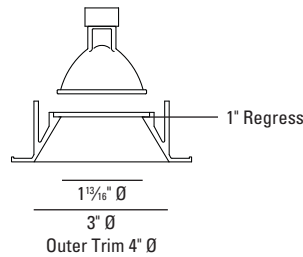


Downlight



LUMINAIRE INFORMATION

APPLICATION:

Accent luminaire for Residential, Commercial, Retail or Hospitality environments.

MATERIALS:

Trim: Die cast aluminum with torsion spring mounting.
 Housing: Fabricated of 20 ga. galvanized steel with thru wire J-box, 2 in 2 out (4 in 4 out for IC/ Airtight) at min. 90°C, #12 AGW thru branch circuit wiring. Housing and trim supplied as one complete unit.
 Trim Lens: Solite

LAMP: (not included) When using IR lamps, 37W Max.

New Construction / Chicago Plenum: (1) 71W max. MR16 GU5.3
 IC/Airtight: (1) 50W max. MR16 GU5.3

MOUNTING:

Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

VOLTAGE:

Specify 120V or 277V.

TRANSFORMER:

Low voltage magnetic toroidal HPF. Low voltage solid state electronic optionally available (consult factory).

Note: Due to transformer / dimmer match some dimmers may cause transformer hum. Check with dimmer manufacturer for suitability.

CEILING CUT OUT:

3 1/2" Ø

LISTINGS:

Dry/damp/wet under covered ceiling.



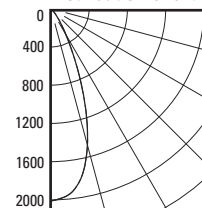
IC/Airtight housing meets Washington state airflow requirement and ASTM E283. Chicago Plenum housing is Chicago Plenum rated.
 IBEW union made.

NOTES:

- Housing included with trim.
- Maximum ceiling thickness 1 inch. Consult factory for other ceiling conditions.
- Maximum 1 lens option.

PHOTOMETRICS:

Distribution chart



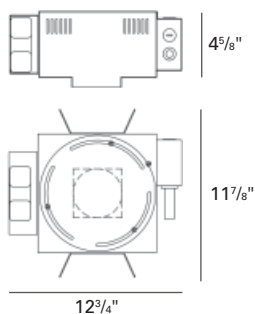
LTL No.: 15000.ies
 71W MR16 GU5.3 40°
 Solite lens
 84% Efficiency

Ft below	FC nadir	Dia. @ 50%
6.0	55.8	4.0
8.0	31.4	5.4
10.0	20.1	6.7
12.0	14.0	8.0
14.0	10.2	9.3
16.0	7.8	10.7

HOUSING INFORMATION

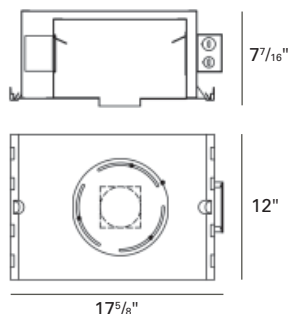
New Construction - (71W)

RDB100-NC



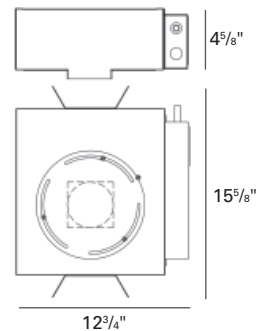
IC/Airtight - (50W)

RDB100-IC



Chicago Plenum - (71W)

RDB100-CP



ORDERING INFORMATION

Trim	– Finish	– Trim Lens*	– Housing	– Voltage	– Accessories
9800	10 - White	B - Borosilicate Clear Lens	RDB100-NC - New Construction	120V	CB27 - 27" C-Channel Bars
Bevel Trim	21 - Black	C - Clear Lens	RDB100-IC - Insulated Ceiling	277V	CB52 - 52" C-Channel Bars
Downlight,	28 - Metalized Grey	F - Frosted Lens	RDB100-CP - Chicago Plenum		ER - Emergency Relay
New Construction and Chicago Plenum: 71W MR16 GU5.3 IC/Airtight: 50W MR16 GU5.3		L - Linear Spread Lens P - Prismatic Lens S - Solite U - Anti UV Filter			

*Solite is standard unless option is specified

How to Specify	9800	–	–	–	–	–
	Trim	–	Finish	–	Trim Lens	–
		–	Housing	–	Voltage	–
		–	Accessories			