infinium

COMMERCIAL DOWNLIGHT SERIES BY SPECTRUM

ZHAGA COMPLIANT LED MODULE

PASSIVE ALUMINUM HEAT SINK

OPTICAL SYSTEM WITH LENS

#20 GA. GALVANIZED STEEL HOUSING

DIE-CAST ALUMINUM SELF-FLANGE TRIM

MULTI-BAR MOUNTING BRACKET

	A	B	C	D		S1	S2
	4.1 104.1 mm	0.625 15.9 mm	14.2 360.68 mm	7.9 200.7 mm		5.75 146.1 mm	7.5 190.5 mm

SGS6SQLEDOS - TRIM FLANGE / NON-IC RATED

APPLICATION
6" LED Recessed shallow plenum square aperture downlight for general downlighting.

FEATURES
Two-stage optical system for smooth light distribution. Zhaga International Standard LED module for ease of maintenance and replacement. Shallow plenum design. 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 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. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION
Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Self-Flanged one piece trim die-cast high purity aluminum and finished to specification. Passive machined aluminum heatsink.

CODE COMPLIANCE
BAA Compliant. Non-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 / LUMENS DATA		
PART NUMBER	SOURCE LUMENS[1]	SYSTEM WATTS
SGS6SQLEDOS10L	1100	11
SGS6SQLEDOS15L	1500	13
SGS6SQLEDOS20L	2000	20
SGS6SQLEDOS30L	3000	28
SGS6SQLEDOS45L	4500	41

SERIES	LUMENS[1]		CCT		DRIVER / VOLTAGE[2]				OPTIONS[3]	
SGS6SQLEDOS	10L	1100 Lm	27K	2700K	E_	Electronic Driver 10%, 0-10V	1	120V	BH27[4]	27" Solid Bars
	15L	1500 Lm	30K	3000K	DS10_	1%, 0-10V	2	277V	H12	12" - 24" Expandable Bars
	20L	2000 Lm	35K	3500K	DO10_	1%, 0-10V			H06	6" - 12" Expandable Bars
	30L	3000 Lm	40K	4000K	DS2W1	1%, ELV/MLV, 120V			CB24	24" C-Channel Bars
	45L	4500 Lm			DLTE1	1% Lutron® 2-Wire Forward Phase, 120V			FS	Fusing
					DL3E_	1% Lutron® EcoSystem®, Fade			EB	Fixture Painted Black
					EL10_	1%, eldoLED			CR	Corrosion Resistant
					ED01_	0.1%, eldoLED			PR[5]	Deep Ceiling Extension
					DALI_	DALI Control			GR	Goof Ring
									ZIG	ZigBee Module
									BLU	Bluetooth LE
									EM[6]	7W Emergency Battery Switch Remote
									EMIT[7]	7W Emergency Battery Switch in Trim
									AMB	Anti-Microbial Finish

TRIM	FINISH		TRIM OPTIONS	
CAS0366OS	MW[8]	Matte White	SO[10]	Micro Prism Solite™ Lens
	MB	Matte Black	FG	Frosted Glass Lens
	PT	Platinum Silver	FGCC	Frosted Glass Clear Center
	BZ	Bronze	FO90	White Optical Acrylic
	OB	Oil Rubbed Bronze	GS	Gasket
	CH	Charcoal	WL	Wet Location
	AS	Anodic Sapphire	EMIT[7]	Emergency Test Switch in Trim
	AN	Anodic Natural	WF[11]	White Flange
	AC	Anodic Champagne	AMB	Anti-Microbial Finish
	AZ	Anodic Bronze		
	AK	Anodic Black		
	AM	Anodic Malachite		
	SN	Sun Gold		
	CO	Copper Metallic		
	GH	Graphite		
	CC[9]	Custom Color		

EXAMPLE: SGS6SQLEDOS30L35KE1/CAS0366OSMWSO

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 EM   7 EMIT Suffix Required on Trim and Housing
8 Standard Finish   9 Contact Factory for Special Finishes   10 Standard Lens   11 Otherwise Flange Is Same Color As Interior Of Trim

SPECTRUM LIGHTING INC.

PROJECT: _____

TYPE: _____

ETL LISTED

5 YEAR WARRANTY

MADE IN THE USA

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.

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