

XDL40R

4", ASYMMETRICAL
LINEAR LIGHTING
FOR O.R. CEILINGS



The **XDL40R** is an all new lighting solution specifically designed for use with operating room ceilings. This fully customizable lighting system can be easily configured and adapted to your specific needs. Flexibility is a key feature - with any shape possible and a wide range of options to customize to a surgery suites' specific needs. Like all of our XDL series, you get clean lines, smooth continuous runs, and a tight lens fitment. Since our XDL40R has been specifically designed to integrate with a modular ceiling system - installation is easy and trouble-free.

CONSTRUCTION: Constructed of a precision cut, proprietary aluminum extrusion with flat end caps. Internal joiner system. Available in any length with a 2' minimum.

MOUNTING: Designed to install into operating room ceilings. Custom designed brackets insure a stable lighting fixture.

LEDs: High Output LEDs are available in 2700K, 3000K, 3500K, 4000K, and 5000K color temperatures. Integral LEDs are rated for at least 100K life hours (L70).

OPTICS: Snap-in satin acrylic lens fully diffuses the appearance of the LEDs and provides excellent light transmission. Like all our fixtures, even light distribution is always the goal.

DRIVER: 0-10V dimming driver included standard. Driver options available for 1% dimming, Lutron EcoSystem, and DALI.

FINISH: Matte white finish is standard. Custom finish options are available, as is a anti-microbial finish. If additional or custom options are needed, consult factory.

LISTINGS: BAA and BABA Compliant. Designed and manufactured in the USA. ETL listed.

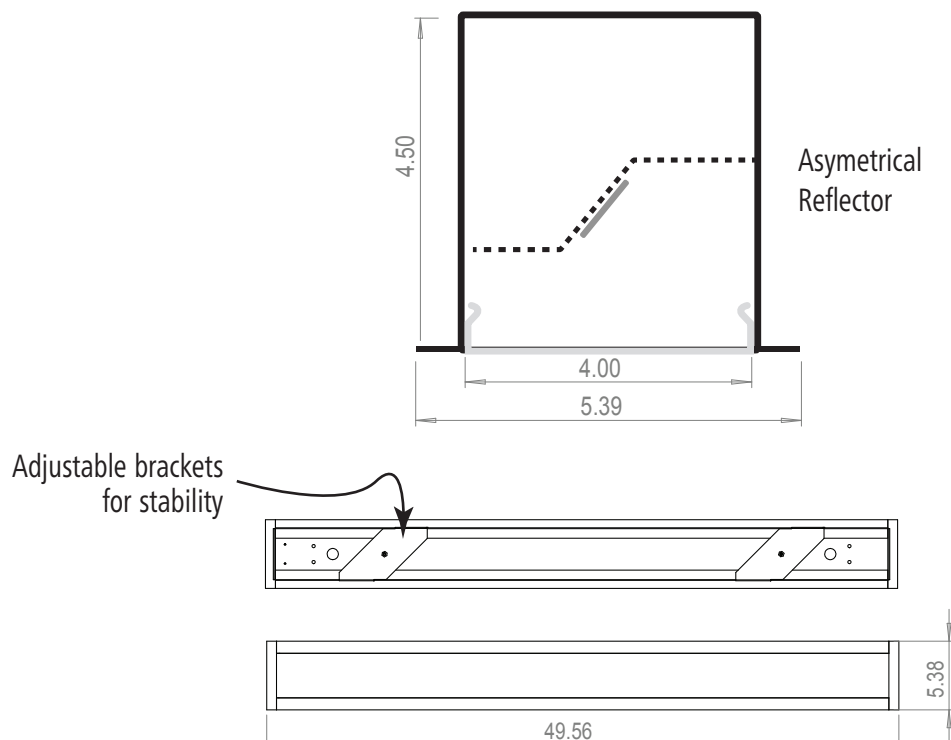
WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty

Ordering Information and Dimensions on Next Page ►

ORDERING INFORMATION Example: XDL4OR-40-500L-500L-L-AM-LDE1-M

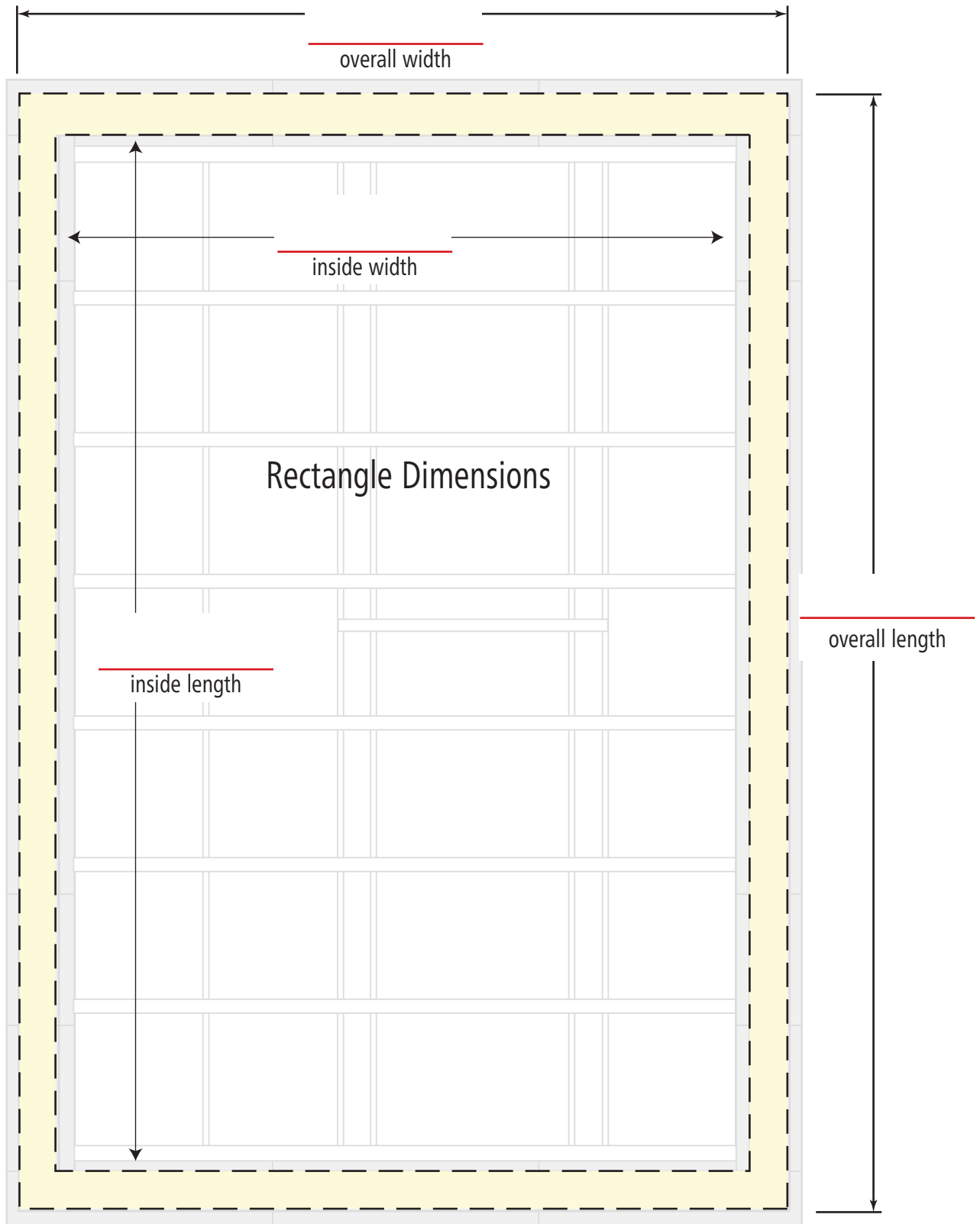
SERIES		CCT	OUTPUT CIRCUIT 1 ⁽¹⁾		OUTPUT CIRCUIT 2 ⁽¹⁾		OUTPUT CIRCUIT 3 (GREEN LED) ⁽²⁾		MOUNTING	
XDL4OR		27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	500L 500 lm/ft. 1000L 1000 lm/ft. 1500L 1500 lm/ft. 2000L 2000 lm/ft. 2500L 2500 lm/ft.	500L 500 lm/ft. 1000L 1000 lm/ft. 1500L 1500 lm/ft. 2000L 2000 lm/ft. 2500L 2500 lm/ft.	22 Green LED, 2200 Lumens 44 Green LED, 4400 Lumens XX Custom Lumens (green only) This shows total lumens for green LED, not lumens per foot.		L Lay-in Grid F Flanged FT Flangeless Trim SM Surface Mount			
FINISH		CONFIGURATION		DRIVER		VOLTAGE		OPTIONS		
AM	Anti-Microbial Finish (standard)	RDXXX	Rectangle Dimensions as shown on attached drawing (see following pages)	(BLANK)	0-10V 10% dimming driver	M	Multi-Volt (120-277VAC)	14EBL	14 Watt Lumen Emergency Ballast(3)	
W	Finish			CD1	0-10V 1% dimming driver			90	90 CRI	
CW	Coastal White			CD5	0-10V 5% dimming driver			RGBW	Addressable DMX Decoder for DMX512 Control (Controller Supplied by Others). Consult factory for requirements(4)	
SP	Special Finish	SRXXX	Special Rectangle Dimensions as shown on attached drawing (see following pages)	EDN	Non-dimming electronic driver					
				DALI	DALI 1% dimming driver					
				LDE1	Lutron Hi-Lume 1% EcoSystem LED Driver					
				RPB-6	Remote Mounted Driver Box (see last page for details), up to 6 drivers					
				RPB-9	Remote Mounted Driver Box (see last page for details), up to 9 drivers					

Notes: (1) Contact factory for custom lumen outputs, or if a mix of green and white LEDs is required within one fixture. (2) Green LED is on it's own circuit, regardless if one or two circuits is chosen. (3) All test buttons are located on ONE FIXTURE - for easy and quick testing. Be sure to list Emergency Ballast locations on your drawing when you submit it. (4) Lumen output will be limited with an RGBW option. Consult factory for details.





Be sure to list
Emergency
Ballast
locations on
your drawing
when you
submit it.



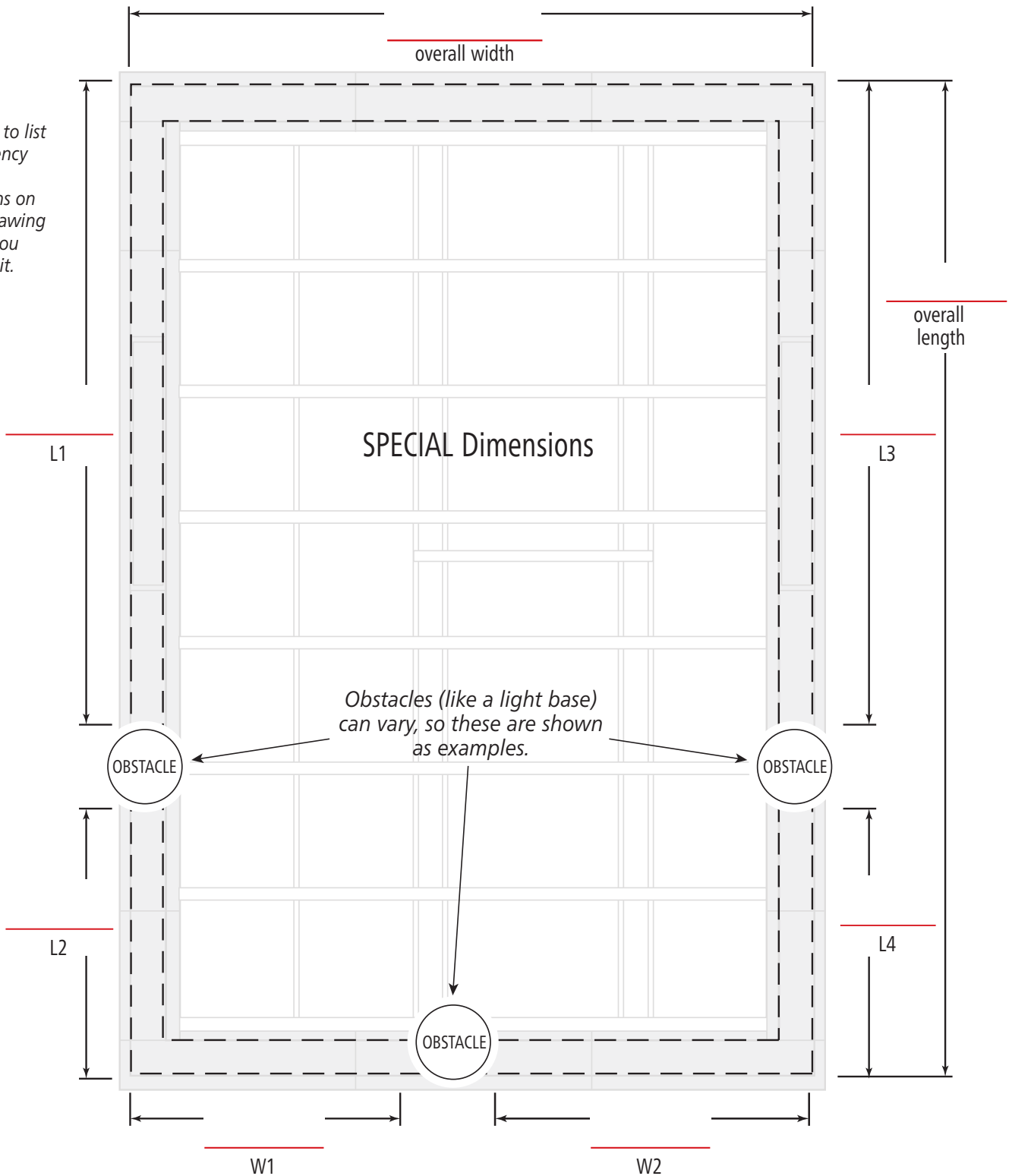
INDICATE YOUR DIMENSIONS FOR EACH DIRECTION.

IF YOU HAVE A CAD / SOLID WORKS FILE, PLEASE CONSULT FACTORY FOR SUBMISSION DETAILS.





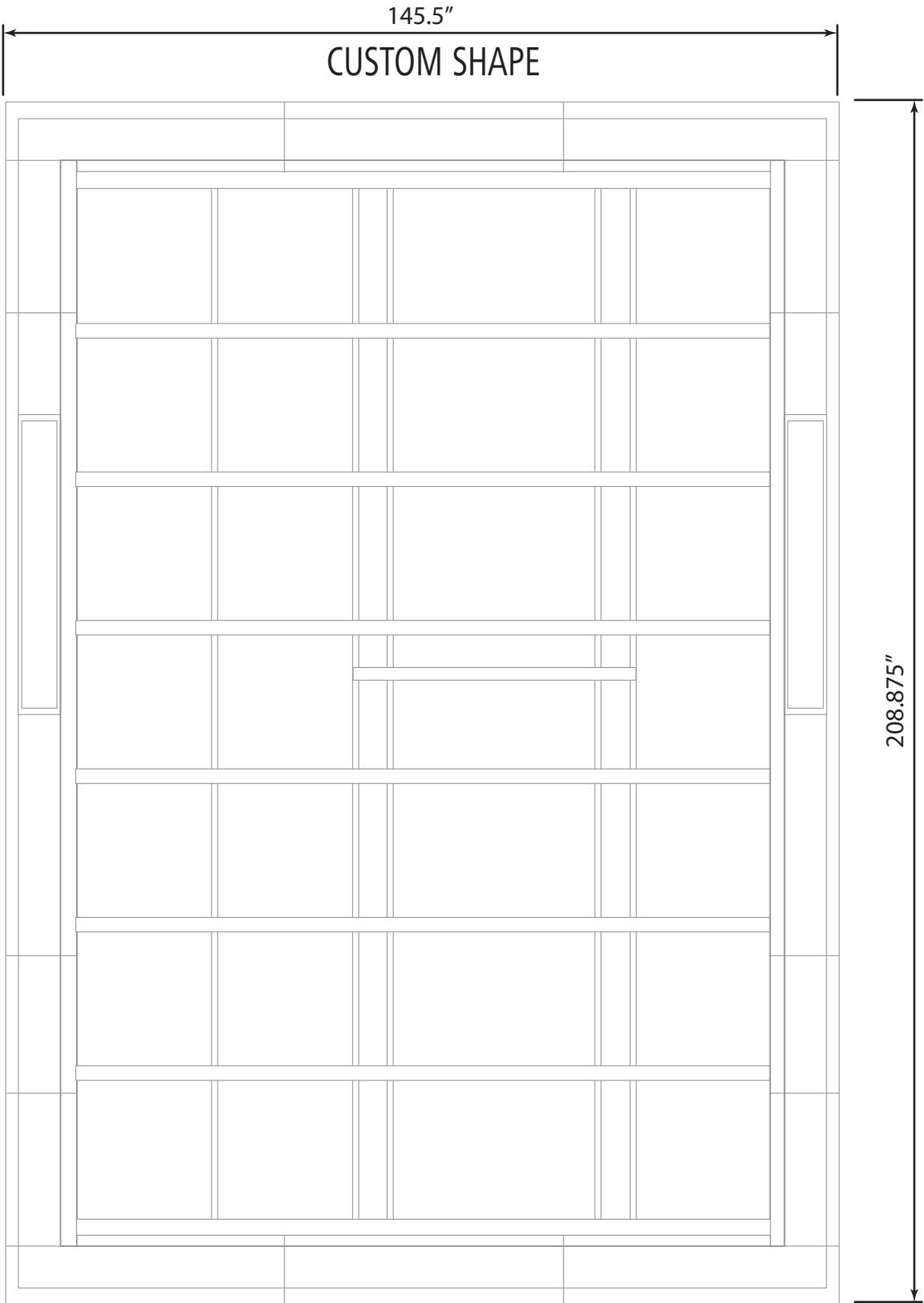
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INDICATE DIMENSIONS FOR EACH SECTION OF LIGHTING.

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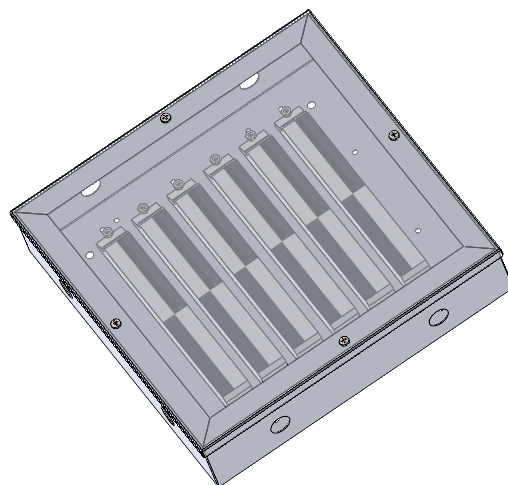


INDICATE DIMENSIONS FOR EACH SECTION OF LIGHTING.
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RPB6 (UP TO 6 DRIVERS)

RPB9 (UP TO 9 DRIVERS)

REMOTE POWER BOX



Electronic remote power supply provides power from outside the shielded MRI room, within the remote power supply enclosure.

MOUNTING INSTRUCTIONS

1. Mount the remote mounted power supply outside the MRI room.
2. Each driver will have an individual quick-connect for ease of wiring.
3. Ensure that all power/dimming wiring is completely shielded in grounded conduit. Use a minimum of 18 AWG low voltage supply wire.
4. Connect wiring to the driver and run to the installed fixtures. Connect hot and neutral wires to the light fixtures quick connects.
5. Installation is complete.

Ordering Information

SERIES	# OF DRIVERS	OPTIONS
RPB6 Fits up to 6 drivers	D1 1 LED 1% Dimming Drivers	AM Anti-Microbial White Paint
RPB9 Fits up to 9 drivers	D2 2 LED 1% Dimming Drivers	
	D3 3 LED 1% Dimming Drivers	
	D4 4 LED 1% Dimming Drivers	
	D5 5 LED 1% Dimming Drivers	
	D6 6 LED 1% Dimming Drivers	
	D7 7 LED 1% Dimming Drivers	
	D8 8 LED 1% Dimming Drivers	
	D9 9 LED 1% Dimming Drivers	

IMPORTANT: EACH FIXTURE REQUIRES IT'S OWN DRIVER