

A	B	C	D	S1	S2	S3
3.5	.625	1717	9.5	5.5	6.3	7.7
88.9 mm	15.9 mm	436.1 mm	241.3 mm	139.7 mm	160.0 mm	195.6 mm

SGSI60S - TRIM FLANGE / IC RATED

APPLICATION

6" recessed round super shallow open aperture downlight for general downlighting.

FEATURES

Fixture rated for direct contact with insulation. Under 3.5" deep super shallow fixture housing. Zhaga International Standard LED module for ease of maintenance and replacement. Tool-less LED module, driver and J-Box access. Multi-Bar mounting brackets. BH27 Standard 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.

ELECTRONICS

LED module features high brightness white Osram LEDs. 3-step MacAdam Ellipse binning and CRI 84 minimum. Full range of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Self-flanged one piece trim spun from 0.063" thick high purity aluminum and finished to specification. Passive machined aluminum heatsink.

CODE COMPLIANCE

BAA Compliant. IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet location. LM79/LM80/TM21 data available. Manufactured and tested to UL standards No. 1598/8750.

WATTAGE TO LUMENS UPDATE					
CURRENT PART NUMBER EXAMPLE	PREVIOUS PART NUMBER EXAMPLE	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
SGSI60S10L	SGSI6LEDOS10L	1100	849	11	81
SGSI60S15L	SGSI6LEDOS15L	1500	1223	13	92

SERIES	LUMENS ¹	DRIVER / VOLTAGE ³	OPTIONS ⁴	TRIM	LUMENS ¹	CCT	FLANGE FINISH	TRIM OPTIONS		
SGSI60S	10L	1100 Lm	E Electronic Driver DS10_ 10%, 0-10V DO10_ 1%, 0-10V DS2W1 1%, ELV/TRIAC, 120V	BH27⁵ 27" Solid Bars H12 12" - 24" Expandable Bars HO6 6" - 12" Expandable Bars CB24 24" C-Channel Bars FS Fusing EB Fixture Painted Black CR Corrosion Resistant PR⁶ Deep Ceiling Extension GR Goof Ring ZIG⁷ ZigBee Module BLU⁷ Bluetooth LE EMRM⁶ Remote EM Battery Pack	AR62210S	10L	1100 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K	MW Matte White MB Matte Black PT Platinum Silver CC⁹ Custom Color AMB Anti-Microbial Finish	FO90⁵ White Optical Acrylic Gasket GS Gasket WL Wet Location
	15L	1500 Lm			AR62210S	15L	1500 Lm			

EXAMPLE: SGSI60S15LE1BH27/AR62210S15L35KMWSO

NOTES:
 1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K with MW-FO90 3 Contact Factory for Additional Options 4 See Product Options Page for Details 5 Standard Bar Hangers 6 Contact Factory 7 Order DS101/2 When Specifying ZIG or BLU 8 EM Will Not be Accessible Through Fixture 9 Contact Factory for Special Finishes 10 Standard Lens



PROJECT: _____
 TYPE: _____



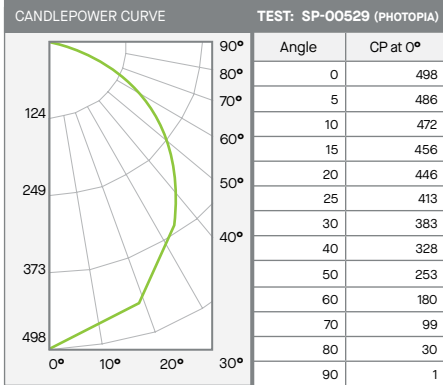
Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PHOTOMETRIC DATA - 6" ROUND DOWNLIGHT IC RATED / SUPER SHALLOW

SGSI6LEDOS-15LE1-AR62210S-15L35K-MWFO90

15L - 84 CRI

recessed
fixtures



ZONAL LUMENS

Zone	Lumens	%
0-10	46	4%
0-20	174	14%
0-30	364	30%
0-40	589	48%
0-60	1009	82%
0-80	1211	99%
0-90	1223	100%
Total Lumens	1223	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	16	13.5'	3
6.5'	12	15.9'	2
7.5'	9	18.4'	2
8.5'	7	20.8'	1
10.0'	5	24.5'	1
12.0'	3	29.4'	1
14.0'	3	34.3'	1
16.0'	2	39.2'	0

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 1223
Luminaire Watts: 13.2
LER: 92

CP @ 0° (Nadir): 498
Beam Angle: 101.5°
CRI: 84

Spacing Ratio: 1:16
Output Multipliers: 10L x 0.52, 15L x 0.75

