



FIT SIZE	
SERIES	12"
MINIMUM	11 <sup>11/16</sup>
MAXIMUM	12 <sup>7/16</sup>

A	B	C
12.0	13.1	7.4
304.8 mm	332.7 mm	188.0 mm

Ceiling Cutout: Ø 11<sup>3/16</sup>"

### SGRTE12FX - TRIM FLANGE / NON-IC RATED

#### APPLICATIONS

FX series 12" diameter retrofit downlight series. Designed for general downlighting with smooth light distribution.

#### FEATURES

One piece spun housing seals ceiling aperture preventing light leaks. Wide range of apertures. Companion new construction fixtures available. Auto dim thermal protector for long term reliability. Zhaga international standard LED module for ease of maintenance and future replacement. Tool-less LED module and driver access. Includes set of three retrofit clips to accommodate most installations. Goof ring available for oversized or damaged ceiling installations. Fixture will work in up to 1" thick ceiling<sup>1</sup>.

#### TRIM FINISH

A variety of architectural powdercoat and anodized finishes are available. Matte White flange is standard.

#### ELECTRONICS

LED system features high efficacy PHILIPS LEDs. Standard CRI is >80. Drivers are overload and short circuit protected as well as thermally regulated. Sound rating A. L70 at >60,000 hours.

#### CONSTRUCTION

Housing constructed of .060" aluminum and powdercoated white to resist corrosion. Self-flanged one piece trim spun from 0.060" thick high purity aluminum and finished to specification. Passive machined aluminum heatsink.

#### CODE COMPLIANCE

ENERGY STAR<sup>®</sup> Certified when used with SG or MW trims only. BAA Compliant. Non-IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet location listed trim. LM79/LM80 data available. Manufactured and tested to UL standards No. 1598/8750.

#### RATED LIFE

Rated for 60,000 Hours at 70% lumen maintenance. (L70)

LUMENS / WATTAGE DATA		
PART NUMBER	SOURCE LUMENS <sup>2</sup>	SYSTEM WATTS
SGRTE12FX10L	1000	9
SGRTE12FX15L	1500	13
SGRTE12FX20L	2000	17
SGRTE12FX30L	3000	25
SGRTE12FX40L	4000	35

SERIES	LUMENS <sup>2</sup>	CCT	DRIVER / VOLTAGE <sup>3</sup>	OPTIONS <sup>4</sup>	TRIM	FINISH	TRIM OPTIONS
SGRTE12FX	10L 1000 Lm	27K 2700K	DX 1%, 0-10V, 120V/277V	EM Integral Emergency Battery EMRM <sup>5</sup> Remote Emergency Battery Pack FS Fusing CR Corrosion Resistant	AR1223FX	MB Matte Black	WF White Flange
	15L 1500 Lm	30K 3000K				MF Matching Flange	
	20L 2000 Lm	35K 3500K				SO <sup>6</sup> Micro Prism Solite™ Lens	
	30L 3000 Lm	40K 4000K				SOW Micro Prism Solite™ Lens	
	40L 4000 Lm					CC <sup>6</sup> Custom Color	Wet Location

**EXAMPLE:** SGRTE12FX30L30KDX/AR1223FXMWMFSO

NOTES:  
 1 Consult Factory for Thicker Ceiling 2 Nominal Source Lumens at 35K 3 Contact Factory for Additional Options 4 See Product Options Page For Details 5 Installer Responsible for EM Access  
 6 Contact Factory for Special Finishes 7 Flange Same Color as Inside of Trim 8 Standard Lens



PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_



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.