

## 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. Fixture can be flush or semi-flush mounted using the 3-stem hanger mounting kit (ordered separately). Removable finials provide easy access for cleaning.

### OPTICS

13" units produce an average of 1,100 lumens and 16" units produce an average of 1,600 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 = 16 watts, 63 lumens per watt. 16" unit standard input = 24 watts, 63 lumens per watt.

Works with most standard incandescent dimmers (see list of approved 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. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

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/Semi-Flush Mount

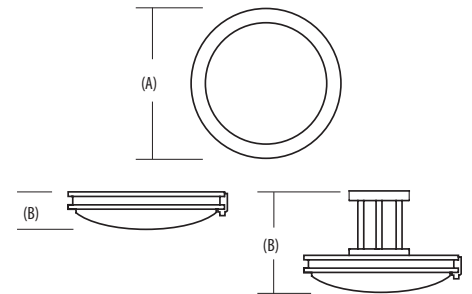


HIGH PERFORMANCE LED



DIMENSIONS				
Nominal size	Model number	Mounting configuration	(A) Width inches (cm)	(B) Depth inches (cm)
13" dia	FMSATL 13	Flush	12-9/16 (31.9)	3-1/8 (7.9)
	FMSSATL 13	Semi-flush*		8-3/8 (21.3)
16" dia	FMSATL 16	Flush	16 (40.6)	3-5/8 (9.2)
		Semi-flush*		9-5/8 (24.5)

\*Requires 3-stem hanger kit. See Accessories/Replacement parts below.  
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		35 3500 K <sup>1</sup>	<b>BZA</b> Antique bronze
<b>FMSATL 16</b> LED flush mount 16" round	<b>208</b> >80	<b>30</b> 3000 K	
		27 2700 K <sup>1</sup>	

Accessories/Replacement parts: Order as separate catalog number.	
DSATL 13	13" round acrylic diffuser
DSSATL 13	13" square acrylic diffuser
DSATL 16	16" round acrylic diffuser
3SHL6 BN	3-stem hanger, 6" extension from ceiling, brushed nickel
3SHL6 BZ	3-stem hanger, 6" extension from ceiling, bronze



3-stem hanger

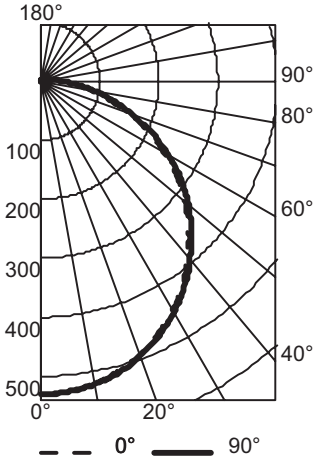
### Notes

- Minimum 90-day lead time for non-standard color temperatures; minimum 50 order quantity.

# LED Saturn Flush/Semi-Flush Mount

## PHOTOMETRICS

FMSATL 16 20840, 1619 delivered lumens, test no. LTL 25019 tested in accordance to IESNA LM-79.



### CP Summary

	0°	90°
0°	530	530
5°	527	528
15°	508	511
25°	470	475
35°	418	424
45°	353	362
55°	280	290
65°	198	208
75°	118	127
85°	55	60
90°	34	38

### Coefficients of Utilization

pf	20%								
	80%			70%			50%		
pc	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	118	118	118	115	115	115	109	109	109
1	107	102	97	99	95	91	94	90	87
2	97	88	81	86	79	73	82	76	71
3	88	77	68	75	67	61	71	65	59
4	80	68	59	66	58	51	63	56	50
5	74	61	51	59	51	44	57	49	43
6	68	54	45	53	45	38	51	43	38
7	63	49	40	48	40	34	46	39	33
8	59	45	36	44	36	30	42	35	30
9	55	41	33	40	32	27	39	32	27
10	51	38	30	37	30	24	36	29	24

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	413	24.6	24.6
0° - 40°	678	40.3	40.3
0° - 60°	1214	72.2	72.2
0° - 90°	1619	96.4	96.4
90° - 120°	49	2.9	2.9
90° - 130°	54	3.2	3.2
90° - 150°	60	3.6	3.6
90° - 180°	61	3.6	3.6
0° - 180°	1680	100.0	100.0

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

**Lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **1232**  
Watts **16.46**  
Lumens per Watt (Efficacy) **74.85**

Color Accuracy  
Color Rendering Index (CRI) **84**

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White 2700K | Bright White 3000K | Daylight 4500K | 6500K

Registration Number: NJSM-702Q34 (4/22/2015)  
Model Number: FMSSATL 13 14830  
Type: Luminaire - Decorative

**Lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **1200**  
Watts **16.41**  
Lumens per Watt (Efficacy) **73.13**

Color Accuracy  
Color Rendering Index (CRI) **86**

Light Color  
Correlated Color Temperature (CCT) **4000 (Bright White)**

Warm White 2700K | Bright White 3000K | Daylight 4500K | 6500K

Registration Number: NJSM-38YDK1 (4/22/2015)  
Model Number: FMSSATL 13 14840  
Type: Luminaire - Decorative

**Lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **925**  
Watts **16.2**  
Lumens per Watt (Efficacy) **57.1**

Color Accuracy  
Color Rendering Index (CRI) **83**

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White 2700K | Bright White 3000K | Daylight 4500K | 6500K

Registration Number: NJSM-0T8T5C (2/3/2015)  
Model Number: FMSATL 13 14830  
Type: Luminaire - Decorative

**Lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **980**  
Watts **16.02**  
Lumens per Watt (Efficacy) **61.17**

Color Accuracy  
Color Rendering Index (CRI) **86**

Light Color  
Correlated Color Temperature (CCT) **4000 (Bright White)**

Warm White 2700K | Bright White 3000K | Daylight 4500K | 6500K

Registration Number: NJSM-SURD4S (Revised)  
Model Number: FMSATL 13 14840  
Type: Luminaire - Other

**Lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **1220**  
Watts **23**  
Lumens per Watt (Efficacy) **53.04**

Color Accuracy  
Color Rendering Index (CRI) **83**

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White 2700K | Bright White 3000K | Daylight 4500K | 6500K

Registration Number: NJSM-SUSHNY (2/3/2015)  
Model Number: FMSATL 16 20830  
Type: Luminaire - Decorative