

LEDVANCE LUMINAIRES

SLIM MICRODISK DOWNLIGHT

DUAL SELECTABLE

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



FLEXIBILITY

Selectable CCT: 2700/3000/
3500/4000/5000K
Selectable output: 3 step dimming

LENS

UV Stabilized Polycarbonate

QUALITY LIGHT

CRI>90, R9>50

WIRING

100-10% 120V Phase-cut and
120-277V 0-10V dimming

SIZES

4 standard trade sizes
3", 4" 6" & 8"

HIGH PERFORMANCE

Up to 106LPW

UNIFORM LIGHT

110° Beam Angle

ENERGY EFFICIENT

IC & Air Tight rated

STANDALONE CONTROLS

Optional PIR/Daylight sensor

CUSTOMIZATION

Optional field installed trim rings

INSTALLATION

Max ceiling thickness 1.26" (32mm)

CERTIFICATIONS & LISTINGS

- UL listed for US & Canada
- RoHS Compliant
- FCC Compliant
- Suitable for use in closets, compliant with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)
- IC Rated for insulation contact
- Certified airtight as per ASTM E283-04
- Wet Location
- IP20 (PIR Sensor version)
- IP54 Rated
- Title 24
- TAA Compliant
- ENERGY STAR®

AMBIENT OPERATING TEMPERATURE

- -4°F to 104°F (-20°C to 40°C)

ELECTRICAL

- Input voltage: 120V or 120-277V
- Phase-cut dimming (120V)
- 0-10V dimming, (UNV)
- Surge protection: 2.5 kV
- THD: ≤ 20%
- Power Factor: >0.9 @120V, >0.7@277V



DESCRIPTION

The LEDVANCE Performance Class Slim Selectable Microdisk is a dual selectable downlight with optional PIR and daylight sensor. Installation is flexible and easy with the remote driver, making it suitable for both commercial and residential projects, new builds and remodels. The 1/2" slim profile is perfect for plenums with obstructions or directly under wood joists. Optional field installable Black, Bronze or Satin Nickel trim finishes to complete the look.

APPLICATION

- Commercial applications
- Office
- Public and commercial buildings
- Schools
- Hotels, shops, hospitality, residential interiors

RATED LIFE

- 50,000 hours (L₇₀) @104°F/40°C

WARRANTY

- 5-Year Limited Warranty
- NLB Trusted Warranty Program

ORDERING GUIDE

LEDMD	XR	XXXXX	XXX	X	9	SC3	WH	PIR
PRODUCT NAME	SIZE	SELECTABLE LUMENS	VOLTAGE	DIMMING	CRI	COLOR TEMP	FINISH	OPTION
LEDMD = LED Slim Microdisk	3R = 3" Round 4R = 4" Round 6R = 6" Round 8R = 8" Round	750 = 750lm 1100 = 1100lm S600 = 420/520/600lm S850 = 500/675/850lm S1200 = 820/1000/1200lm S1800 = 1400/1600/1800lm	S = 120V UNV = 120-277V	T = TRIAC / ELV D = 0-10V	9 = >90, R9>50	SC3 = Selectable 2700/3000/ 3500/4000/5000K	WH = White	PIR = PIR / Daylight Sensor

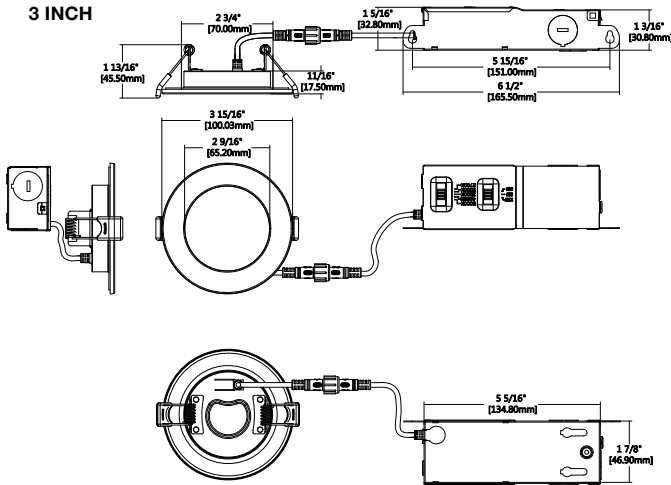
ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	CCT (K)	DIMMING	TOTAL LUMENS (LM)	LPW	ENVIRONMENT	FINISH	MTD/ PTO*
67839	LEDMD3RS600ST9SC3WH	5/6/7	120	2700/3000/3500/4000/5000	Phase-cut	420/520/600	86	Indoor/Outdoor Wet (IP54)	WH	–
67840	LEDMD4RS850ST9SC3WH	6/8/10	120	2700/3000/3500/4000/5000	Phase-cut	500/675/850	85	Indoor/Outdoor Wet (IP54)	WH	–
67841	LEDMD6RS1200ST9SC3WH	9/11/13	120	2700/3000/3500/4000/5000	Phase-cut	820/1000/1200	92	Indoor/Outdoor Wet (IP54)	WH	–
67842	LEDMD8RS1800ST9SC3WH	16/18/20	120	2700/3000/3500/4000/5000	Phase-cut	1400/1600/1800	90	Indoor/Outdoor Wet (IP54)	WH	–
67843	LEDMD4RS850UNVD9SC3WH	6/8/10	120-277	2700/3000/3500/4000/5000	0-10V	500/675/850	85	Indoor/Outdoor Wet (IP54)	WH	✓
67844	LEDMD6RS1200UNVD9SC3WH	9/11/13	120-277	2700/3000/3500/4000/5000	0-10V	820/1000/1200	92	Indoor/Outdoor Wet (IP54)	WH	–
67845	LEDMD8RS1800UNVD9SC3WH	16/18/20	120-277	2700/3000/3500/4000/5000	0-10V	1400/1600/1800	90	Indoor/Outdoor Wet (IP54)	WH	✓
67846	LEDMD4R7509SC3WHPIR	9	120	2700/3000/3500/4000/5000	No Dimming	750	83	Indoor Damp (IP20)	WH	–
67847	LEDMD6R11009SC3WHPIR	13	120	2700/3000/3500/4000/5000	No Dimming	1100	85	Indoor Damp (IP20)	WH	–
67848	LEDMD4R750UNV9SC3WHPIR	9	120-277	2700/3000/3500/4000/5000	No Dimming	750	83	Indoor Damp (IP20)	WH	✓
67849	LEDMD6R1100UNV9SC3WHPIR	13	120-277	2700/3000/3500/4000/5000	No Dimming	1100	85	Indoor Damp (IP20)	WH	✓

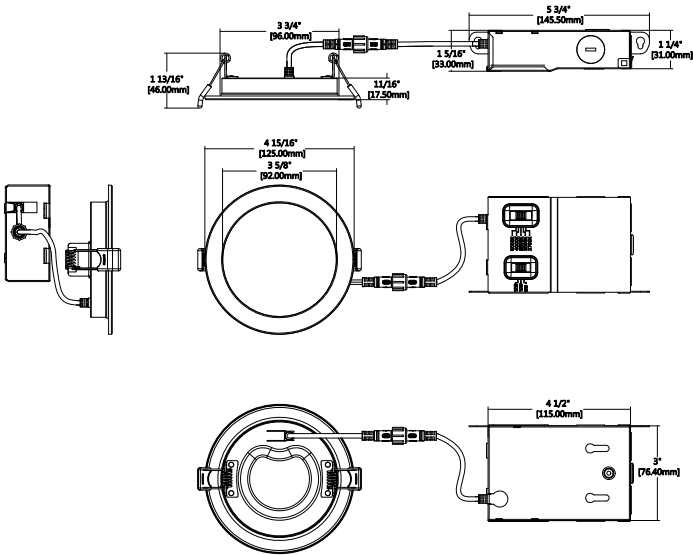
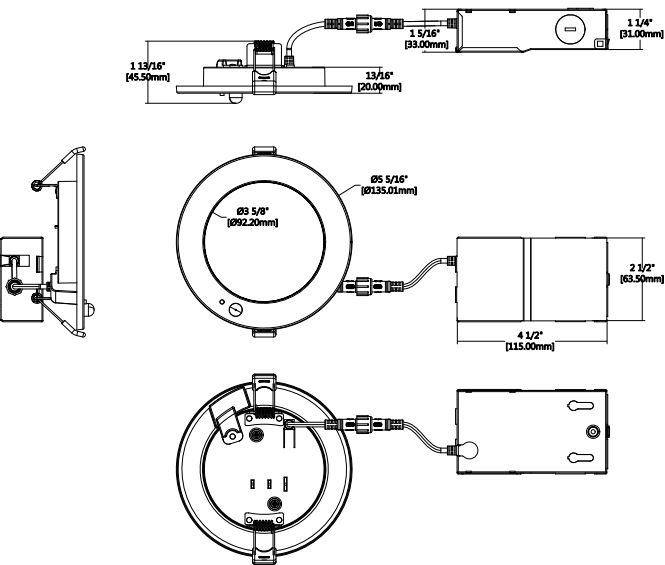
*Made to Order. Consult factory for availability.

PHYSICAL INFORMATION

DESCRIPTION	DIAMETER	HEIGHT	WEIGHT
LEDMD3RS600ST9SC3WH	3.94in (100mm)	1.79in (45.5mm)	0.62lb (0.28Kg)
LEDMD4RS850ST9SC3WH	4.92in (125mm)	1.81in (46mm)	0.75lb (0.34Kg)
LEDMD6RS1200ST9SC3WH	6.89in (175mm)	1.81in (46mm)	0.99lb (0.45Kg)
LEDMD8RS1800ST9SC3WH	8.88in (225.5mm)	1.79in (45.5mm)	1.48lb (0.67Kg)
LEDMD4RS850UNVD9SC3WH	4.92in (125mm)	1.81in (46mm)	0.75lb (0.34Kg)
LEDMD6RS1200UNVD9SC3WH	6.89in (175mm)	1.81in (46mm)	0.99lb (0.45Kg)
LEDMD8RS1800UNVD9SC3WH	8.88in (225.5mm)	1.79in (45.5mm)	1.48lb (0.67Kg)
LEDMD4R7509SC3WHPIR	4.92in (125mm)	1.81in (46mm)	0.75lb (0.34Kg)
LEDMD6R11009SC3WHPIR	6.89in (175mm)	1.81in (46mm)	0.99lb (0.45Kg)
LEDMD4R750UNV9SC3WHPIR	4.92in (125mm)	1.81in (46mm)	0.75lb (0.34Kg)
LEDMD6R1100UNV9SC3WHPIR	6.89in (175mm)	1.81in (46mm)	0.99lb (0.45Kg)

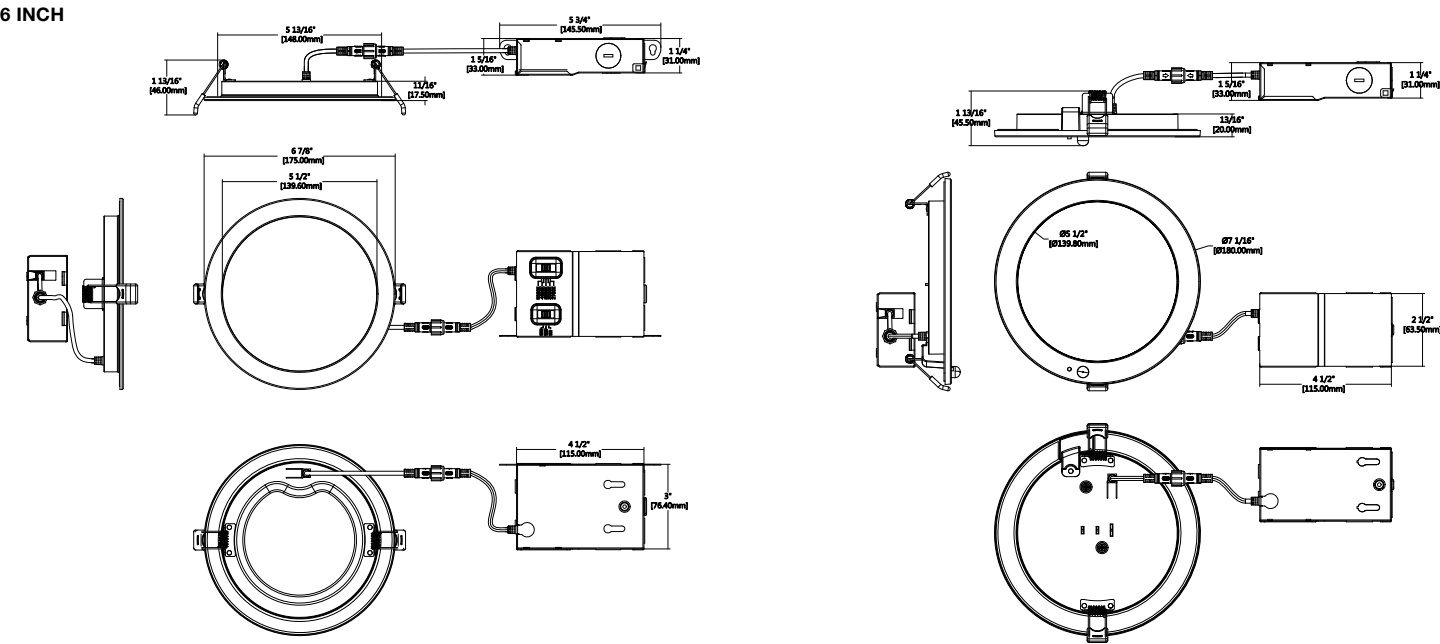


4 INCH

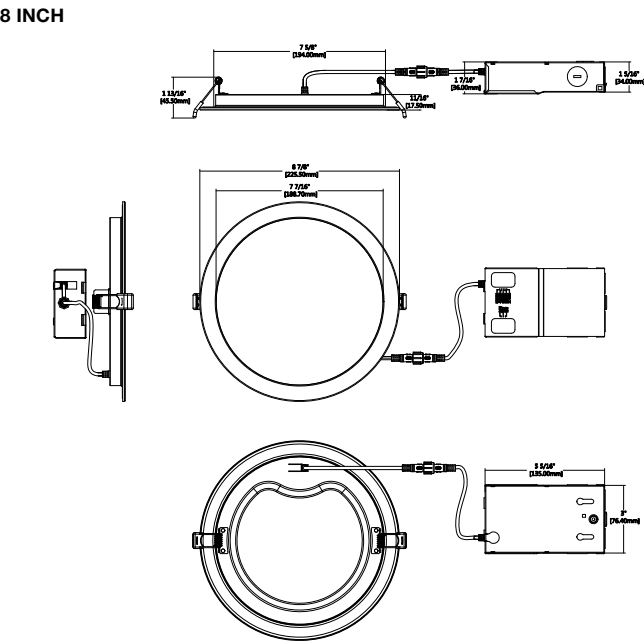


PHYSICAL INFORMATION (CONTINUED)

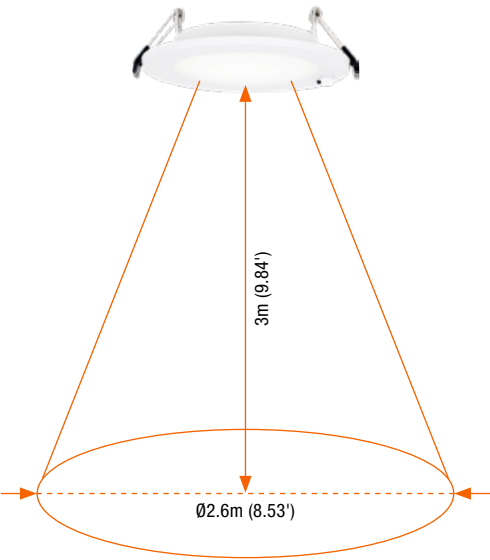
6 INCH



8 INCH



PIR DAYLIGHT DETECTION SENSOR



DIMMER COMPATIBILITY

MAKE	DIMMER TYPE	MODEL
PHASECUT DIMMERS		
Leviton SureSlide	L	6674
Lutron Maestro C-L	L	MACL-153M
Lutron Diva	L	DVCL-153P
Lutron Caseta	L	PD-6WCL
Legrand Radiant	L	RHCL453P
Lutron Diva	T	DVELV-300P
0-10V DIMMERS		
Leviton	0-10V	DS710
Leviton	0-10V	IP710
Lutron	0-10V	NTSTV-DV
Legrand	0-10V	H4FBL3PW

DEFAULT SETTINGS

MODE	OCCUPANCY CONTROL
Mode	Auto
Delay	30Sec
Output	100%
PIR Operation	0-75lux

OPTIONAL ACCESSORIES

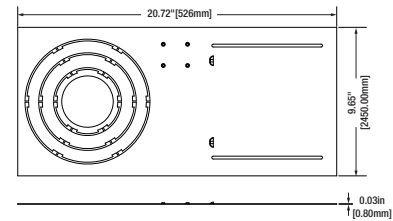
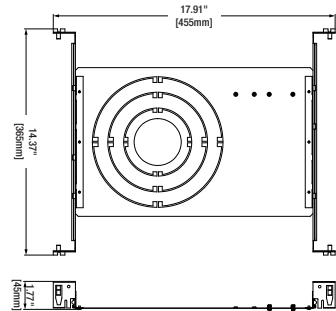
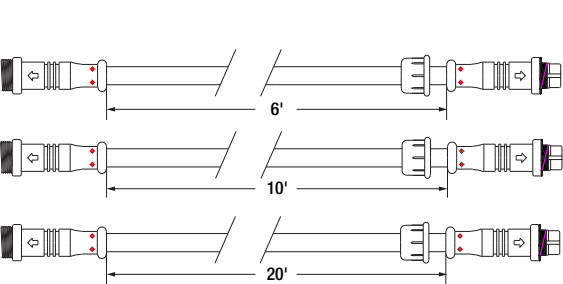
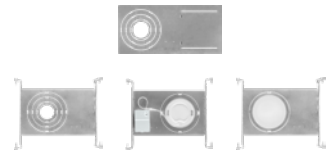
ITEM #	ORDERING ABBREVIATION	PRODUCT DESCRIPTION
TRIM RINGS		
63202	SLIMMD3A3TRIMBLK	3" Black Trim Ring
63203	SLIMMD3A3TRIMBZ	3" Bronze Trim Ring
63204	SLIMMD3A3TRIMSN	3" Satin Nickel Trim Ring
63205	SLIMMD3A4TRIMBLK	4" Black Trim Ring
63206	SLIMMD3A4TRIMBZ	4" Bronze Trim Ring
63207	SLIMMD3A4TRIMSN	4" Satin Nickel Trim Ring
63208	SLIMMD3A6TRIMBLK	6" Black Trim Ring
63209	SLIMMD3A6TRIMBZ	6" Bronze Trim Ring
63210	SLIMMD3A6TRIMSN	6" Satin Nickel Trim Ring
63211	SLIMMD3A8TRIMBLK	8" Black Trim Ring
63212	SLIMMD3A8TRIMBZ	8" Bronze Trim Ring
63213	SLIMMD3A8TRIMSN	8" Satin Nickel Trim Ring



CABLES		
60898	LEDMD6FTG2EXCBLWH	MD EXT Cable 6ft WH
60899	LEDMD10FTG2EXCBLWH	MD EXT Cable 10ft WH
60900	LEDMD20FTG2EXCBLWH	MD EXT Cable 20ft WH

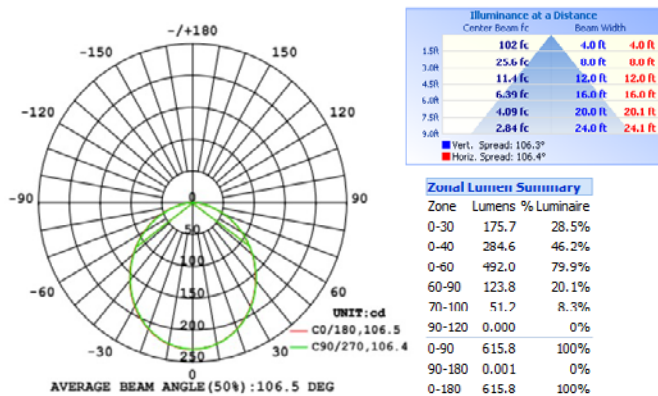


FRAMES		
62959	LEDSLIMMDFRAME	Slim MD Frame
63743	MDFRAME1A	MD Frame T-Grid

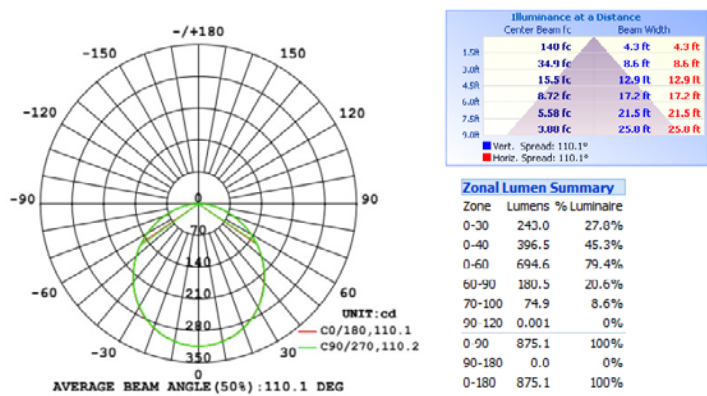


PHOTOMETRIC INFORMATION

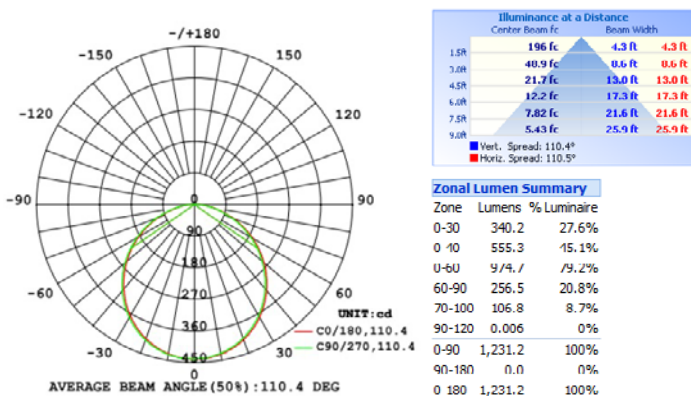
LEDMD3RS600ST9SC3WH (5000K)



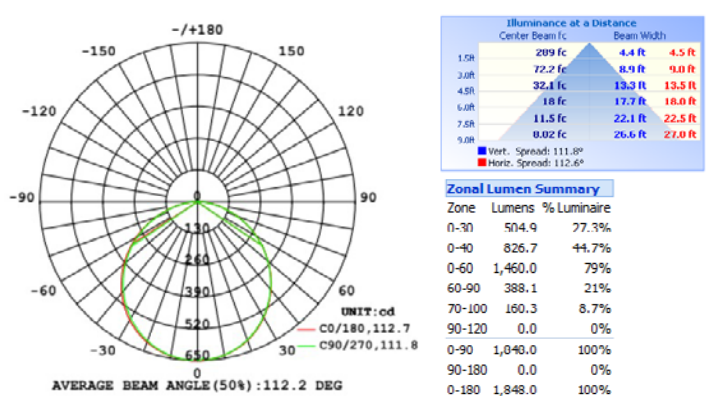
LEDMD4RS850ST9SC3WH (5000K)



LEDMD6RS1200ST9SC3WH (5000K)



LEDMD8RS1800ST9SC3WH (5000K)



WATTAGE COMPARISON

LED SOURCE (W / LM)	TRADITIONAL SYSTEM WATTAGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
60W Incandescent	60W	10W	83%
65W BR30	65W	8W	88%
100W BR40	100W	13W	60%
13W CFL	15W	5W	67%
18W CFL	20W	8W	60%
26W CFL	28W	10W	64%
32W CFL	34W	13W	62%
42W CFL	48W	18W	63%

INSTALLATION

- 1/2" height facilitates installations in most residential applications
- Optional Frame-in Kits for new construction applications
- Optional Extension Cables



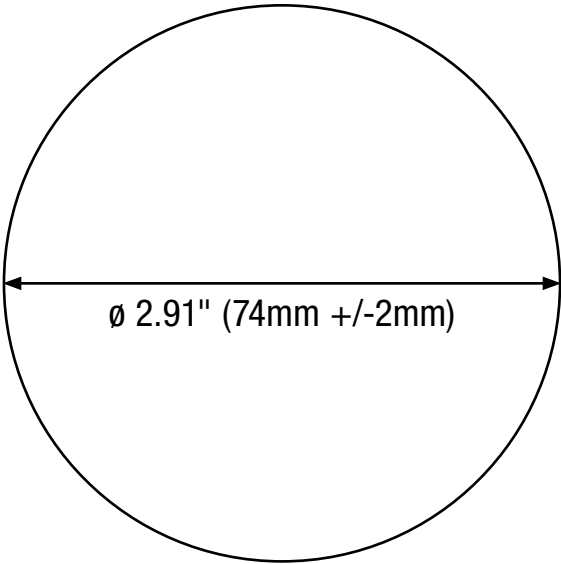
INSTALLATION GUIDE



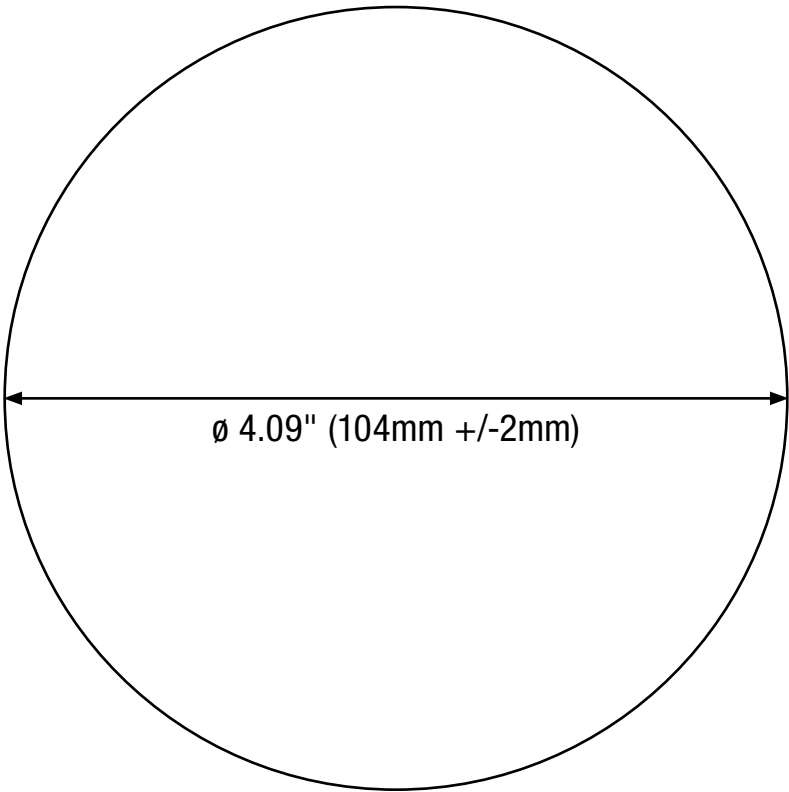
PIR INSTALLATION GUIDE

HOLE CUT TEMPLATES

MD3 HOLE CUT TEMPLATE

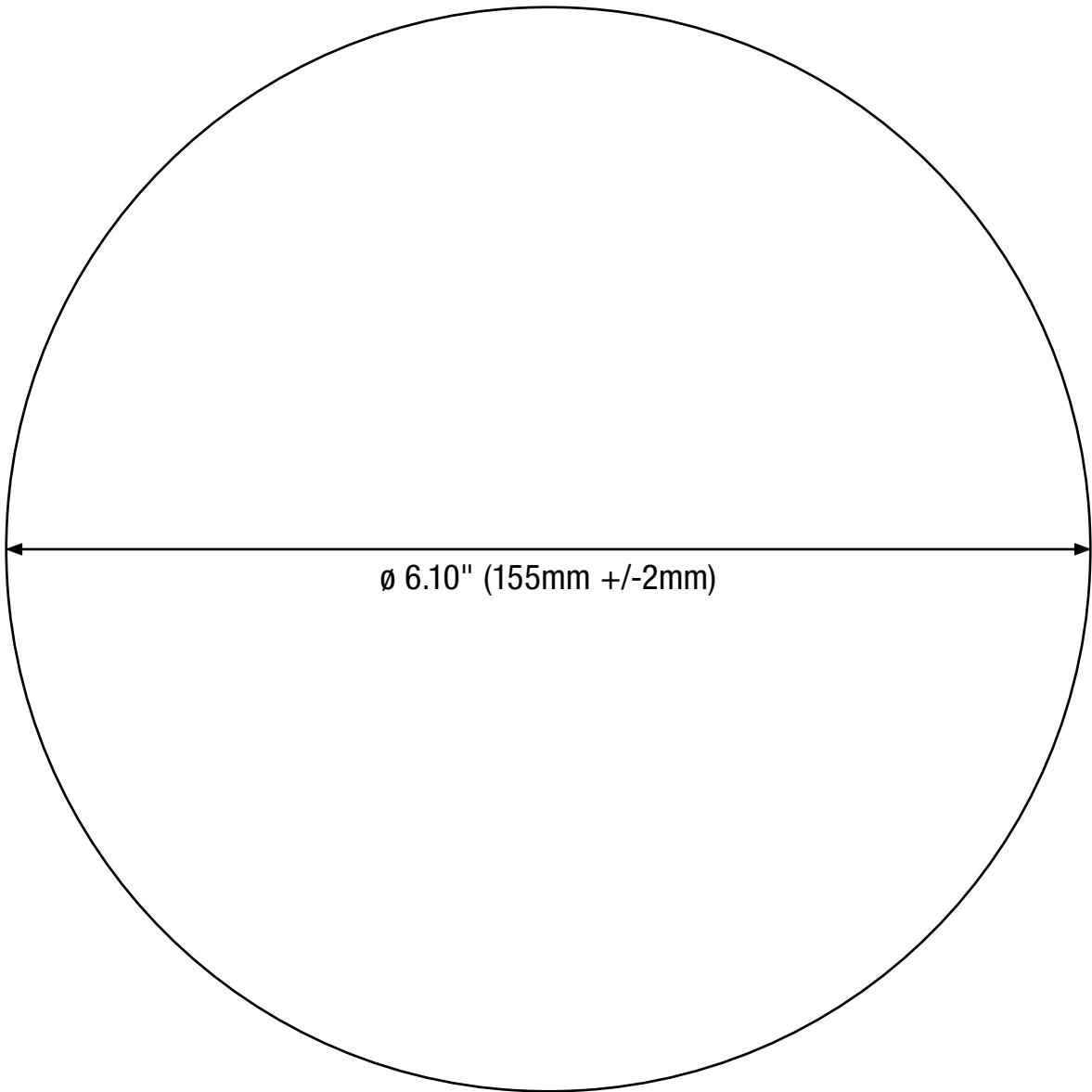


MD4 HOLE CUT TEMPLATE



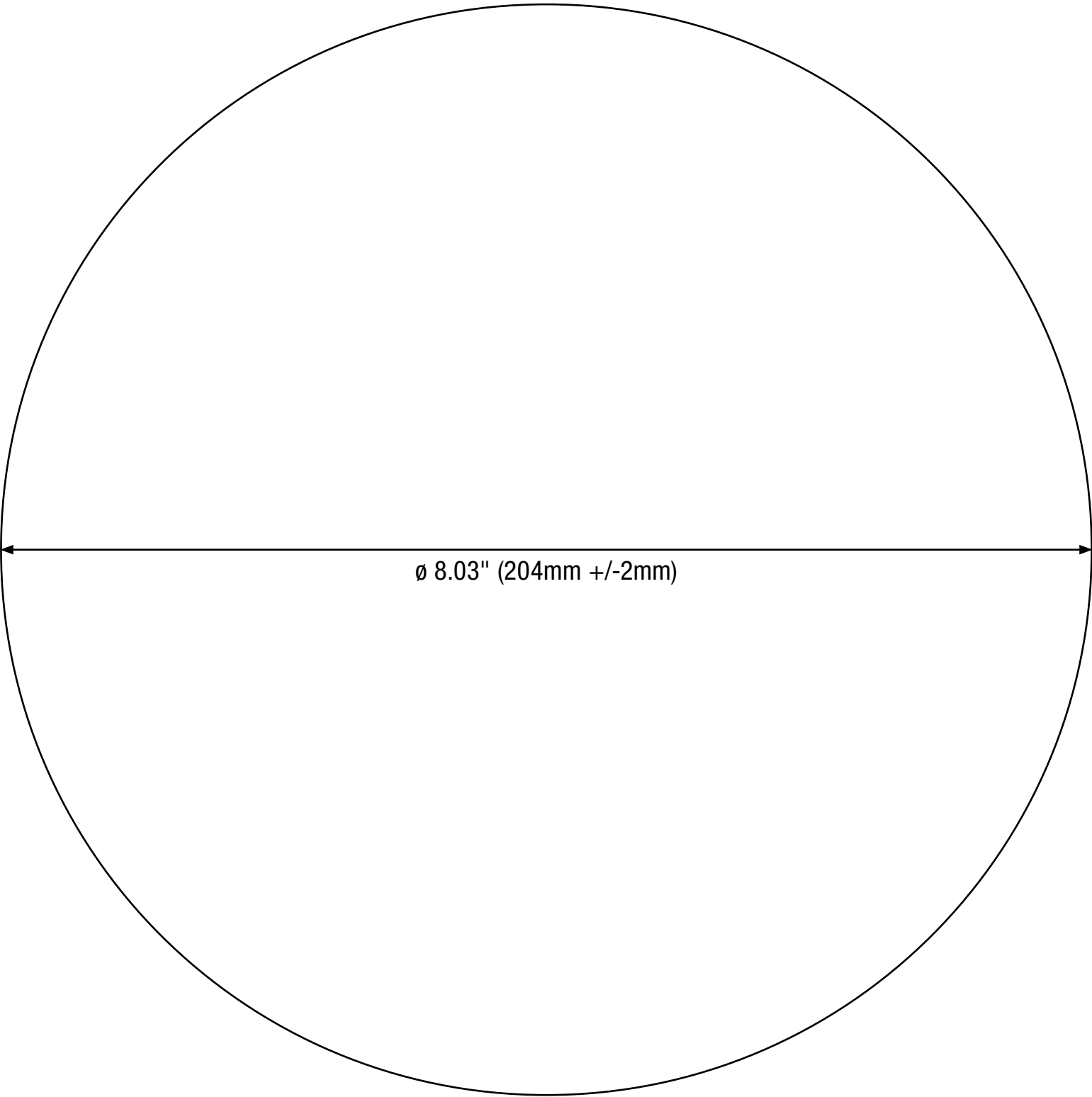
HOLE CUT TEMPLATES

MD6 HOLE CUT TEMPLATE



HOLE CUT TEMPLATES

RT8 Hole Cut Template



LEDVANCE NORTH AMERICAN HEADQUARTERS

LEDVANCE LLC.
181 Ballardvale Street, Suite 203
Wilmington, MA 01887
Phone: +1 978 753 5000

LEDVANCE CANADIAN HEADQUARTERS

LEDVANCE LTD./LTE.
5450 Explorer Drive, Suite 100
Mississauga, Ontario L4W 5N1
Phone: +1 905 361 93 33

LEDVANCE.COM/EN-US

LEDVANCE is a registered trademark.
All other trademarks are those of their respective owners.
Specifications subject to change without notice.

© 2026 LEDVANCE LLC