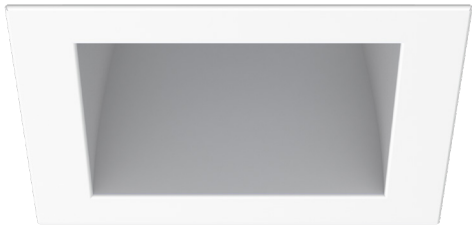


4" SQUARE DOWNLIGHT



PERFORMANCE DATA				
MODEL 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

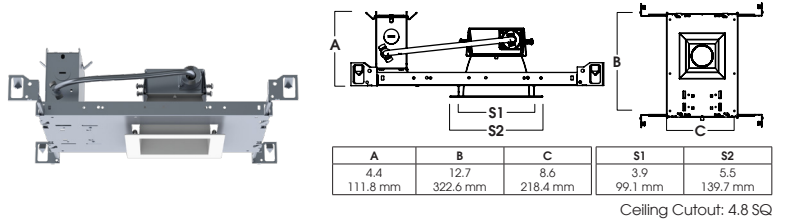
BAA Compliant. Non-IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.

RATED LIFE

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

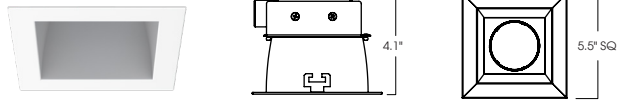
HOUSING DIMENSIONS

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 MW Matte White AN Anodic Natural AC Anodic Champagne MB Matte Black PT Platinum Silver CC ³ Custom Finish	MF ⁴ Matching Flange WF ⁵ White Flange

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



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°	81	5%	5.5'	27 fc	8.9'	6 fc	9'	6'	36	0.46	19	0.30	
	0.00°	813												
	5.00°	831												
	10.00°	869			6.5'	19 fc	10.5'	5 fc	12'	8'	24	0.31	20	0.31
	15.00°	913			7.5'	14 fc	12.2'	3 fc	16'	12'	8	0.11	10	0.15
	20.00°	940	1,231	81%	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			10.0'	8 fc	16.2'	2 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					
	40.00°	426			12.0'	6 fc	19.5'	1 fc						
	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

