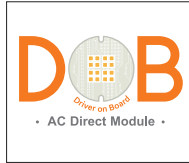


LED Multiple Recessed Luminare

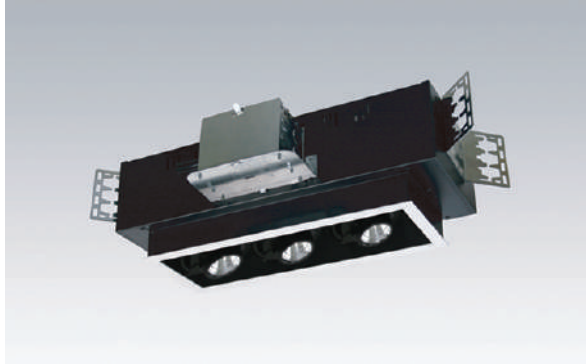
N-Series MCLD-DOB



Catalog #		Type
Project		Date
Prepared by		

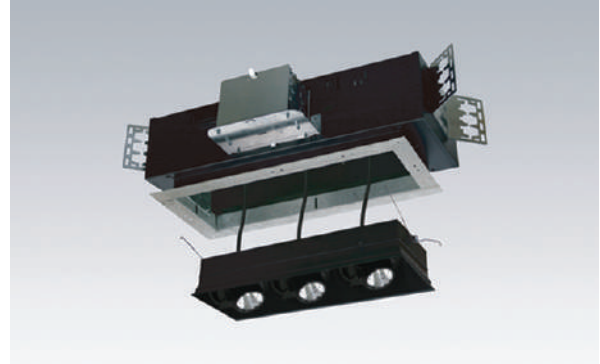
1, 2, 3 or 4 lights 15W, 20W & 30W LED

ACCENT MULTIPLE LIGHTS WITH HIGH WATTAGE LED MODULES



Finish : ■ Black
 ■ Silver
 □ White

■ 0.75" Trim Flange



■ Trimless

DESCRIPTION

The Multiple Cluster LED Recessed MCLD[®] Downlight is a family of MCLD series and designed by higher advanced LED technology with AC module by customized IC embeded circuit on board for full dimming by most of Triac or 0-10V dimming switches in the market. Low heat, long life running from DOB technology can warrant more than 5years in weather change circumstances with (-30~+40) range. It's provided with high end product and energy efficiency of the new LED source and offer in new construction with 1 to 4 lamp version. Equivalent to MCLD PAR20 / MR16 size housing. IC and Non-IC rated in metal housing. Max.30W rated on each head for Non-IC and Max.20W in IC insulated ceiling.

FEATURES and FUNCTIONS

Housing

- New construction housing available in single lampthrough 4 lamps models.
- Designed for easier accessible from below ceiling.

Trim

- Die casting powder coated trim and 0.75" overlap trim flange around the ceiling opening.

Trimless

- provide adjustable perforated mesh on trimless muddy frames in drywall/plaster ceilings by allowing the ceiling's mudding component to be applie

Junction Box

- Listed, through branch circuit wiring [max.8 No 12AWG 90°C Branch circuit conductors(4in, 4out)]

LED Engine

- 120V~277V AC LED module with intergrated IC chip imbeded on a board.
- 1,2,3 or 4 -15W,20W and 30W LED heads in 2700K~5000K color temp. Mounted on heat sink and adjustable lampholder up to 45 length x 45 width, and lock in position for the spot light into multiple directions. Color rendering index of 80 with color consistency over time.

Mounting

- New constructed mounting with channel bracket kit provides 5" vertical adjustment accommodates 1/2" EMT conduit, optional HB-24 or HBC-24 bar hanger or lathing channels for T-bar grid or concealed with spline ceiling.

Listing

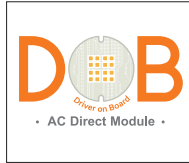
- CSA-us Certificated
- State of california Title 24
- Energy star Approved & Listed

Warranty

- 5years of lamp life.

LED Multiple Recessed Luminare

N-Series MCLD-DOB

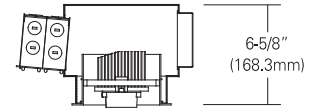
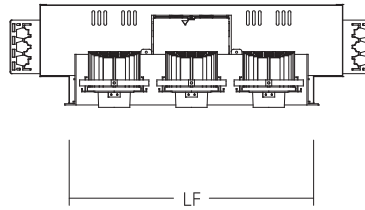
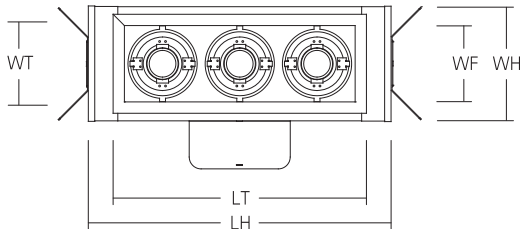


Catalog #		Type
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1, 2, 3 or 4 lights 15W, 20W & 30W LED

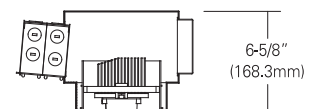
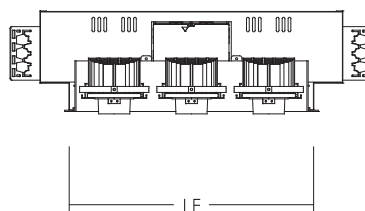
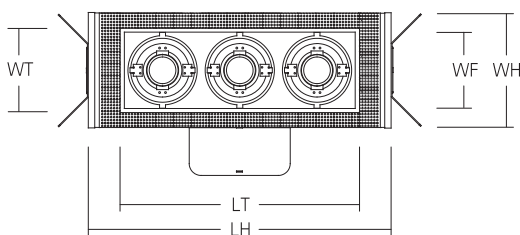
ACCENT MULTIPLE LIGHTS WITH HIGH WATTAGE LED MODULES

0.75" Trim Flange Dimension



No. of Lamps	Housing WH(Width) x LH(Length)	Trim WT(Width) x LT(Length)	Frame Opening WF(Width) x LF(Length)	Ceiling Cut-Out WC(Width) x LC(Length)
[1LN]	7-9/16" X 7-5/8" (192.5mm X 193.1mm)	6-9/16" X 6-9/16" (166.5mm X 166.5mm)	6-1/16" X 6-1/16" (154mm X 154mm)	6-1/4" X 6-1/4" (158.8mm X 158.8mm)
[2LN]	7-9/16" X 13-1/8" (192.5mm X 332.6mm)	6-9/16" X 11-11/16" (166.5mm X 296.5mm)	6-1/16" X 11-3/16" (154mm X 284mm)	6-1/4" X 11-3/8" (158.8mm X 288.9mm)
[3LN]	7-9/16" X 20-1/8" (192.5mm X 510.6mm)	6-9/16" X 16-13/16" (166.5mm X 426.5mm)	6-1/16" X 16-5/16" (154mm X 414mm)	6-1/4" X 16-1/2" (158.8mm X 419.1mm)
[4LN]	7-9/16" X 27-1/8" (192.5mm X 688.6mm)	6-9/16" X 21-15/16" (166.5mm X 556.5mm)	6-1/16" X 21-7/16" (154mm X 544mm)	6-1/4" X 21-5/8" (158.8mm X 549.3mm)

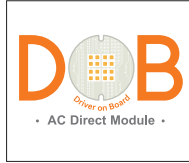
Trimless Dimension



No. of Lamps	Housing WH(Width) x LH(Length)	Trim WT(Width) x LT(Length)	Frame Opening WF(Width) x LF(Length)	Ceiling Cut-Out WC(Width) x LC(Length)
[1LN]	7-9/16" X 7-5/8" (192.5mm X 193.1mm)	5-9/16" X 5-11/16" (142mm X 144mm)	6-1/16" X 6-1/16" (154mm X 154mm)	6-1/4" X 6-1/4" (158.8mm X 158.8mm)
[2LN]	7-9/16" X 13-1/8" (192.5mm X 332.6mm)	5-9/16" X 10-13/16" (142mm X 274mm)	6-1/16" X 11-3/16" (154mm X 284mm)	6-1/4" X 11-3/8" (158.8mm X 288.9mm)
[3LN]	7-9/16" X 20-1/8" (192.5mm X 510.6mm)	5-9/16" X 15-7/8" (142mm X 403mm)	6-1/16" X 16-5/16" (154mm X 414mm)	6-1/4" X 16-1/2" (158.8mm X 419.1mm)
[4LN]	7-9/16" X 27-1/8" (192.5mm X 688.6mm)	5-9/16" X 21" (142mm X 533mm)	6-1/16" X 21-7/16" (154mm X 544mm)	6-1/4" X 21-5/8" (158.8mm X 549.3mm)

LED Multiple Recessed Luminare

N-Series MCLD-DOB



Catalog #		Type
Project		Date
Prepared by		

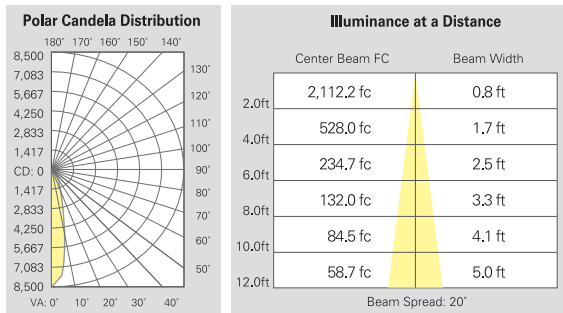
1, 2, 3 or 4 lights 15W, 20W & 30W LED

ACCENT MULTIPLE LIGHTS WITH HIGH WATTAGE LED MODULES

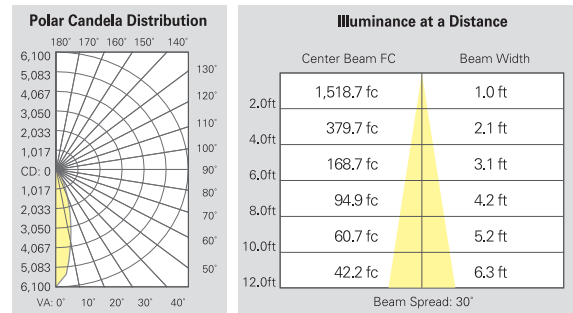
SPECIFICATION									
Wattage (+/-5%)	Type	Lumen (+/-5%)	Efficacy LPW (+/-5%)	Beam Angle	CRI (Typical)	LED Quantity	Color (+/-5%)	Lamp Life	Input Voltage
[15W]	N	1,050	70.0	20°	80	1EA (COB)	3000K 3500K 4000K	5 yrs.	120-277V
	M			30°					
	W			40°					
[20W]	N	1,400	70.0	20°	80	1EA (COB)	3000K 3500K 4000K	5 yrs.	120-277V
	M			30°					
	W			40°					
[30W]	N	2,100	70.0	20°	80	1EA (COB)	3000K 3500K 4000K	5 yrs.	120-277V
	M			30°					
	W			40°					

PHOTOMETRIC REPORT

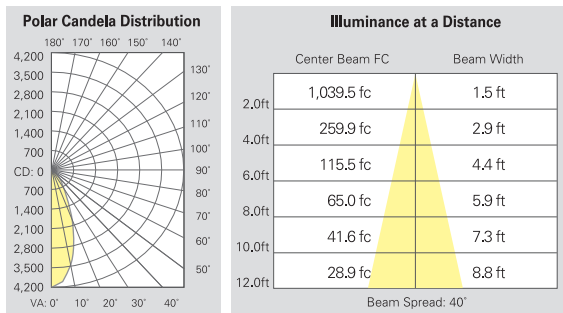
* Contact Factory for IES File



[MCLD-DOB-30W-Narrow]



[MCLD-DOB-30W-Medium]



[MCLD-DOB-30W-Wide]

ORDERING INFORMATION

* Consult with factory for approved dimmers

Housing	No. of Light	Watt	CRI	CCT	Beam Angle	Trim Insert	Trim Interior Finish	Options
MCLD-N-DOB Multiple Cluster LED Recessed Downlight	1LN (1) Light	15 15W (IC)	8 80	27 2700K	N Narrow	OL 0.75" Trim Flange	WW White with White Flange	SNT Snoot
	2LN (2) Light	20 20W (IC)	9 90	30 3000K	M Medium	TL Trimless	BW Black with White Flange	LVR Louver
	3LN (3) Light	30 30W (Non-IC)		40 4000K	W Wide		SW Silver with White Flange	HCL Hex Cell Louver
	4LN (4) Light			50 5000K				LSN Linear Spread Lens LNS UV Lens ML Milk White Lens

*Consult with factory for custom finishes

Example : MCLD-N-DOB-1LN-15-830-M

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Example : OL-BW

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