



A	B	C	D	E	F
6.4 162.6 mm	.625 15.2 mm	4.0 101.6 mm	5.4 137.2 mm	10L-13L: 13.2 20L: 19.2	9.5 241.3 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 ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
SAFI4XT10L	SAFI4LEDXI15W	1000	741	11.5	64
SAFI4XT13L	SAFI4LEDXI20W	1300	998	15.7	63
SAFI4XT20L	SAFI4LEDXI33W	2000	1535	24.6	62

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING / VOLTAGE ⁴	OPTIONS ⁵	TRIM	FINISH	TRIM OPTIONS ¹²		
SAFI4XT	83 CRI		XN³ 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 DL3E_ 1% Lutron® EcoSystem®, Fade EL10_ 1%, eldoLED ED01_ 0.1%, eldoLED DALI_ DALI Control	1 120V 2 277V	BH27⁹ 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 PR⁷ Deep Ceiling Extension GR Goof Ring CCEA Chicago Ceiling Plenum Rated AMB Anti Microbial Finish	SA4FXT⁹	MW⁸ Matte White MB Matte Black SG¹⁰ Semi-Diffuse HZ¹⁰ 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 CC¹¹ Custom Color	SOX¹³ Micro Prism Solite™ Lens GLX¹⁴ 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								10L-13L: 13.2 20L: 19.2
	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:
 1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens 83 CRI at Any CCT with MD-MW-SOX, Aimed at 0° 3 XN 13L Max at 83 and 98 CRI 4 Contact Factory for Additional Options 5 See Product Options Page for Details
 6 Standard Bar Hangers 7 Contact Factory 8 "F" Indicates Self-Flange Trim, Matte White Standard 9 Standard Finish 10 Anodized Reflector with Matte White Flange 11 Contact Factory for Special Finishes
 12 Contact Factory for Special Lenses/Louvers 13 Standard Lens for MD, WD, XW 14 Standard Lens for XN and ND

PROJECT: _____
 QUANTITY: _____ TYPE: _____



4" SQUARE IC ADJUSTABLE ACCENT

IC RATED / PHOTOMETRIC DATA



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	* Exceeds Spacing Ratio by 0%					
	55°	14	0° - 90°	1421	93%	14.0'	15 fc	8.6'	6 fc	** Exceeds Spacing Ratio by 0%					
	90°	1	Total	1535	100%	16.0'	11 fc	9.8'	5 fc	*** Exceeds Spacing Ratio by 9%					

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	* Exceeds Spacing Ratio by 0%					
	55°	11	0° - 90°	1501	94%	14.0'	13 fc	11.3'	5 fc	** Exceeds Spacing Ratio by 0%					
	90°	1	Total	1604	100%	16.0'	10 fc	12.9'	4 fc	*** Exceeds Spacing Ratio by 9%					

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

4" SQUARE IC ADJUSTABLE ACCENT

IC RATED / PHOTOMETRIC DATA



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'	79	1.31	70	1.31
	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)					
	35°	145	0° - 80°	1463	92%	10.0'	22 fc	9.2'	8 fc	60 FC per W/Sq. Ft. 53 FC per W/Sq. Ft.					
	45°	22	0° - 90°	1465	92%	12.0'	15 fc	11.1'	6 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					
	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 CCT's**