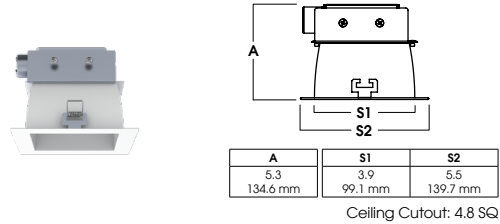


4" SQUARE RETROFIT / REMODELER



HOUSING DIMENSIONS

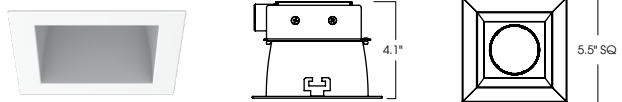
RT4SQES - 4" RETROFIT / REMODELER



LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
RT4SQES11L	1100	866	11	79
RT4SQES15L	1500	1126	15	75
RT4SQES20L	2000	1524	20	78

TRIM OPTIONS

RT4SQES - 4" DOWNLIGHT



FEATURES

4" downlight remodelight 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. Quick connect LED module and trim attachment.

TRIM FINISH

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

ELECTRONICS

120V-277V 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)

MODULE SPECIFICATION

SERIES	LUMENS ¹	CCT	DRIVER / VOLTAGE	FINISH	FLANGE FINISH	ACCESSORIES
RT4SQES Downlight	11L 1100 Lm	30K 3000K	DX 1%, 0-10V, 120V/277V	SG Semi-Diffuse	MF ⁴ Matching Flange	GRES4SQ Goof Ring
	15L 1500 Lm	35K 3500K		MW Matte White	WF ⁵ White Flange	
	20L 2000 Lm	40K 4000K		AN Anodic Natural		
				AC Anodic Champagne		
				MB Matte Black		
				PT Platinum Silver		
				CC ³ Custom Finish		

EXAMPLE: RT4SQES11L30KDXMWMF

NOTES:

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens 80 CRI at 35K with RT4SQES-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

RT4SQES-20L35K-DX-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							
	0.00°	813	0° - 10°	81	5%	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	5.00°	831	0° - 20°	339	22%	5.5'	27 fc	8.9'	6 fc	9'	6'	FC +	W/Sq. Ft.	FC +	W/Sq. Ft.	
	10.00°	869	0° - 30°	772	51%	6.5'	19 fc	10.5'	5 fc	12'	8'	36	0.46	19	0.30	
	15.00°	913	0° - 40°	1,231	81%	7.5'	14 fc	12.2'	3 fc	16'	12'	24	0.31	20	0.31	
	20.00°	940	0° - 60°	1,512	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	0° - 80°	1,523	100%	10.0'	8 fc	16.2'	2 fc							
	40.00°	426	0° - 90°	1,524	100%	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	Total	1,525	100%	14.0'	4 fc	22.7'	1 fc							
	60.00°	16				16.0'	3 fc	26.0'	1 fc							
	70.00°	3														
	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

