



PROJECT

TYPE

DATE

ITEM NO.

NOTE

2" MINI DEEP REGRESS LED DOWNLIGHT

MDDL-2 Series

2" Mini Deep Regress
LED Downlight

DESCRIPTION

The MDDL series is a versatile, modular, 2" mini regress downlight, it offers high-quality COB design color 2700-4000K and 3000-2000K dim to warm, 5-16W field selectale output, optional regress trims, reflectors, and optical lenses with various beam angles.

APPLICATION

The MDDL seamlessly integrates into a wide range of architectural environments, including hospitality spaces, showrooms, retail stores, commercial offices, residential areas, galleries, church, museums, and luxury interiors.



SPECIFICATION FEATURES

Construction

Remodel and detachable LED driver (Non-IC rated), aluminum housing for engine acting as the heat sink to maximize life. Come standard with 0-30° tilt angle and 360° horizontal adjustable holder precision aiming for perfect light placement.

Electrical

Offers a 2-in-1 LED driver compatible with 0-10V (1% Dimming deep) and TRIAC dimming (supports Leading-edge and Trailing-edge dimmer) for convenient inventory management. Dim to warm and up to CRI95 optional.

Certifications / Regulatory

UL listed for dry and damp locations rated, optional waterproof cover to upgrade to wet locations rated.

Warranty

5-year limited warranty. See complete warranty terms for details.

Quick Ship Product

ORDERING INFORMATION

Sample Number: **MDDL-2-10L5/940-B40-TL-RBK**

Series	Size	Lumen Package	CRI
MDDL - Mini Deep Regress Downlight	2 - 2"	10L5 - 16/13/10/8/5W, 1022/806/650/525/330lm	08L - 13W, 845lm
			9 - 90CRI 95 - 95CRI (For 08L only)

CCT	Beam Angle	Holder	Trim	Reflector Color
40 - 4000K 35 - 3500K 30 - 3000K 27 - 2700K DW - 3000~2000K (Dim to Warm, for 08L only)	B40 - 40° B45 - 45°	(Blank) - 30° Tilt angle and 360° Horizontal Ajustable	TL - Trimless TBK - Round trim with black flange TWH - Round trim with white flange	RBK - Black reflector RWH - White reflector RGD - Gold reflector RCS - Chrome silver reflector

Emergency Backup Option	Accessories Option
EM-18W - Remodel 18W emergency backup (Require field installation)	MDDL-2R-NCB-NIC - 2" Non-IC version New Construction Bracket for Round trimmed fixture MDDL-2R-NCB-IC - 2" IC version New Construction Bracket for Round trimmed fixture MDDL-2R-NCB-TL-NIC - 2" Non-IC version New Construction Bracket for Round trimless fixture MDDL-2R-NCB-TL-IC - 2" IC version New Construction Bracket for Round trimless fixture DL-2R-HB - 2" Round Black honeycomb cover DL-2R-WR - 2" Round Transparent waterproof cover to upgrade to wet rated DL-2R-Dxx - 2" Round Decorative Kit (First x can be Y, G, T, B, R as Yellow, Green, Transparent, Blue, Red for the color of the reflected lights; Second x can be B or W as Black or White for the shielding cover in the middle)* * Reference the combination of next page.

SUMMARY

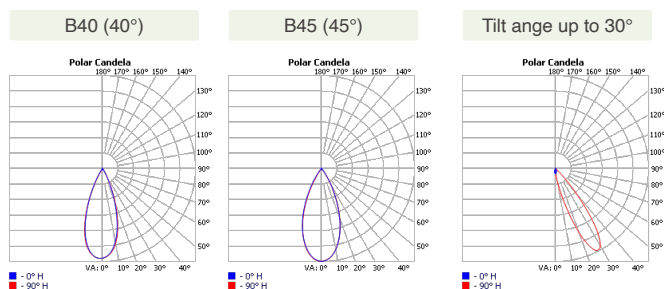
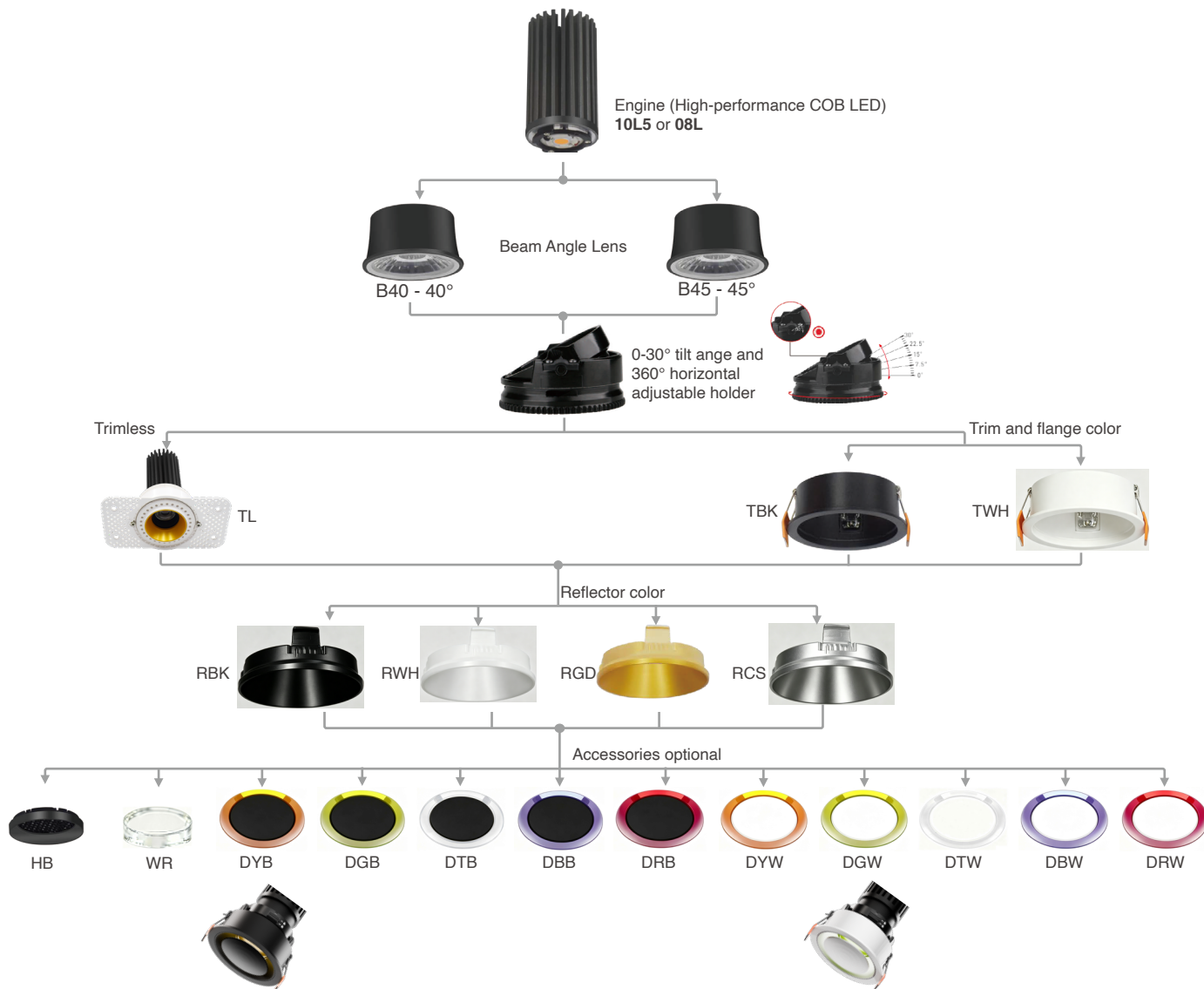
Input Voltage	120-277V (only 120V for Triac dimming)
Power Factor	> 0.9
THD	< 20%
Efficacy	> 62 LPW
Delivered Lumens	See energy data for details
Dimming	0-10V Continuous (1-100%) and Triac
CRI	> 90
CCT	2700K, 3000K, 3500K, 4000K or 3000~2000K dim to warm
Operating Temp.	-4°F~104°F (-20°C~40°C)
Rated Life	50,000 hours
IP Rating	IP20 or Wet location

ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
MDDL-2-10L5/9XX-B40-XXX	16/13/10/8/5	1022/806/650/525/330	62-66
MDDL-2-10L5/9XX-B45-XXX	16/13/10/8/5	1110/871/710/570/360	67-72
MDDL-2-08L/95DW-BXX-XXX	13	845	65

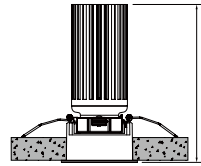
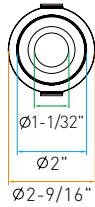
*The delivered lumens above are based on round trim, white reflector and 3000K.

**Default setting at time of shipping are highest wattage.

OPTICS

COMBINATION


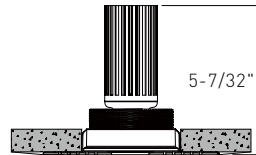
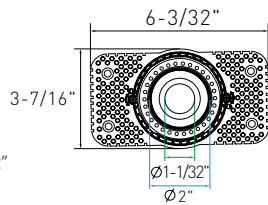
DIMENSION

With Round Trim



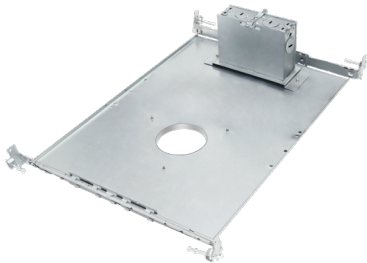
Requires opening size: Diameter 2-1/4"

With Trimless

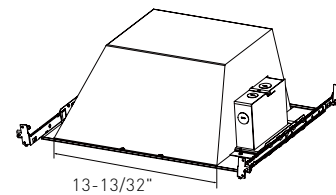
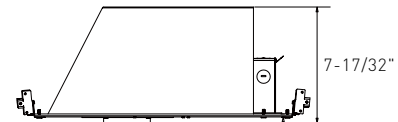


Requires opening size: Diameter 3-1/2"

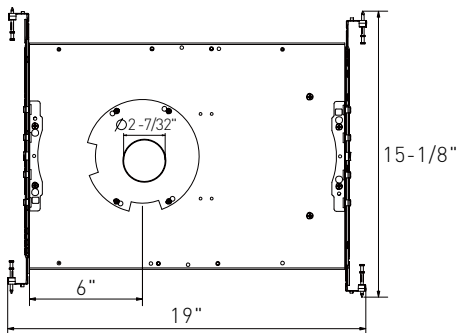
Non-IC New Construction Bracket



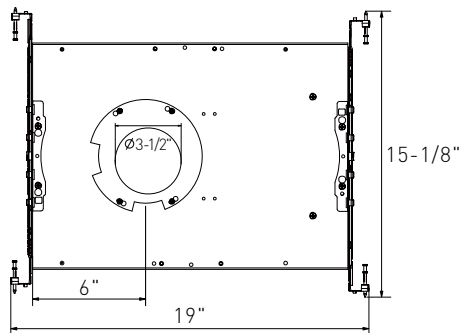
IC New Construction Bracket



MDDL-2R-NCB-NIC or IC



MDDL-2R-NCB-TL-NIC or IC



Remodel LED driver

