

3" LOW VOLTAGE IC SERIES HOUSING

Catalog Number

Project Name

Type

BL31C

3" MINIATURE LOW VOLTAGE IC HOUSING

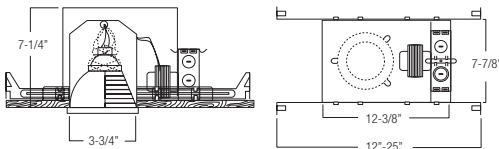


COMPACT DESIGN

TRANSFORMER CAN BE SERVICED FROM BELOW THE CEILING

DESCRIPTION

Small aperture, low voltage, thermally protected IC rated, specification grade recessed housing designed for new construction. Accommodates up to 50W MR16 lamps. 7-1/4" height allows use in 2"x 8" joist construction.



SPECIFICATION

OUTER HOUSING - Die-formed aluminum construction for maximum heat dissipating air chamber on top of the housing. Junction box could be accessed from inside and outside housing.

INNER HOUSING - Deep-drawn single piece aluminum construction for maximum heat dissipation and rust protection. Adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" ceiling.

TRANSFORMER - Enhanced in heat dissipating cover, to provide noise free operation. Attached to junction box cover so it may be serviced from below the ceiling. Thermally protected.

- **M**-Class H dimming magnetic transformer.
- **E**-Class II dimming electronic transformer (LIGHTECH part #LET 75 BF)
- **TOR**-Class H dimming toroidal transformer, providing 35% more lumens than traditional transformers. Constructed of M3 grade silicone steel. (Must use dimmers rated for electromagnetic transformer)

BAR HANGERS - Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary.

JUNCTION BOX - ETL listed for through-branch circuit wiring and has four 1/2" KOs, one 3/4" KO and four Romex knockouts with true pry-out slots and strain clamps.

ETL and C-ETL listed

For Damp location

For Feed-through wiring

For Direct contact with insulation



OPTION

1. AIR-SHUT-

- Gasket to prevent air flow from heated or air conditioned spaces.

- Meets all national air flow requirements.

TYPE	WATTAGE	BALLAST	VOLTAGE	OPTION
BL31C	<input type="checkbox"/> 20W	<input type="checkbox"/> M=Magnetic	<input type="checkbox"/> 120	<input type="checkbox"/> AT Air-Shut
	<input type="checkbox"/> 35W	<input type="checkbox"/> E=Electronic	<input type="checkbox"/> 277	
	<input type="checkbox"/> 50W	<input type="checkbox"/> TOR=Toroidal		

Toroidal = Available only in 120V

BL31CE-S

3" MINIATURE LOW VOLTAGE SHALLOW IC HOUSING

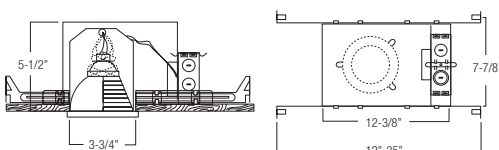


DESIGNED FOR 2" X 6" JOIST CONSTRUCTION

TRANSFORMER CAN BE SERVICED FROM BELOW THE CEILING

DESCRIPTION

Small aperture, low voltage, thermally protected IC rated, specification grade recessed housing designed for new construction. Accommodates up to 35W MR16 lamps. 5-1/2" height allows use in 2"x 6" joist construction.



SPECIFICATION

OUTER HOUSING - Die-formed aluminum construction for maximum heat dissipating air chamber on top of the housing. Junction box could be accessed from inside and outside housing.

INNER HOUSING - Deep-drawn single piece aluminum construction for maximum heat dissipation and rust protection. Adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" ceiling.

TRANSFORMER - Enhanced in heat dissipating cover, to provide noise free operation. Attached to junction box cover so it may be serviced from below the ceiling. Thermally protected.

- **E**-Class II dimming electronic transformer (LIGHTECH part #LET 75 BF)

JUNCTION BOX - ETL listed for through-branch circuit wiring and has four 1/2" KOs, one 3/4" KO and four Romex knockouts with true pry-out slots and strain clamps.

ETL and C-ETL listed

For Damp location

For Feed-through wiring

For Direct contact with insulation



OPTION

1. AIR-SHUT-

- Gasket to prevent air flow from heated or air conditioned spaces.

- Meets all national air flow requirements.

TYPE	WATTAGE	BALLAST	VOLTAGE	OPTION
BL31CE-S	<input type="checkbox"/> 20W	<input type="checkbox"/> E=Electronic	<input type="checkbox"/> 120	<input type="checkbox"/> AT Air-Shut
	<input type="checkbox"/> 35W		<input type="checkbox"/> 277	