



FMLSQ Switchable White LED Low Profile Square Flush Mount

1.5" Square Nightlight Flush Mount with Interchangeable Trim

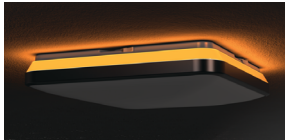
FMLSQ Series



**FMLSQ 15IN
Black Trim**



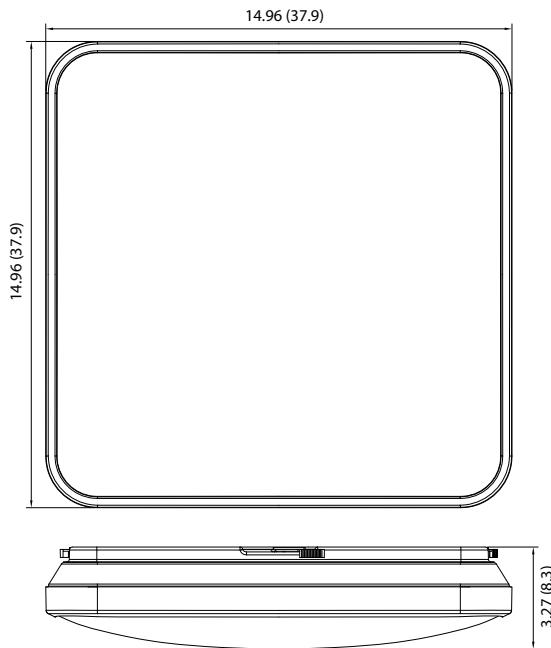
**FMLSQ 15IN
White Trim**



Nightlight Mode



Dimensions



Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

The square low profile 15in. LED Flush Mount with integrated Nightlight feature is the perfect combination of modern design and innovative LED technology. A white and black trim ring included to interchange the design to compliment any decor. An integrated 5CCT switch (2700K/3000K/4000K/5000K) allows the end user to fine-tune the feel of their space to insure the right amount of light. The Nightlight feature, by toggling the switch, illuminates a soft Amber glow around the fixture providing warm ambient lighting.

Applications

- NIGHTLIGHT MODE: Integrated 1800K Amber color glows around fixture by activating by wall switch - toggle ON/OFF/ON.
- Easy-latch secures diffuser to housing, ceiling mount only
- Ideal for new construction or renovation in residential single and multi-family applications as well as light commercial
- Ideal for kitchens, hallways, bedrooms, bathrooms, and utility rooms
- Installs directly into industry standard junction boxes
- Suitable for use in closets, compliant when installed to NFPA® 70 NEC® Section 410.16 (A)(1) and (C)(1)

Performance

Delivered Lumens	Up to 1840L
LED Color Temperature	2700K/3000K/3500K/4000K/5000K
CRI	90+
Voltage	Dedicated 120V
Dimming	Phase Dimming down to 10%

Specifications

	Width	Depth	Lens Opening
FMLSQ 15IN	14.96"	14.96"	15"

All dimensions are inches (centimeters) unless otherwise indicated.

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)
Aspect de la lumière (CCT)

2700K soft white | blanc doux

1748 lumens | 67 lumens per watt

3000K warm white | blanc chaud

1790 lumens | 68 lumens per watt

3500K neutral white | blanc neutre

1828 lumens | 70 lumens per watt

4000K cool white | blanc froid

1835 lumens | 70 lumens per watt

5000K daylight | blanc neutre

1786 lumens | 68 lumens per watt

Watts **26**

Color Accuracy (CRI) **90**
Précision des couleurs (CRI)



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White Trim**

ORDERING INFORMATION

Low Profile Flush Mount

Example: FMLSQ 15IN SWW5 90CRI WBT NL M4

Series	Size	Color Temperature	CRI	Trim Ring Finish	Nightlight
FMLSQ Low Profile Flush Mount	15IN 15 inches	SWW5 2700K/3000K/3500K/4000K/5000K	90CRI 90CRI	WBT White/Black Trim Ring	NL Nightlight Mode

JBOX Compatibility

	3-1/2" Octagon Box Steel	4" Drawn Octagon 1-1/2" Deep Steel	3-1/2" Drawn Round Ceiling Pan Steel / Old Work	4" Round Plastic / New York	4" Drawn Round Ceiling Pan Steel	4" Round Plastic / New Work	4" Dia. Ceiling Box With Bar Plastic / New York
							
Exterior LXWXH	3.2" x 3.2" x 1.55"	3.54" x 3.54" x 1.55"	3.38" Rd. x 0.5" Dep.	4" Dia. x 2.3"	4" Dia. x 0.5" Dep.	4" Dia. x 2.375"	14.5" x 4.5" x 4"
Mounting Dimension	2.75"	3.5"	2.75"	2.75" / 3.5"	3.5"	2.75" / 3.5"	2.75" / 3.5"

	WiringPro 4" Square Box	Iberville 4" Octagonal Box
		
Exterior LXWXH	4" X 4" X 1.5"	4" x 4" x 1.5"
Mounting Dimension	4"	4"

Dimmer Compatibility

Forward Phase Dimmers	Reverse Phase Dimmers	Acuity Brands Dimmers
Lutron Maestro Rocker style 120V 600W/MAC1-153M/STCL-153	Lutron Diva ELV® single pole 120V 300W/DVELV-300P	Acuity SensorSwitch® Forward phase paddle dimmer/WPD WH
Lutron RadioRa 250W Resi Dimmer/RRD-PRO	Lutron Maestro ELV® single pole 120V 600W/MAELV-600	
Lutron Vive Wireless dimmer w/ neutral 120V 600W/MRF2S-6ND	Lutron Vive® Wireless Reverse-phase 120V 600W/MRF2S-6ELV	
Lutron Caseta Wireless in-wall 150W/PD-6WCL	Lutron Caseta® Reverse-Phase 120V 150W/PD-5NE	
Leviton SureSlide INC 3-way 120V 600W/6674-10W		
Leviton Illumatech® INC single pole 120V 600W/1PLO6-10Z		



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**FMLSQ 15IN
Black Trim**



**FMLSQ 15IN
White Trim**

Specifications

Construction

Low profile white acrylic diffuser and steel pan • Milky white acrylic, diffuser dome lens conceals the LEDs from direct view and provides uniform lens luminance.

LED Light Engine

LED board mounted directly to steel pan designed to provide superior thermal management and ensure long life • Switchable white LED color temperature technology offers 2700K/3000K/3500K/4000K/5000K all in one flush mount • 90 CRI minimum • Accommodates 120 volts AC at 60Hz.

Electrical Connections

Fixture provided with leads for direct wire connection in JBox.

Installation

Junction Box Mounting

The driverless FMLSQ installs directly into industry standard junction boxes that requires no separate mounting bracket for installation • Compatible boxes include 3-1/2" and 4" octagon junction boxes (1-1/2" minimum depth), round mud rings with 2-3/4" mounting centers, and 3" & 4" diameter non-metallic boxes • Provides fast installation of fully assembled fixture to JBox • Suitable for ceiling mount only • Suitable for use in closets, compliant when installed to NFPA® 70 NEC® Section 410.16 (A)(1) and (C)(1).

Life

High performance, long functional life of 50,000 hrs (L70).

Labels

CSA certified to US and Canadian safety standards • Damp location listed • Certified to the high efficacy requirements of California T24 JA8-2022.

Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

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

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.

Nightlight Mode Operation

The nightlight feature glows a soft warm hue around the fixture with a simple flip of the switch:



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PHOTOMETRICS

Distribution Curve

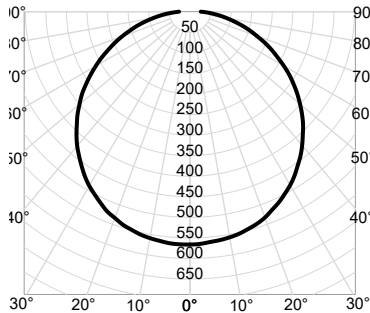
Distribution Data

Output Data

Coefficient of Utilization

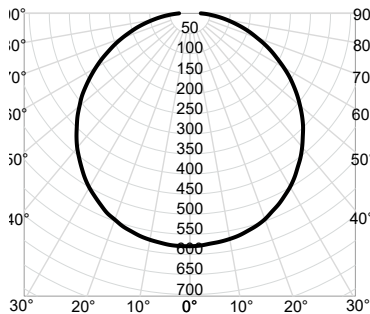
Illuminance Data at 30" Above Floor for a Single Luminaire

FMLSQ 15IN SWW5 90CRI WBT NL 27K Input Watts: 26.0, Delivered Lumens: 1748, LPW: 67.2, S/MH: 1.27, Test No: ISF 231966P1



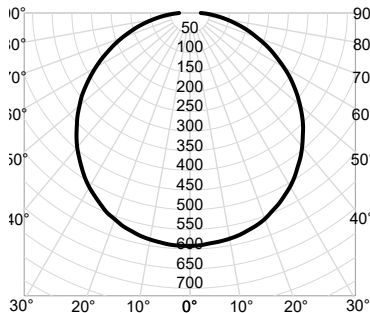
CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf	80%				20%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance			
					pc															
						50%	30%	10%	50%	30%	10%	50%	30%					10%		
0°	566	0° - 30°	445	25%	0	119	119	119	116	116	116	110	110	110	6.0	15.7	19.1	0°	3,900	
5°	562	0° - 40°	732	42%	1	102	98	94	100	96	92	95	92	89	8.0	8.8	25.5	45°	3,508	
15°	547	0° - 60°	1,307	75%	2	89	81	75	87	80	74	83	77	72	10.0	5.7	31.9	55°	3,319	
25°	511	0° - 90°	1,726	99%	3	78	69	62	76	68	62	73	66	60	12.0	3.9	38.2	65°	3,044	
35°	457	90° - 180°	22	1%	4	69	59	53	67	59	52	64	57	51	14.0	2.9	44.6	75°	2,699	
45°	389	0° - 180°	1,748	100%	5	61	52	45	60	51	45	58	50	44	Beam Angle: 115.8° Field Angle: 169.7°				85°	2,300
55°	308				6	55	46	39	54	45	39	52	44	39						
65°	219				7	50	41	35	49	40	34	47	40	34						
75°	132				8	45	37	31	45	36	31	43	36	30						
85°	56				9	42	33	28	41	33	28	40	32	27						
90°	26				10	38	30	25	38	30	25	37	30	25						

FMLSQ 15IN SWW5 90CRI WBT NL 30K Input Watts: 26.0, Delivered Lumens: 1790, LPW: 68.8, S/MH: 1.27, Test No: ISF 231966P2



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)			
						pf	80%				20%				50%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°		Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%								
0°	580	0° - 30°	456	25%	0	119	119	119	116	116	116	110	110	110		6.0	16.1	19.1	0°	3,994		
5°	576	0° - 40°	749	42%	1	102	98	94	100	96	92	95	92	89		8.0	9.1	25.5	45°	3,592		
15°	560	0° - 60°	1,338	75%	2	89	81	75	87	80	74	83	77	72		10.0	5.8	31.9	55°	3,398		
25°	524	0° - 90°	1,768	99%	3	78	69	62	76	68	62	73	66	60		12.0	4.0	38.2	65°	3,117		
35°	468	90° - 180°	23	1%	4	69	59	53	67	58	52	64	57	51		14.0	3.0	44.6	75°	2,763		
45°	398	0° - 180°	1,790	100%	5	61	52	45	60	51	45	58	50	44					85°	2,355		
55°	315				6	55	46	39	54	45	39	52	44	39		Beam Angle: 115.8° Field Angle: 169.7°						
65°	224				7	50	41	35	49	40	34	47	40	34								
75°	135				8	45	37	31	45	36	31	43	36	30								
85°	57				9	42	33	28	41	33	28	40	32	27								
90°	27				10	38	30	25	38	30	25	37	30	25								

FMLSQ 15IN SWW5 90CRI WBT NL 35K Input Watts: 26.0, Delivered Lumens: 1828, LPW: 70.3, S/MH: 1.27, Test No: ISF 231966P3



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf	80%				70%				50%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance		
					pc	50%	30%	10%	50%	30%	10%	50%	30%						10%	
0°	592	0° - 30°	466	25%	0	119	119	119	116	116	116	110	110	110	6.0	16.4	19.1	0°	4,078	
5°	588	0° - 40°	765	42%	1	102	98	94	100	96	92	95	92	89	8.0	9.3	25.5	45°	3,669	
15°	572	0° - 60°	1,367	75%	2	89	81	75	87	80	74	83	77	72	10.0	5.9	31.9	55°	3,470	
25°	535	0° - 90°	1,805	99%	3	78	69	62	76	68	62	73	66	60	12.0	4.1	38.2	65°	3,183	
35°	478	90° - 180°	23	1%	4	69	59	53	67	59	52	64	57	51	14.0	3.0	44.6	75°	2,822	
45°	407	0° - 180°	1,828	100%	5	61	52	45	60	51	45	58	50	44	Beam Angle: 115.8° Field Angle: 169.7°				85°	2,405
55°	322				6	55	46	39	54	45	39	52	44	39						
65°	229				7	50	41	35	49	40	34	47	40	34						
75°	138				8	45	37	31	45	36	31	43	36	30						
85°	58				9	42	33	28	41	33	28	40	32	27						
90°	28				10	38	30	25	38	30	25	37	30	25						



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PHOTOMETRICS

Distribution Curve

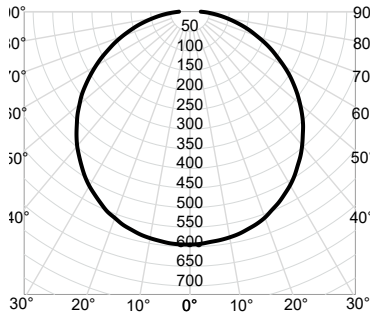
Distribution Data

Output Data

Coefficient of Utilization

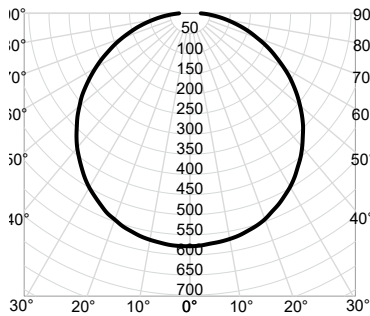
Illuminance Data at 30" Above Floor for a Single Luminaire

FMLSQ 15IN SWW5 90CRI WBT NL 40K Input Watts: 26.0, Delivered Lumens: 1835, LPW: 70.6, S/MH: 1.27, Test No: ISF 231966P4



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf	80%				20%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance			
					pc															
						50%	30%	10%	50%	30%	10%	50%	30%					10%		
0°	594	0° - 30°	467	25%	1	119	119	119	116	116	116	110	110	110	6.0	16.5	19.1	0°	4,094	
5°	590	0° - 40°	768	42%	1	102	98	94	100	96	92	95	92	89	8.0	9.3	25.5	45°	3,683	
15°	574	0° - 60°	1,372	75%	2	89	81	75	87	80	74	83	77	72	10.0	5.9	31.9	55°	3,484	
25°	537	0° - 90°	1,812	99%	3	78	69	62	76	68	62	73	66	60	12.0	4.1	38.2	65°	3,195	
35°	479	90° - 180°	23	1%	4	69	59	53	67	59	52	64	57	51	14.0	3.0	44.6	75°	2,833	
45°	408	0° - 180°	1,835	100%	5	61	52	45	60	51	45	58	50	44	Beam Angle: 115.8° Field Angle: 169.7°				85°	2,414
55°	323			6	55	46	39	54	45	39	52	44	39							
65°	230			7	50	41	35	49	40	34	47	40	34							
75°	138			8	45	37	31	45	36	31	43	36	30							
85°	58			9	42	33	28	41	33	28	40	32	27							
90°	28			10	38	30	25	38	30	25	37	30	25							

FMLSQ 15IN SWW5 90CRI WBT NL 50K Input Watts: 26.0, Delivered Lumens: 1786, LPW: 68.7, S/MH: 1.27, Test No: ISF 231966P5



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf	80%				20%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance			
					pc															
					50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	578	0° - 30°	455	25%	0	119	119	119	116	116	116	110	110	110	6.0	16.1	19.1	0°	3,985	
5°	574	0° - 40°	748	42%	1	102	98	94	100	96	92	95	92	89	8.0	9.0	25.5	45°	3,584	
15°	559	0° - 60°	1,335	75%	2	89	81	75	87	80	74	83	77	72	10.0	5.8	31.9	55°	3,391	
25°	523	0° - 90°	1,764	99%	3	78	69	62	76	68	62	73	66	60	12.0	4.0	38.2	65°	3,110	
35°	467	90° - 180°	23	1%	4	69	59	53	67	59	52	64	57	51	14.0	3.0	44.6	75°	2,757	
45°	397	0° - 180°	1,786	100%	5	61	52	45	60	51	45	58	50	44	Beam Angle: 115.8° Field Angle: 169.7°				85°	2,350
55°	315				6	55	46	39	54	45	39	52	44	39						
65°	224				7	50	41	35	49	40	34	47	40	34						
75°	135				8	45	37	31	45	36	31	43	36	30						
85°	57				9	42	33	28	41	33	28	40	32	27						
90°	27				10	38	30	25	38	30	25	37	30	25						