL 48
- All sign circuits must be on time clocks as per: FL. E.E.C. 505.2

This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.

Installation Instructions

- Mount sign as required on engineered design drawings.
- Install and penetrate pattern to locate and mark all mounting and electrical conduit penetrations.
- Seal all wall penetrations.
- Connect secondary and primary supply conductors to provided splice connection conductors in appropriate splice compartment enclosure as intended and required by applicable codes.
- Make all electrical connections and test light.
 - Installation of all wiring and electrical connections must conform to national electrical code requirements.
 - Sign and structural must be properly grounded per requirements of national electrical code and applicable local codes.
 - Do not test light sign using the service truck generator.
 - Make sure service truck frame and body are grounded to earth ground before servicing the sign.
 - Electrical connection must be made on a dedicated 120v connection.
 - Confirm proper line voltage with voltage meter prior to connecting conductors to supply conductors.
 - Locate and mark to identify branch circuit(s) in electrical panel.
- Clean product of any fingerprints and installation debris.
- Clean site of all installation debris.

THE MANUFACTURER REQUIRES THAT ALL COMPONENTS BE LISTED BY A RECOGNIZED TESTING SERVICE

IN COMPLIANCE W/ F.B.C. 2007 HIGH VELOCITY HURRICANE ZONE SECTIONS: 1612 THRU 1626 AND ESPECIALLY 1620 AND 3107.
DESIGNED IN ACCORDANCE WITH THE F.B.C. 2007.
140 M.P.H. WIND LOAD REQUIREMENTS SECTIONS 1609 AND 1620 WIND LOADS.
WIND IMPORTANCE FACTOR 1.0
MEETS WIND LOAD REQUIREMENTS A.S.C.E. 7-02 @ 140 M.P.H., EXPOSURE C RESULTING IN A DESIGN PRESSURE OF 46.7 P.S.F. FOR Brevard COUNTY.

Dynamic Engineering Solutions, Inc.
John H. Omslaer, PE 52733, EB 26829
950 N Federal Hwy., Suite 211
Pompano Beach, FL 33069

[Handwritten signature and date]
11/27/14