BL4R

4" Miniature Low Voltage "Noise-Free" Non-IC Remodel Housing

LAMP WATTAGE: (1) MAXIMUM 12V 75W MR16

DESIGNED FOR 2" X 6" JOIST CONSTRUCTION

11"
(280 mm)

C
A
B
D

5-1/2"
(140 mm)

4-3/8"
(110 mm)
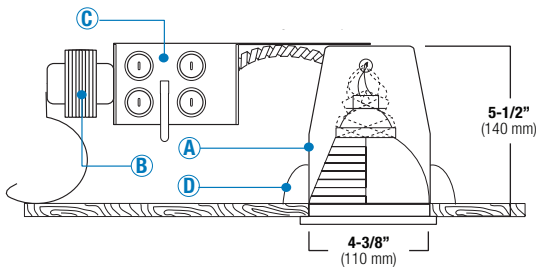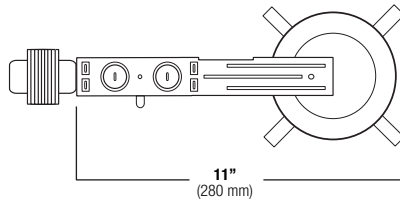
DESCRIPTION

Small aperture low voltage, thermally protected remodel housing. For fast and easy installation in existing plaster or mechanical ceilings from ½" to 1-3/8" thick. Four remodel clips are easily retractable for fixture removal if necessary. Accommodates up to 75W MR16 lamps. Junction box is provided with eight ½" KOs, and four Romex knockouts with strain relief.
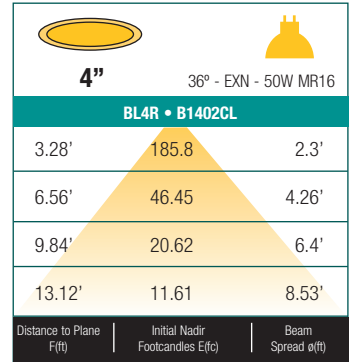
SPECIFICATION
A. HOUSING

- High temperature painted 22 gauge deep drawn single piece housing. Accommodates lamps up to 50W depending on trim used.

B. 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)

C. JUNCTION BOX - ETL and UL listed for through-branch circuit wiring and has eight ½" KOs and four Romex knockouts with strain relief.

D. INSTALLATION - Four preinstalled spring clips which secure the housing firmly into ceiling to accommodate different ceiling thickness from ½" to 1-3/8".

4" | 36º - EXN - 50W MR16

BL4R • B1402CL		
3.28'	185.8	2.3'
6.56'	46.45	4.26'
9.84'	20.62	6.4'
13.12'	11.61	8.53'
Distance to Plane F(ft)	Initial Nadir Footcandles E(fc)	Beam Spread ø(ft)

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

FEATURES
- Integral low voltage magnetic transformer to prolong lamp life and increase lighting quality.
- Thermally Protected Non-IC remodel housing.
- Can be installed from below the ceiling.
- Four preinstalled spring clips which secure the housing firmly into ceiling to accommodate different ceiling thicknesses from ½" to 1-3/8".
- Designed for accent and task lighting applications.
- Dependable, favorable design and effortless installation.
- 5-½" height allows use in 2" x 6" joist construction.
- Unit clips through 4-¼" ceiling opening.

OPTIONS
1. AIR-SHUT
- **Gasket to prevent air flow from heated or air conditioned spaces.**
- **Meets all national air flow requirements.**

UL AND C-UL/ETL AND C-ETL LISTED
For Damp location
For Feed-through wiring

SAME DAY SHIPPING

PROUDLY ASSEMBLED in AMERICA

c(UL)us LISTED

c(ETL)us Intertek

BL4R - ITEM SELECTOR: (Please check the boxes below for the option desired)

WATTAGE	TRIM TYPE						BAFFLE	TRIM RING	MR 16 LENS FILTER	
☐ 20W	☐ B1451 ¹	☐ B1476 ²	☐ B1494	☐ B1425	☐ B1439	☐ B1411	☐ W	☐ WH	☐ BP8MR16-BL (Blue)	☐ BP8MR16-FR (Frosted)
☐ 35W	☐ B1453 ¹	☐ B1478	☐ B1496	☐ B1469	☐ B1463	☐ B1416	☐ P	☐ BK	☐ BP8MR16-GR (Green)	☐ BP8MR16-SP (Spread)
☐ 50W	☐ B1454 ¹	☐ B1488	☐ B1483	☐ B1442	☐ B1464	☐ B1407	☐ SN	☐ SN	☐ BP8MR16-PI (Pink)	☐ BP8MR16-SF (Soft Focus)
☐ 75W	☐ B1455 ¹	☐ B1486	☐ B1432	☐ B1420	☐ B1465	☐ B1414	☐ CP	☐ CP	☐ BP8MR16-PU (Purple)	☐ BP8MR16-HC (Honey Comb)
BALLAST	☐ B1456 ¹	☐ B1489	☐ B1434	☐ B1422	☐ B1466	☐ B1415	☐ BZ	☐ CH	☐ BP8MR16-DL (Day Light)	☐ BP8MR16-LI (Linear)
☐ (M) Magnetic	☐ B1457 ¹	☐ B1479	☐ B1435	☐ B1413	☐ B1467	☐ B1404	**REFLECTOR**	☐ PB	☐ BP8MR16-YE (Yellow)	☐ BP8MR16-SOL (Solite)
☐ (E) Electronic	☐ B1458 ¹	☐ B1487	☐ B1484	☐ B1426	☐ B1408	☐ B1418	☐ CL	☐ BZ	☐ BP8MR16-AM (Amber)	☐ BP8MR16-CL (Clear)
☐ (TOR) Toroidal ³	☐ B1459 ¹	☐ B1485	☐ B1436	☐ B1427	☐ B1406	☐ B1419	☐ RG	☐ CH ¹	☐ BP8MR16-OR (Orange)	☐ BP8MR16-UV (Ultraviolet)
VOLTAGE	☐ B1460 ¹	☐ B1491	☐ B1440	☐ B1430	☐ B1401	☐ B1433	☐ W	☐ SS ²	☐ BP8MR16-RE (Red)	
☐ 120	☐ B1470 ²	☐ B1480	☐ B1441	☐ B1431	☐ B1402	☐ B1417	☐ MB			
☐ 277	☐ B1471 ²	☐ B1495	☐ B1421	☐ B1462	☐ B1412	☐ B1477	☐ BZ			
OPTION	☐ B1472 ²	☐ B1490	☐ B1424	☐ B1452	☐ B1468		☐ CP			
☐ AT (Air-Shut)	☐ B1474 ²	☐ B1492	☐ B1423	☐ B1437	☐ B1461		☐ SN			
	☐ B1475 ²	☐ B1481	☐ B1409	☐ B1438	☐ B1403		☐ SHZ			

1 = CH - Chrome finished • **2** = SS - Stainless Steel finished • **3** = TOR -Toroidal available only in **120V**

BAFFLE		REFLECTOR		TRIM/RING	
W	White	CL	Chrome	WH	White
P	Black	RG	Gold	BK	Black
SN	Satin Nickel	W	White	SN	Satin Nickel
CP	Copper	MB	Black	CP	Copper
BZ	Bronze	BZ	Bronze	CH	Chrome
		CP	Copper	PB	Polish Brass
		SN	Satin Nickel	BZ	Bronze
		SHZ	Satin Haze		

Specifications:

BL4R

___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___
WATT | BALLAST | VOLTAGE | OPTION | TRIM TYPE | BAFFLE | REFLECTOR | TRIM/RING | FILTER (1) | FILTER (2)

Sample of Catalog Number: **BL4R-20W-E-B1401-W-WH-BP8MR16-BL**

*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.