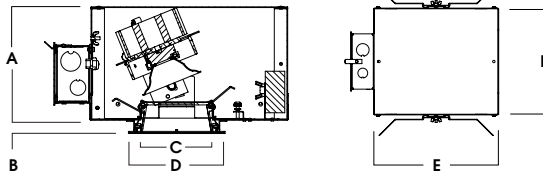
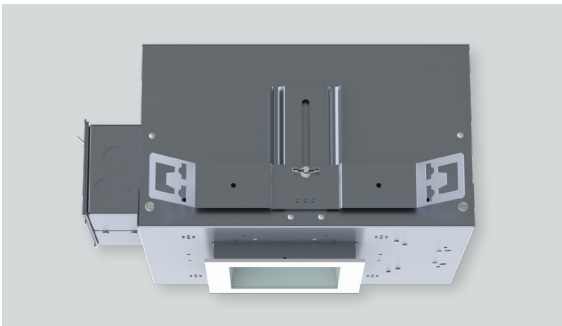
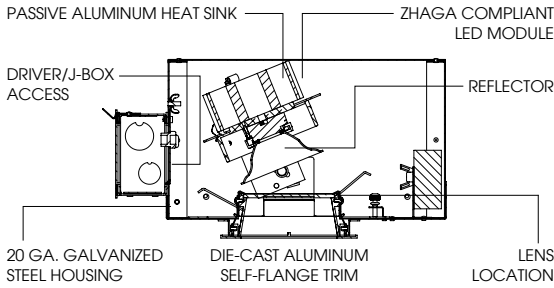




# 4" SQUARE IC ADJUSTABLE ACCENT

## XT SERIES / 2000 LUMENS MAX



A	B	C	D	E	F
6.4	.625	4.0	5.4	10L-13L: 13.2	9.5
162.6 mm	15.2 mm	101.6 mm	137.2 mm	20L: 19.2	241.3 mm

### SAFI4XT - TRIM FLANGE / IC RATED

#### APPLICATION

Versatile 4" Square aperture recessed LED accent light for Insulated Ceiling installations with a wide range of lumens and optical controls.

#### FEATURES

LED module tilts 35°, rotates 360°. Two-stage optical system for smooth light distribution and focus control. Quick change LED module with interchangeable optics for job site adjustment and fixture maintenance. Shallow plenum design. Tool-less driver and j-box access. Posi-lock trim retention torsion springs. See SAZI4 series for trimless plaster or wood ceiling. Integral .625" collar with deep ceiling option for up to 2" thick ceiling (PR).

#### TRIM FINISH

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

#### ELECTRONICS

LED system features Xicato LED module with proprietary phosphor technology that provides consistent, stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1x2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers.

#### CONSTRUCTION

Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Self-Flanged one piece trim die-cast high purity aluminum and finished to specification.

#### CODE COMPLIANCE

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

WATTAGE TO LUMENS UPDATE					
CURRENT PART NUMBER EXAMPLE	PREVIOUS PART NUMBER EXAMPLE	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
SAFI4XT10L	SAFI4LEDX115W	1000	741	11.5	64
SAFI4XT13L	SAFI4LEDX120W	1300	998	15.7	63
SAFI4XT20L	SAFI4LEDX133W	2000	1535	24.6	62

SERIES	LUMENS <sup>1</sup>	CCT	OPTICS	DRIVER / DIMMING / VOLTAGE <sup>4</sup>	OPTIONS <sup>5</sup>	TRIM	FINISH	TRIM OPTIONS <sup>12</sup>			
SAFI4XT	83 CRI		XN <sup>3</sup> 10° ND 27° MD 40° WD 45° XW 50°	E. Electronic Driver DS10_ 10% 0-10V DO10_ 1% 0-10V DS2W1 1%, ELV/MLV, 120V DLTE1 1% Lutron® 2-Wire Forward Phase, 120V DL3E_ 1% Lutron® EcoSystem®, Fade EL10_ 1%, eldoLED ED01_ 0.1%, eldoLED DALI_ DALI Control	1 120V 2 277V	BH27 <sup>6</sup> 27" Solid Bars H12 12" - 24" Expandable Bars H06 6" - 12" Expandable Bars CB24 24" C-Channel Bars EMRM Remote Emergency Battery Pack FS Fusing EB Black Housing CR Corrosion Resistant PR <sup>7</sup> Deep Ceiling Extension GR Goof Ring CCEA Chicago Ceiling Plenum Rated AMB Anti Microbial Finish	SA4FXT <sup>8</sup>	MW <sup>9</sup> Matte White MB Matte Black SG <sup>10</sup> Semi-Diffuse HZ <sup>10</sup> Haze Full Diffuse PT Platinum Silver BZ Bronze CH Charcoal AS Anodic Sapphire AM Anodic Malachite SN Sun Gold CO Copper Metallic GH Graphite AMB Anti Microbial Finish CC <sup>11</sup> Custom Color	SOX <sup>13</sup> Micro Prism Solite™ Lens GLX <sup>14</sup> Clear Glass Lens PGX Prismatic Glass Lens FGX Frosted Glass Lens SOW Micro Prism Solite™ Lens GLW Clear Glass Lens PGW Prismatic Glass Lens FGW Frosted Glass Lens Wet Location		
	10L	1000 Lm								27K	2700K
	13L	1300 Lm								30K	3000K
	20L	2000 Lm								35K	3500K
										40K	4000K
	98 CRI										
	10L	1000 Lm								27HK	2700K
	13L	1300 Lm								30HK	3000K
	20L	2000 Lm								35HK	3500K
										40HK	4000K

**EXAMPLE:** SAFI4XT13L35KMD1/H12/SA4FXTMWSOX

**NOTES:**  
<sup>1</sup> Nominal Source Lumens at Any CCT <sup>2</sup> Nominal Delivered Lumens 83 CRI at Any CCT with MD-MW-SOX, Aimed at 0° <sup>3</sup> XN 13L Max at 83 and 98 CRI <sup>4</sup> Contact Factory for Additional Options <sup>5</sup> See Product Options Page for Details  
<sup>6</sup> Standard Bar Hangers <sup>7</sup> Contact Factory <sup>8</sup> "F" Indicates Self-Flange Trim, Matte White Standard <sup>9</sup> Standard Finish <sup>10</sup> Anodized Reflector with Matte White Flange <sup>11</sup> Contact Factory for Special Finishes  
<sup>12</sup> Contact Factory for Special Lenses/Louvers <sup>13</sup> Standard Lens for MD, WD, XW <sup>14</sup> Standard Lens for XN and ND



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.

# PHOTOMETRIC DATA - 4" SQUARE IC ADJUSTABLE ACCENT

SAFI4XT 20L 35K ND xx SA4FXT MW SOX (aimed at 0 deg - nadir)

CANDLEPOWER CURVE TEST SP-01264_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5				
	0°	7361	0° - 10°	583	28%	5.5'	243 fc	2.5'	113 fc	12'	4"	133	1.57	132	1.70
	5°	6542	0° - 20°	1369	65%	6.5'	174 fc	2.9'	81 fc	16'	6"	66	0.78	65	0.84
	15°	2864	0° - 30°	1877	89%	7.5'	131 fc	3.3'	61 fc	20'	8"	30	0.35	25	0.32
	25°	1016	0° - 40°	2031	96%	8.5'	102 fc	3.8'	47 fc	Delivered Illuminance Rating: (DIR)		85 FC per W/Sq. Ft.		77 FC per W/Sq. Ft.	
	35°	96	0° - 60°	2052	97%	10.0'	74 fc	4.5'	34 fc	Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 + Average Footcandles at 2.5' Above Floor					
	45°	8	0° - 80°	2059	97%	12.0'	51 fc	5.4'	24 fc	* Exceeds Spacing Ratio by 0%					
	55°	5	0° - 90°	2060	97%	14.0'	38 fc	6.3'	17 fc	** Exceeds Spacing Ratio by 6%					
	90°	1	Total	2115	100%	16.0'	29 fc	7.1'	13 fc	*** Exceeds Spacing Ratio by 9%					

Delivered Lumens: 2115  
Luminaire Watts: 24.6  
LER: 85.98

CP at 0° (Nadir): 7361  
CRI: 83

Beam Angle: 25°  
Spacing Ratio: 0.42

Lumen Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: Same for all available CCT's

SAFI4XT 20L 35K MD xx SA4FXT MW SOX (aimed at 0 deg - nadir)

CANDLEPOWER CURVE TEST SP-01265_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5				
	0°	2883	0° - 10°	252	16%	5.5'	95 fc	3.4'	41 fc	12'	4'	92	1.57	88	1.70
	5°	2732	0° - 20°	707	46%	6.5'	68 fc	4.0'	30 fc	16'	6'	35	0.60	28	0.54
	15°	1599	0° - 30°	1162	76%	7.5'	51 fc	4.6'	22 fc	20'	8'	21	0.35	17	0.32
	25°	939	0° - 40°	1358	88%	8.5'	40 fc	5.2'	17 fc	Delivered Illuminance Rating: (DIR)		58 FC per W/Sq. Ft.		52 FC per W/Sq. Ft.	
	35°	157	0° - 60°	1408	92%	10.0'	29 fc	6.1'	13 fc	Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 + Average Footcandles at 2.5' Above Floor					
	45°	35	0° - 80°	1419	92%	12.0'	20 fc	7.4'	9 fc						
	55°	14	0° - 90°	1421	93%	14.0'	15 fc	8.6'	6 fc						
	90°	1	Total	1535	100%	16.0'	11 fc	9.8'	5 fc						

Delivered Lumens: 1535  
Luminaire Watts: 24.6  
LER: 62.40

CP at 0° (Nadir): 2883  
CRI: 83

Beam Angle: 35°  
Spacing Ratio: 0.53

Lumen Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: Same for all available CCT's

SAFI4XT 20L 35K WD xx SA4FXT MW SOX (aimed at 0 deg - nadir)

CANDLEPOWER CURVE TEST SP-01266_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5				
	0°	2533	0° - 10°	250	16%	5.5'	84 fc	4.4'	33 fc	9'	4'	81	1.31	72	1.31
	5°	2492	0° - 20°	808	50%	6.5'	60 fc	5.2'	24 fc	12'	6'	38	0.61	34	0.61
	15°	2053	0° - 30°	1278	80%	7.5'	45 fc	6.0'	18 fc	16'	8'	27	0.44	17	0.30
	25°	940	0° - 40°	1448	90%	8.5'	35 fc	6.8'	14 fc	Delivered Illuminance Rating: (DIR)		61 FC per W/Sq. Ft.		55 FC per W/Sq. Ft.	
	35°	127	0° - 60°	1487	93%	10.0'	25 fc	8.1'	10 fc	Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 + Average Footcandles at 2.5' Above Floor					
	45°	22	0° - 80°	1499	93%	12.0'	18 fc	9.7'	7 fc						
	55°	11	0° - 90°	1501	94%	14.0'	13 fc	11.3'	5 fc						
	90°	1	Total	1604	100%	16.0'	10 fc	12.9'	4 fc						

Delivered Lumens: 1604  
Luminaire Watts: 24.6  
LER: 65.20

CP at 0° (Nadir): 2533  
CRI: 83

Beam Angle: 44°  
Spacing Ratio: 0.72

Lumen Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: Same for all available CCT's



# PHOTOMETRIC DATA - 4" SQUARE IC ADJUSTABLE ACCENT

SAFI4XT 20L 35K XW xx SA4FXT MW SOX (aimed at 0 deg - nadir)

CANDLEPOWER CURVE TEST SP-01267_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0°	0° - 10° 209 13%	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
	0° 2167	0° - 20° 695 44%	5.5'	72 fc	5.1'	27 fc	9'	4'	FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
	5° 2123	0° - 30° 1211 76%	6.5'	51 fc	6.0'	19 fc	12'	6'	37	0.61	33	0.61
	15° 1727	0° - 40° 1416 89%	7.5'	39 fc	6.9'	14 fc	16'	8'	18	0.30	16	0.30
	25° 1089	0° - 60° 1454 92%	8.5'	30 fc	7.9'	11 fc	Delivered Illuminance Rating: (DIR)		60 FC per W/Sq. Ft.		53 FC per W/Sq. Ft.	
	35° 145	0° - 80° 1463 92%	10.0'	22 fc	9.2'	8 fc	Recessed mounting Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 2.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 2.5' x 2.00 * Average Footcandles at 2.5' Above Floor					
	45° 22	0° - 90° 1465 92%	12.0'	15 fc	11.1'	6 fc						
	55° 7	Total 1588 100%	14.0'	11 fc	12.9'	4 fc						
	90° 1		16.0'	8 fc	14.8'	3 fc						

Delivered Lumens: 1588  
Luminaire Watts: 24.6  
LER: 64.55

CP at 0° (Nadir): 2167  
CRI: 83

Beam Angle: 50°  
Spacing Ratio: 0.79

Lumen Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: Same for all available CCTs

