

## FEATURES & SPECIFICATIONS

### INTENDED USE

Provides general LED illumination in many application types. Ideal for use in foyers, corridors, hallways, bedrooms, offices, utility work areas, stairways and many other light commercial or residential settings. Fixture can be left on for continuous 24/7 hour operation.

### CONSTRUCTION

Contemporary style fixture. Twin steel rings surround a dropped durable, milk-white acrylic diffuser. Complemented with matching trim in either a brushed nickel or antique bronze finish. Diffuser provides widespread illumination.

Available in 13" or 16" diameter round or 13" square sizes. Removable finials provide easy access for cleaning.

### OPTICS

13" units produce an average of 950 lumens and 16" units produce an average of 1682 lumens, both at 50,000 hours life.

### ELECTRICAL

Long-life LEDs provide extended service life and are rated to deliver L70 performance at 50,000 hours.

Fixture operates at 120 volts, 60Hz. 13" unit standard input = 14.6 watts, 65.1 lumens per watt. 16" unit standard input = 23.1 watts, 72.8 lumens per watt.

Works with most standard incandescent dimmers (see list of suggested dimmers).

### INSTALLATION

All mounting hardware included.

### LISTINGS

UL Listed to US and Canadian safety standards and suitable for damp locations. ENERGY STAR® certified.

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

Decorative Indoor

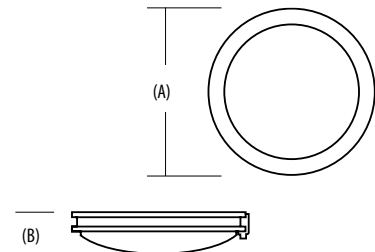
# LED Saturn Flush Mount

HIGH PERFORMANCE LED



DIMENSIONS				
Nominal size	Model number	Mounting configuration	(A) Width inches (cm)	(B) Depth inches (cm)
13" dia	FMSATL 13 FMSSATL 13	Flush	12-9/16 (31.9)	3-1/8 (7.9)
16" dia	FMSATL 16	Flush	16 (40.6)	3-5/8 (9.2)

All dimensions are inches (centimeters) unless otherwise indicated.



### ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

**Example:** FMSATL 13 14840 BN

Series	Module/CRI	Color temperature	Finish
<b>FMSATL 13</b> LED flush mount 13" round	<b>148</b> >80	<b>40</b> 4000 K	<b>BN</b> Brushed nickel
<b>FMSSATL 13</b> LED flush mount 13" square		<b>30</b> 3000 K	<b>BZA</b> Antique bronze <sup>1</sup>
<b>FMSATL 16</b> LED flush mount 16" round	<b>208</b> >80		

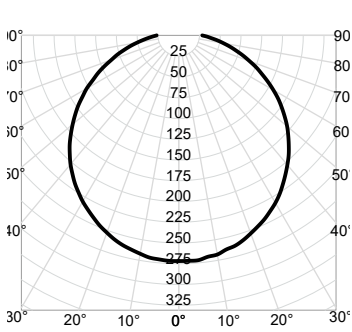
**Note:**

<sup>1</sup> BZA finish not available with FMSATL 16 20830, FMSSATL 13 14830 or FMSSATL 13 14840 configurations.

# LED Saturn Flush Mount

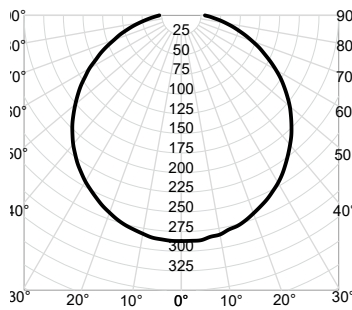
## PHOTOMETRICS

FMSATL 13 14830 Input Watts: 14.6, Delivered Lumens: 900, LPW: 61.6, S/MH: 1.26, Test No: LTL23713P1



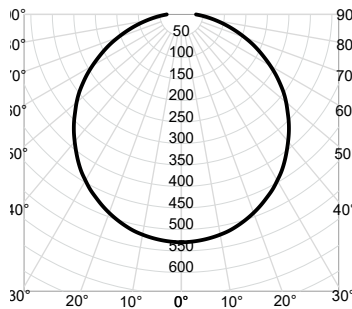
CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)		
								pf	80%			20%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
								pc	50%	30%	10%	50%	30%	10%					
0°	272	0° - 30°	212	24%	0	118	118	118	114	114	114	108	108	108	6.0	7.5	19.4	0°	4,042
5°	272	0° - 40°	349	39%	1	101	96	91	98	93	89	93	89	86	8.0	4.2	25.9	45°	3,084
15°	262	0° - 60°	626	70%	2	87	80	73	85	78	72	80	74	70	10.0	2.7	32.4	55°	2,810
25°	244	0° - 90°	851	95%	3	76	67	61	74	66	60	70	63	58	12.0	1.9	38.9	65°	2,441
35°	219	90° - 180°	49	5%	4	67	58	51	65	57	50	62	55	49	14.0	1.4	45.4	75°	2,028
45°	188	0° - 180°	900	100%	5	60	50	44	58	50	43	56	48	42	Beam Angle: 116.6°				
55°	152					6	54	45	38	52	44	38	50	42	37	Field Angle: 179.3°			
65°	111					7	49	40	33	48	39	33	46	38	32				
75°	72					8	44	36	30	43	35	29	42	34	29				
85°	40					9	41	32	27	40	32	26	38	31	26				
90°	28					10	37	29	24	37	29	24	35	28	24				

FMSATL 13 14840 Input Watts: 14.6, Delivered Lumens: 950, LPW: 65.1, S/MH: 1.26, Test No: LTL23713



CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)		
								pf	80%			20%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
								pc	50%	30%	10%	50%	30%	10%					
0°	287	0° - 30°	224	24%	0	118	118	118	114	114	114	108	108	108	6.0	8.0	19.4	0°	4,268
5°	287	0° - 40°	368	39%	1	101	96	91	98	93	89	93	89	86	8.0	4.5	25.9	45°	3,257
15°	277	0° - 60°	661	70%	2	87	80	73	85	78	72	80	74	70	10.0	2.9	32.4	55°	2,968
25°	258	0° - 90°	899	95%	3	76	67	61	74	66	60	70	63	58	12.0	2.0	38.9	65°	2,577
35°	231	90° - 180°	52	5%	4	67	58	51	65	57	50	62	55	49	14.0	1.5	45.4	75°	2,141
45°	198	0° - 180°	950	100%	5	60	50	44	58	50	43	56	48	42	Beam Angle: 116.6°				
55°	160					6	54	45	38	52	44	38	50	42	37	Field Angle: 179.3°			
65°	117					7	49	40	33	48	39	33	46	38	32				
75°	76					8	44	36	30	43	35	29	42	34	29				
85°	42					9	41	32	27	40	32	26	38	31	26				
90°	30					10	37	29	24	37	29	24	35	28	24				

FMSATL 16 20840 Input Watts: 23.1, Delivered Lumens: 1682, LPW: 72.8, S/MH: 1.25, Test No: LTL25019



CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)		
								pf	80%			20%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
								pc	50%	30%	10%	50%	30%	10%					
0°	530	0° - 30°	415	25%	0	118	118	118	115	115	115	109	109	109	6.0	14.7	18.4	0°	4,961
5°	527	0° - 40°	680	40%	1	102	97	93	99	95	91	94	91	87	8.0	8.3	24.5	45°	3,762
15°	508	0° - 60°	1,216	72%	2	88	81	75	86	79	74	82	76	71	10.0	5.3	30.7	55°	3,396
25°	470	0° - 90°	1,621	96%	3	77	68	62	75	67	61	72	65	59	12.0	3.7	36.8	65°	2,887
35°	418	90° - 180°	61	4%	4	68	59	52	66	58	51	63	56	50	14.0	2.7	42.9	75°	2,242
45°	353	0° - 180°	1,682	100%	5	61	51	45	59	51	44	57	49	43	Beam Angle: 113.8°				
55°	280					6	55	45	39	53	45	38	51	44	38	Field Angle: 170.8°			
65°	198					7	49	40	34	48	40	34	47	39	33				
75°	118					8	45	36	30	44	36	30	43	35	30				
85°	55					9	41	33	27	41	33	27	39	32	27				
90°	34					10	38	30	25	37	30	25	36	29	24				

SUGGESTED DIMMERS	
The FMSATL/FMSSATL is designed to operate with most standard Triac Based dimmers and is not compatible with 0-10v dimming systems. The following is a list of dimmers tested and does not imply any guarantee or warranty of compatibility with a particular application. Unlisted dimmers do not imply non-compatibility.	
Manufacturer	Part number(s)
Leviton	6633P
	IPL06
	6674P
	IPE04
	Trimatron 600W
Lutron	DVELV 300P
	Skylark 300P
	NTELV 300
	NLV 600
Synergy	ISD 600 I 120