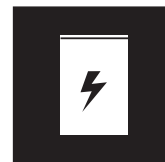


UNIQUE LIGHTING SYSTEMS®

Direct Burial: 12V Subterranean Transformer Series

Transformer Direct Burial Transformer Subterranean Series



PROJECT:	
TYPE:	
CATALOG NUMBER:	
LAMP(S):	
NOTES:	

TRANSFORMER ORDERING INFORMATION

Example: 1120DBSF (1120 Watt, Direct Burial, Secondary Fused)

MODEL WATTAGE

310 = 12V-13V Output Leads
360 = 12V-15V Output Leads
500 = 12V-17V Output Leads
600 = 12V-17V Output Leads
840 = 12V-20V Output Leads
1120 = 12V-22V Output Leads
1500 = 12V-22V Output Leads
1838 = 12V-22V Output Leads

TYPE

DB= Direct Burial Composite Enclosure
HLDB = Homeline Direct Burial (12V Only)
310-1120 Units only

OPTION 1

SF = Secondary Fuse

Output Wattage	Output Leads	120v Max Amps	Fuse Size
310	(12-13v)	2.58	3.00
360	(12-15v)	3.00	4.00
500	(12-17v)	4.16	5.00
600	(12-17v)	5.00	6.00
840	(12-20v)	7.00	8.00
1120	(12-22v)	9.33	10.00
1500	(12-22v)	12.50	13.00
1838	(12-22v)	15.31	16.00

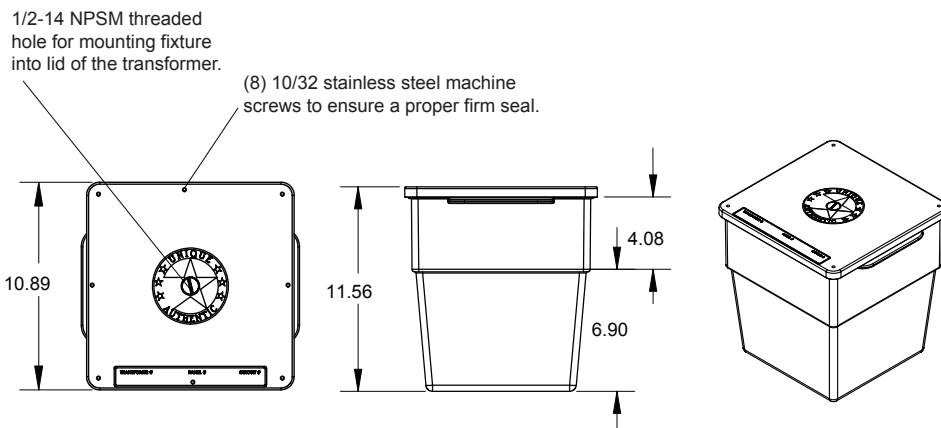
Name plate molded into lid of unit.

TRANSFORMER #	PANEL #	CIRCUIT #
1	1	13



Unique Lighting Systems® reserves the right to modify the design and/or construction of the fixture shown without further notification.

DIMENSIONS:



SPECIFICATIONS

Tru-Core™ Technology

Unique Lighting Systems' highest commitment is to set the standard for manufacturing, innovation and quality products. All Unique™ transformers up to 1120 watts are Tru-Core™ designed transformers. Tru-Core™ Transformers are engineered and built by Unique with solid copper core windings and the highest quality materials. Our high quality materials and precision grain-oriented steel laminations combine for an energy efficient product with very low no-load amps. We utilize dual layer insulation between the primary and secondary winding. As an industry leader we wind our own cores and specify all the materials including laminations, copper wire, surface area of the wire and more. You can buy a less expensive transformer, but you can only get the quality of a Tru-Core™ from Unique Lighting Systems®.

Core

Engineered single core design with precision grain-oriented steel laminations. High temperature glass impregnated nylon bobbin and solid copper mag wire. To ensure robust construction each output tap is welded to the mag wire for optimum connectivity.

Construction

Durable UV resistant composite box. Suitable for direct burial. Agency approval as "SUITABLE FOR GROUND-MOUNTED RECESSED."

Primary Protection

Replaceable 3AG Time Delay (glass slow-blow fuse).

Power

Unit must be hardwired

Electrical Requirements

Available power ratings 310, 360, 500, 600, 840, 1120, 1500 and 1838 Watts. Primary voltage is 120 volts, secondary voltage varies from 12V-22V output. See individual models for exact output leads.

Output Terminal

Each DB includes ready to wire color coded 10 gauge output wire lead.

Finish

Black UV resistant composite box standard.

Warranty

All transformers from Unique Lighting Systems® carry a limited lifetime warranty against manufacturer's defects.

Manufacturing

Manufactured to ISO 9001-2008 Quality Systems Standard.

Features & Benefits

- Injection molded glass filled resin housing is designed for direct burial in the ground
- Molded silicone gasket mates with double grooved top to provide weather-tight seal
- HL option includes one to three 12V lugs depending on wattage
- Easy to identify name plate molded into lid of unit
- Convenient 1/2"-14 NPSM threaded hole at the center of the lid to mount fixture directly to transformer
- Also available in 24V, see 24V specification sheet
- Separate primary and secondary compartments
- Conduit flats on all four sides



UL 2108: 2004 R4.11
CAN/CSA-C22.2 No. 250.0-08