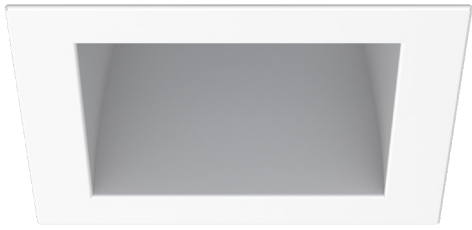


4" SQUARE DOWNLIGHT



LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
SR4ES11L	1100	866	11	79
SR4ES15L	1500	1126	15	75
SR4ES20L	2000	1524	20	78

FEATURES

4" square downlight series with deep regress for visual comfort providing 50° source cutoff. Zhaga international standard LED module for ease of maintenance and future replacement. Tool-less LED module and J-Box access. Expandable 14.2"-26", bar hangers included. Quick connect LED module and trim attachment.

TRIM FINISH

Variety of powdercoat and anodized finishes available. Specify finish and flange finish.

ELECTRONICS

120V and Universal Input with standard 0-10V 1% Dimming. LED system features high efficacy LEDs backed by standard softening lens. Standard CRI is 80+. Drivers are overload and short circuit protected as well as thermally regulated. Sound rating A. Auto dim thermal protector for long term reliability.

CONSTRUCTION

Housing/frame constructed of #22 GA galvanized steel. Self-flanged one piece trim spun from 0.063" thick high purity aluminum and finished to specification. Passive internal aluminum heatsink.

CODE COMPLIANCE

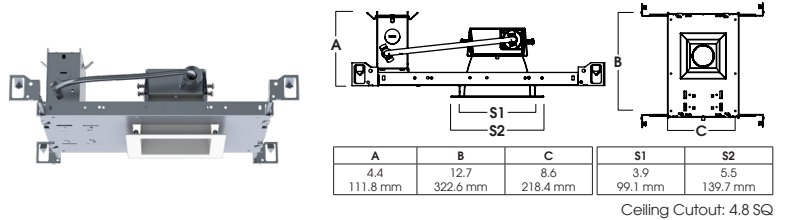
BAA Compliant. Non-IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.

RATED LIFE

Rated for 50,000 Hours at 70% lumen maintenance. (L70)

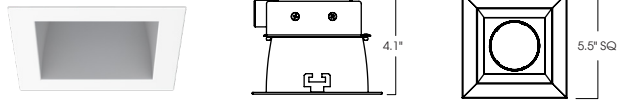
HOUSING DIMENSIONS

SP4SQES - 4" NEW CONSTRUCTION



TRIM OPTIONS

SR4ES - 4" DOWNLIGHT



FIXTURE HOUSING SPECIFICATION

SERIES	LUMENS ¹	CCT	DRIVER / VOLTAGE	
SP4SQES	11L 1100 Lm	30K	3000K	D1 1%, 0-10V, 120V
	15L 1500 Lm	35K	3500K	DX 1%, 0-10V, 120V/277V
	20L 2000 Lm	40K	4000K	DXEM 1%, 0-10V, 120V/277V Emergency Battery

TRIM / MODULE SPECIFICATION

TRIM	FINISH	FLANGE FINISH
SR4ES Downlight	SG Semi-Diffuse	MF ⁴ Matching Flange
	MW Matte White	WF ⁵ White Flange
	AN Anodic Natural	
	AC Anodic Champagne	
	MB Matte Black	
	PT Platinum Silver	
CC ³ Custom Finish		

ACCESSORIES		
ORDER SEPARATELY		
GOOF RING		
GRES4SQ	MW	Matte White
	MB	Matte Black
	PT	Platinum Silver
	CC	Custom Color



EXAMPLE: SP4SQES11L30KDX/SR4ESMWMF

NOTES:

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens 80 CRI at 35K with SR4ES-SG, with Any Flange Finish
 3 Contact Factory for Special Finishes 4 Flange Same Color as Inside of Trim 5 For Use with Non-White Trim

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 - 4" SQUARE

SP4SQES-20L35K-DX-SR4ES-SG-xF

CANDLEPOWER CURVE TEST SP-00834	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
		0° - 10°	0° - 20°	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4				
	0.00°	813														
	0.00°	813	5%													
	5.00°	831	22%	5.5'	27 fc	8.9'	6 fc	9'	6'	36	0.46	19	0.30			
	10.00°	869	51%	6.5'	19 fc	10.5'	5 fc	12'	8'	24	0.31	20	0.31			
	15.00°	913	81%	7.5'	14 fc	12.2'	3 fc	16'	12'	8	0.11	10	0.15			
	20.00°	940	99%	8.5'	11 fc	13.8'	3 fc	Delivered Illuminance Rating: (DIR)				78 FC per W/Sq. Ft.		66 FC per W/Sq. Ft.		
	30.00°	835	100%	10.0'	8 fc	16.2'	2 fc									
	40.00°	426		12.0'	6 fc	19.5'	1 fc	Recessed Mounting Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. -2.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. -2.5' x 2.50 + Average Footcandles at 2.5' Above Floor								
	50.00°	81		14.0'	4 fc	22.7'	1 fc									
	60.00°	16		16.0'	3 fc	26.0'	1 fc									
	70.00°	3		Total	1,525	100%										
	80.00°	2														
90.00°	1															

Delivered Lumens: **1,525**
 Luminaire Watts: **19.5**
 LER: **78.21**

CP at 0deg (Nadir): **813**
 CRI: **80+**

Beam Angle: **78.08**
 Spacing Ratio: **1.34**

Lumen Multiplier: 11L x 0.5, 15L x 0.65, 20L x 0.88
 CCT Multiplier: 30K x 0.985, 40K x 1.03

