

# Medical MRI Downlight: ML-IBD-LED-5DQS

Non-Magnetic Sealed 6" Aperture LED Recessed Downlight

**5-DAY  
QUICK SHIP**

- **Non-Ferrous Construction for use in MRI Suites**
- **IP65 Rated**
- **Available Entrance Filters for MRI Compatibility**
- **Each Fixture Supplied With Remote Mounted Driver**
- **B.A.A. Compliant & Made in the USA by a Family Owned US Corporation**
- **5 Day Quick Ship For Orders Under 25 Fixtures**



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## ORDERING GUIDE

Series	Material	Size	LED Type	CCT/CRI	Voltage	Baffle	Door (Trim)	Options	Quick Ship
ML-IBD	4	8		840	UNV				5DQS
Series	Material	Size	Light Source		Voltage	Baffle	Door (Trim) Finish	Options	Quick Ship
			LED Type	CCT/CRI					
ML-IBD	4 Non-Magnetic	8 8" Housing	DLM15 1500LM Package	80 CRI	UNV 120V-277V	WB White Grooved Baffle	WT White Painted Trim	10KV 10KV Parallel Surge Protection (One Supplied Per Circuit)	5DQS (5-Day Quick Ship)
			DLM20 2000LM Package	840 4000K		SR Specular Reflector	ST Polished Stainless Trim	EM7 Remote Mount 7W Battery Pack (Specify Input Voltage)	
			DLM30 3000LM Package						
Required Accessories Ordered Separately									
								MRIF3 Three circuit filter for 3 fixtures	
								MRIF6 Six circuit filter for 6 fixtures	
								MRIF9 Nine circuit filter for 9 fixtures	

Ordering Notes, If Applicable

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## SPECIFICATIONS

**HOUSING:** Non-magnetic stainless steel body and spun aluminum housing and plaster frame. All hardware and components are not magnetic.

**DOOR FRAME:** Aluminum or stainless steel formed with continuous lens hold-down system and screwless entry. Cleanroom style construction with a smooth cleanable surface with no crevices.

**GASKETS:** Closed microcellular extruded gasket located at interface of door to housing. Silicone seals the lens to the door.

**BAFFLE:** Supplied with a wide variety of baffles and reflectors. See options for availability.

**OPTICS:** Clear non-prismatic nominal 1/8" thick polycarbonate lens is standard and will be mechanically secured and silicone sealed to door frame.

**LED:** LEDs are 80 CRI, 4000K CCT and are Available in different lumen outputs up to 3400 Lm delivered. Integrated heatsink maintains thermal efficiency and prolong the life of the light engine.

**ELECTRICAL:** Constant current static low voltage DC provided from included remote driver. Drivers are 0-10v dimming standard as 1% and are supplied with the fixtures in an remote enclosure. Proprietary MRI Entrance filters comply with MIL-461 for conducted emissions and must be purchased separately.

**INSTALLATION:** Suitable for recessed Non-IC Installations into covered ceilings. Adjustable brackets allow for seismic support and secure attachment to metal T-Bars, joists or structural metal framing. Sealed 1/2 inch trade size knockouts for wiring. Suitable for 1, 1.5 and 2 inch T-bar widths as well as drywall or plaster ceiling.

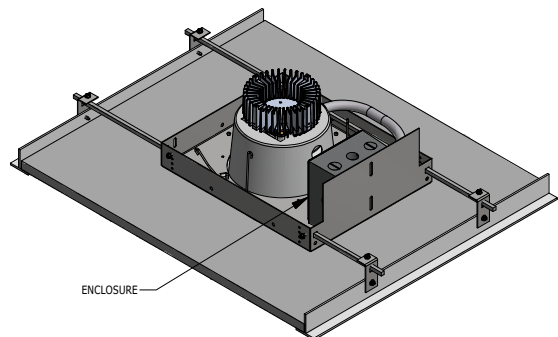
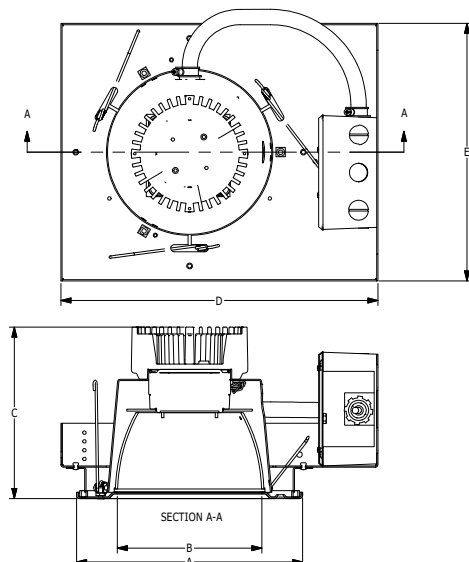
**FINISH:** Antimicrobial white polyester powder coat on doorframe surface. Stainless steel trims are satin polished.

**LISTINGS:** IP65 rated for dust and water ingress. ETL listed per UL\_1598 for wet locations. Military Standard 461F compliant for conducted and radiated emissions. Non-Magnetic construction. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty. This product is Buy American Act (B.A.A.) compliant.

**5-DAY QUICK SHIP POLICY:** Quantity restriction of 25 fixtures. Once PO is received by 12:00 PM CST, shipping will occur within 5 business days. Standard freight applies. Expedited shipping to be paid by customer.

## PRODUCT DRAWINGS

DOWNLIGHT REFERENCE DIMENSIONS						
MODEL	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
SBD/IBD	9.00"	5.75"	6.85"	12.65"	10.25"	26.00"



12-AA-L-DOWNLIGHT DWG DATE: 4/11/2107

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## ENERGY DATA

SEALED LED DOWNLIGHT						
LIGHT PACKAGE	CRI	DELIVERED LUMENS (Lm) <sup>1</sup>	WATTAGE (W) <sup>2</sup>	EFFICACY (LM/W)	DIMMING AVAILABILITY	MAX AMBIENT TEMP (°C) <sup>3</sup>
DLM15	80+	1,536	18	85.3	0-10V 1%	40°C (104°F)
DLM20	80+	2,117	21	100.8	0-10V 1%	40°C (104°F)
DLM30	80+	3,454	42	82.2	0-10V 1%	40°C (104°F)
EM7	NA	440-570Lm	4	NA	0-10V 1%	35°C (95°F)

- 1: DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS.  
 2: WATTAGE IS MEASURED @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY AND WHEN OPTIONS ARE SELECTED  
 3: MAX TEMP RATING IS WITH NO OTHER OPTIONS SELECTED.(NON-IC)

## PHOTOMETRICS

### CLEAR LENS

Key:

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 - - - - - 45  
 . . . . . 90

