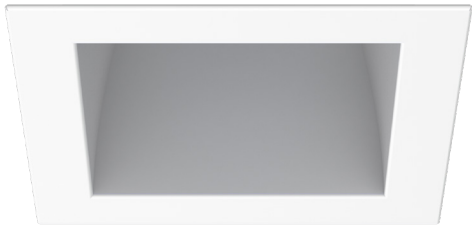
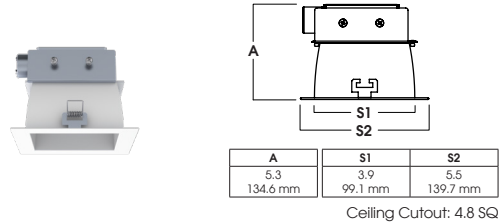


## 4" SQUARE RETROFIT / REMODELER



### HOUSING DIMENSIONS

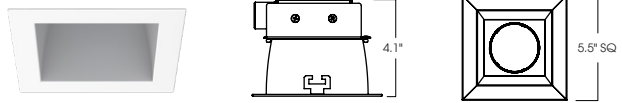
RT4SQES - 4" RETROFIT / REMODELER



PERFORMANCE DATA				
MODEL NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	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 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)

### MODULE SPECIFICATION

SERIES	LUMENS <sup>1</sup>	CCT	DRIVER / VOLTAGE	FINISH	FLANGE FINISH	ACCESSORIES
RT4SQES	11L	1100 Lm	D1 1%, 0-10V, 120V DX 1%, 0-10V, 120V/277V DXEM 1%, 0-10V, 120V/277V Emergency Battery	SG Semi-Diffuse MW Matte White AN Anodic Natural AC Anodic Champagne MB Matte Black PT Platinum Silver CC <sup>3</sup> Custom Finish	MF <sup>4</sup> Matching Flange WF <sup>5</sup> White Flange	ORDER SEPARATELY
	15L	1500 Lm				GOOF RING
	20L	2000 Lm				GRES4SQ
						MW Matte White MB Matte Black PT Platinum Silver CC Custom Color

EXAMPLE: RT4SQES11L30KDXMWMF

#### NOTES:

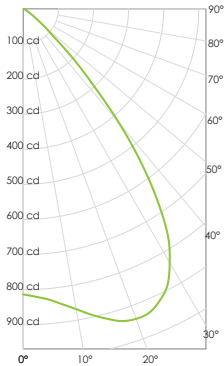
1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens 80 CRI at 35K with RT4SQES-SG, with Any Flange Finish  
 3 Contact Factory for Special Finishes 4 Flange Same Color as Inside of Trim 5 For Use with Non-White Trim



# 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° - 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	
	0.00°	0° - 10°	81	5%	5.5'	27 fc	8.9'	6 fc	9'	6'	36	0.46	19	0.30
	5.00°	0° - 20°	339	22%	6.5'	19 fc	10.5'	5 fc	12'	8'	24	0.31	20	0.31
	10.00°	0° - 30°	772	51%	7.5'	14 fc	12.2'	3 fc	16'	12'	8	0.11	10	0.15
	15.00°	0° - 40°	1,231	81%	8.5'	11 fc	13.8'	3 fc	Delivered Illuminance Rating: (DIR)					
	20.00°	0° - 60°	1,512	99%	10.0'	8 fc	16.2'	2 fc						
	30.00°	0° - 80°	1,523	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					
	40.00°	0° - 90°	1,524	100%	14.0'	4 fc	22.7'	1 fc						
	50.00°	Total	1,525	100%	16.0'	3 fc	26.0'	1 fc						



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

