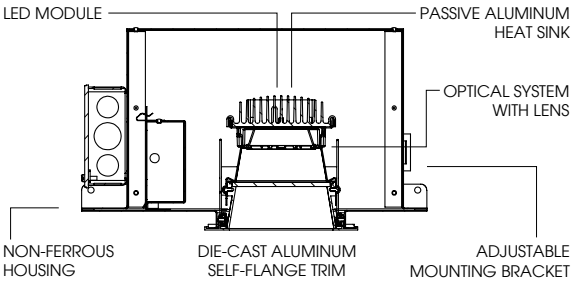
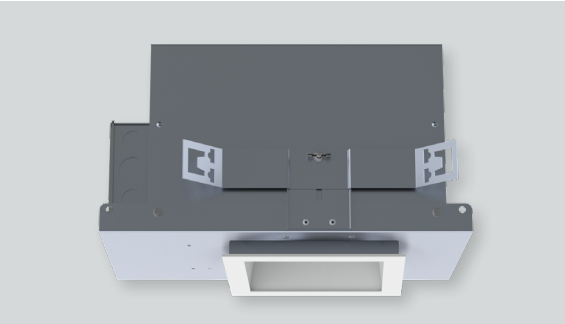
enduro
SPECIAL APPLICATIONS

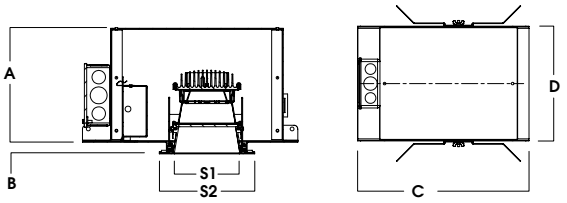
6" SQUARE MRI LED DOWNLIGHT

OS SERIES / 2000 LUMENS MAX

recessed fixtures







A	B	C	D	S1	S2
7.4 188.0 mm	0.63 15.9 mm	14.0 355.6 mm	9.38 238.3 mm	5.75 146.1 mm	7.5 190.5 mm

SGE6SQMRILEDOS - TRIM FLANGE / IC RATED

APPLICATION

Square OS series LED downlight designed for general illumination. Non-ferrous construction for MRI-Compatible operation.

FEATURES

Two-stage optical system for smooth light distribution. Tool-less LED module, driver, and J-Box access. Multi-Bar mounting brackets. BHMRI Standard aluminum mounting bars included. Posi-lock trim retention torsion springs. Integral 0.625" collar.

TRIM FINISH

A variety of architectural powdercoat and anodized finishes are available. Matte white flange is standard.

ELECTRONICS

LED module features high brightness white Osram LEDs. 3-step MacAdam Ellipse binning and CRI 84 minimum. MRI rated remote 120V/277V 0-10V dimming driver.

CONSTRUCTION

Housing/frame constructed of non-ferrous material. Self-Flanged one piece trim die-cast high purity aluminum and finished to specification. Extruded and machined 6063-H32 aluminum heatsink. Thermal gasket for optimal thermal management.

CODE COMPLIANCE

BAA Compliant. IC rated. Manufactured and built to UL standards No. 1598/8750.

INSTALLATION

Remote driver must be mounted beyond the MRI barrier. Power line and control lines must be prepared with EMI/RFI filters (by others).

WATTAGE TO LUMENS UPDATE		
PART NUMBER	SOURCE LUMENS[1]	SYSTEM WATTS
SGE6SQMRILEDOS10L	1100	12.7
SGE6SQMRILEDOS15L	1500	17.3
SGESQ6MRILEDOS20L	2000	22.7

SERIES	LUMENS[1]		CCT	
SGE6SQ MRILEDOS	**10L**	1100 Lm	**27K**	2700K
	15L	1500 Lm	**30K**	3000K
	20L	2000 Lm	**35K**	3500K
			40K	4000K

DRIVER / LUMENS[1] / DIMMING / VOLTAGE[2]							
RMDMRI	Remote MRI Rated Driver All Drivers Remote	**10L**	1100 Lm	**E_**	Electronic Driver	**1**	120V
		15L	1500 Lm			**2**	277V
		20L	2000 Lm	**DS10_**	10%, 0-10V		
				DO10_	1%, 0-10V		

OPTIONS[3]	
BHMRI[4]	27" Aluminum Mounting Bars
FS	Fusing
PR[5]	Deep Ceiling Extension
EB	Black Housing
AMB	Anti-Microbial Finish

TRIMS	FINISH		TRIM OPTIONS	
CA0366OSMRI	**MW**[6]	Matte White	**SO**[8]	Micro Prism Solite™ Lens
	MB	Matte Black	**FG**	Frosted Glass Lens
	SG	Semi-Diffuse	**FO90**	White Optical Acrylic
	HZ	Haze Full Diffuse	**GS**	Gasket
	AMB	Anti-Microbial Finish	**PF**[9]	Polished Flange
	CC[7]	Custom Color		
	WB	White Micro Baffle		
	BB	Black Micro Baffle		

EXAMPLE: SGE6SQMRILEDOS10L30K/RMDMRI10LDS101/BHMRI/CA0366OSMRIMWSO

NOTES:
1 Nominal Source Lumens at 35K **2** Contact Factory for Additional Options **3** See Product Options Page for Details **4** Standard Bar Hangers **5** Contact Factory **6** Standard Finish **7** Contact Factory for Special Finishes **8** Standard Lens **9** Flange and Reflector Same Finish

SPECTRUM LIGHTING INC.

PROJECT:

TYPE:

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.