

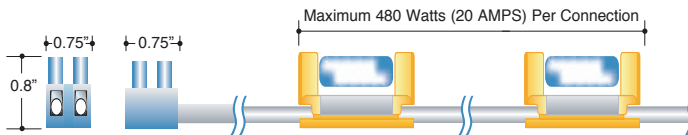


CONNECTORS

Terminal Block Connectors

The connector can be connected to one end of the Linia Cove Lighting fixture. The other end could be connected to #14, 12, or 10 AWG wire. The connector can be mounted through a hole in its center.

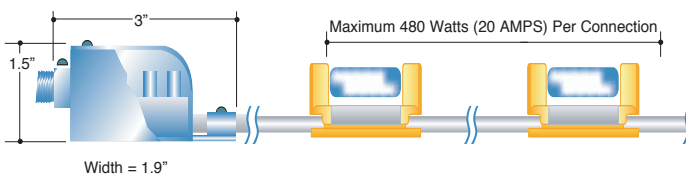
PART#: SL-TB



Mini Junction Box Connectors

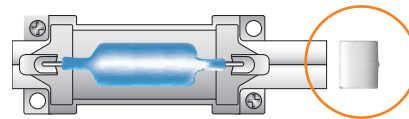
When wiring must be installed within a structure, it may be necessary to connect the fixture using coded wiring. In such cases, a very small junction box with a 1/2" knockout may be utilized with conduit fittings.

PART#: SL-JBC



END CAPS

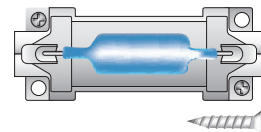
A vinyl end cap is supplied at the end of a run to safeguard the conductors.



MOUNTING SCREWS

PART#: SL-SC

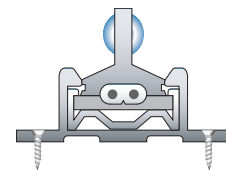
Four holes are found in each lamp socket. Two screws in opposite corners must be tightened for proper installation.



CHANNEL CLAMPS

PART#: SL-CL

These clamps, which can easily be screwed into position, are compatible with the SL1/SL2-MC mounting channel.



REPLACEMENT LAMPS



**SL1 -
RIGID LOOP XENON
REPLACEMENT LAMPS**

CATALOG	WATTAGE	VOLTAGE	COLOR
SL1-5000899	5W	12V	FROSTED
SL1-5000852	5W	12V	CLEAR
SL1-5000901	10W	12V	FROSTED
SL1-5000853	10W	12V	CLEAR
SL1-5000883	5W	24V	FROSTED
SL1-5000854	5W	24V	CLEAR
SL1-5000903	10W	24V	FROSTED
SL1-5000855	10W	24V	CLEAR



**SL2 -
FESTOON XENON
REPLACEMENT LAMPS**

CATALOG	WATTAGE	VOLTAGE	COLOR
SL2-5000886	5W	12V	FROSTED
SL2-5000765	5W	12V	CLEAR
SL2-5000891	10W	12V	FROSTED
SL2-5000850	10W	12V	CLEAR
SL2-5000755	5W	24V	FROSTED
SL2-5000766	5W	24V	CLEAR
SL2-5000756	10W	24V	FROSTED
SL2-5000851	10W	24V	CLEAR

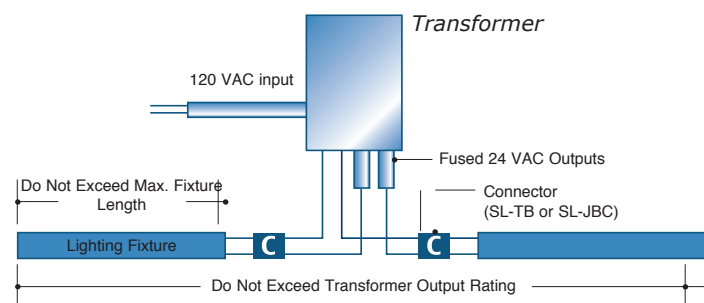
Max. Lamps /Circuit	5W/24V		10W/24V		1W/12V
	96 Lamps		48 Lamps		LED
Lamp Spacing	Maximum Lengths				
2.4" O.C.	9.6 FT.	19.2 FT.	4.8 FT.	9.6 FT.	80 FT.
3" O.C.	12 FT.	24 FT.	6 FT.	12 FT.	100 FT.
4" O.C.	16 FT.	32 FT.	8 FT.	16 FT.	133 FT.
6" O.C.	24 FT.	48 FT.	12 FT.	24 FT.	200 FT.

TRANSFORMER SPECIFICATION GUIDE

Requested wattage of transformer	= Lamp Wattage	X number of lamp/ft	X Length
	5W 10W	2.4" O.C. = 5 lamps 3" O.C. = 4 lamps 4" O.C. = 3 lamps 5" O.C. = 2.4 lamps 6" O.C. = 2 lamps	

Requested wattage of transformer	= Lamp Wattage	X number of lamp/ft	X Length
150W	5W	4" O.C. = 3 LAMPS	10'

WIRING DIAGRAM



In designing a lighting system, consideration must be given to the following points:

1. Maximum length of each fixture run
2. Output load of each transformer circuit
3. Total load of transformer.

To avoid a voltage drop, long runs of the product can only be maintained by centrally locating the transformer and feeding fixtures on either side.

MAXIMUM FIXTURE SIZE

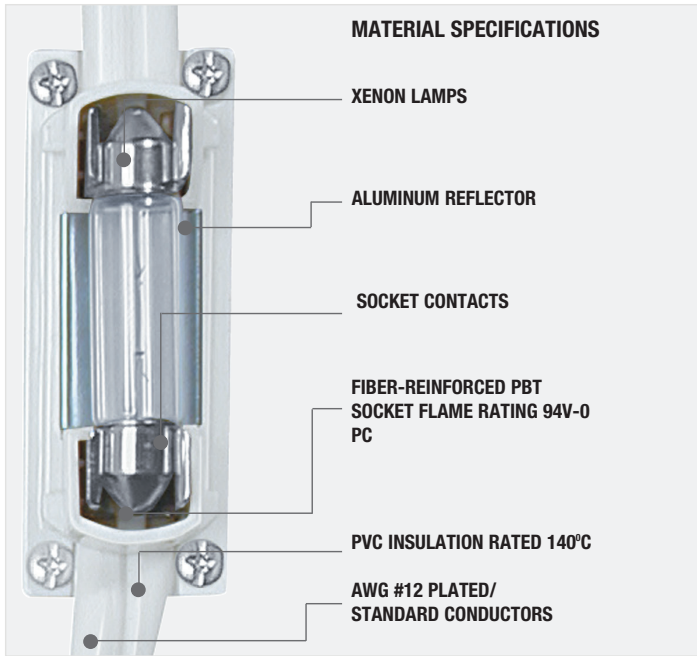
The maximum capacity of a fixture must not exceed 20 amps (480 watts @ 24 volts and 240 watts @ 12 volts). If a run length exceeds these limitations, then it should only be provided by multiple fixtures. Each fixture would then require an independent feed running to the transformer. Additionally, fixtures using 5-watt and 10-watt lamps 6" on center are further restricted in length to prevent excessive drops in voltage. Please call our technical department for more details.

TRANSFORMERS



Transformers are UL- and CUL-listed for use with lighting fixtures. These transformers are for use with 120/240 VAC/60 Hz input. The 24/12 volt secondary outputs are protected by resettable breakers. The appropriate transformer can easily be determined by multiplying the number of lamps by the watts per lamp. For larger transformers (ODX-750S, ODC-750S, ODX-1000 and ODX-1200X), consideration should be given to the maximum capacity of each fused output. Capacities shown are conservative underestimates by approximately 10%.

Part#	Type	Output(12v)	Output(24V)	Approximate Sizes and Weight			
				Depth	Height	Width	Weight
EV24-150	Magnetic	1@150 watts	1@150 watts	3"	8"	4-3/16"	14 lbs.
EV24-200	Magnetic	1@200 watts	1@200 watts	3"	8"	4-3/16"	14 lbs.
ODC-250S	Magnetic	1@250 watts		3-3/8"	8-1/16"	4-3/16"	16 lbs.
ODX-250S-24	Magnetic		1@250 watts	3-3/8"	8-1/16"	4-3/16"	16 lbs.
EV24-300	Magnetic	1@300 watts	1@300 watts	3-3/8"	8-1/16"	4-3/16"	16 lbs.
ODX-500	Magnetic	2@250 watts	1@500 watts	4-1/4"	9-7/16"	4-11/16"	20 lbs.
ODX-600S	Magnetic	2@300 watts	1@600 watts	4-1/4"	9-7/16"	4-11/16"	20 lbs.
ODC-750S	Magnetic	3@250 watts		4-1/4"	9-7/16"	4-11/16"	28 lbs.
ODX-750S-24	Magnetic		2@375 watts	4-1/4"	9-7/16"	4-11/16"	28 lbs.
ODX-1000	Magnetic	4@250 watts	2@500 watts	4-15/32"	8-13/32"	7-13/16"	32 lbs.
ODX-1200S	Magnetic	4@300 watts	2@600 watts	5-7/16"	10-9/16"	6-3/4"	35 lbs.



SAFETY CERTIFICATION

Maximum fixture loads are not to exceed a maximum of 20 amps (480 watts @ 24 volts).

HEAT DATA

FIXTURES

Sufficient ventilation is needed to control the temperatures produced by light fixtures.

Fully complies with NEC/NFPA 70 Articles 410-415, which stipulates that all fixtures shall be built, installed, or equipped with guards or shades, so as to avoid the exposure of combustible material to temperatures above 90°C or 194°F.

Installation of Linia Cove Lighting Systems must adhere to the minimum space requirements illustrated below in order to ensure compliance with the above regulations.

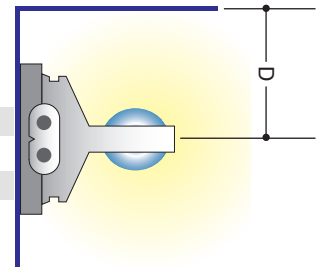
TRANSFORMERS

Open air flow is critical to the placement of transformers. Areas that have high temperatures or lack of sufficient air flow are not suitable for installation of transformers.



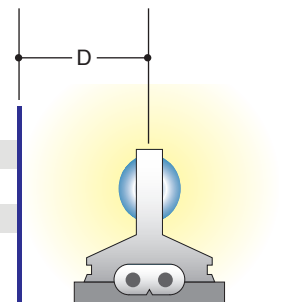
Results using
Basic System/Horizontal

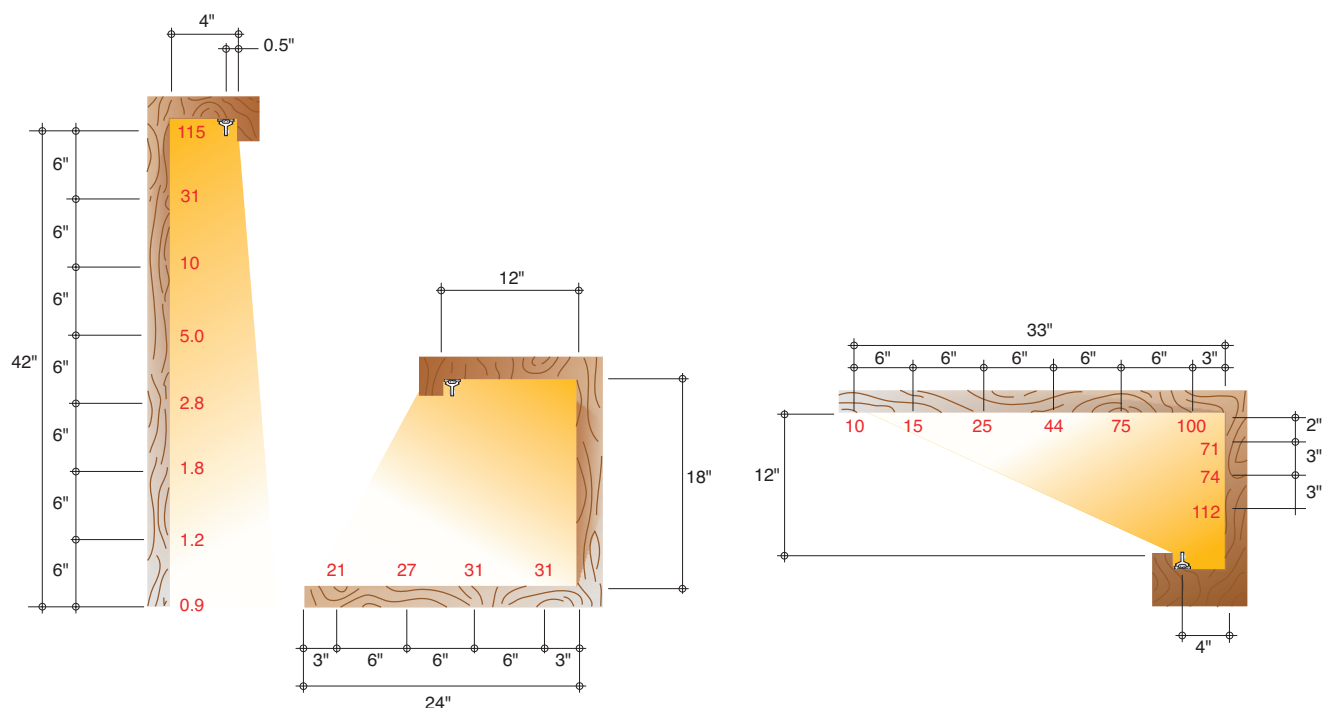
WATTS	MINIMUM DISTANCE (D)
5	1"
10	1.5"



Results using
Basic System/Vertical

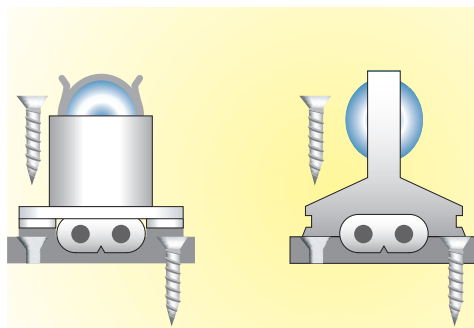
WATTS	MINIMUM DISTANCE (D)
5	0.5"
10	1"



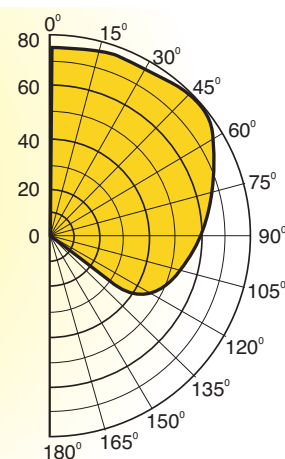


- 5 Watt, 32 Lumen Lamp
- 10 Watt, 95.0 Lumen Lamp

2.4" O.C., Multiply by 1.24
4.0" O.C., Multiply by 0.73
6.0" O.C., Multiply by 0.51



LAMPING
16" 5 Watt/40 Lumen
3" O.C. Spacing,
48" Total Length



LINIA COVE LIGHTING SYSTEM