



Lacuna LED Flush Mount Series

14" Round Switchable White Flush Mounts

FMLACL Series



FMLACL 14IN RD BA
Brushed Aluminum



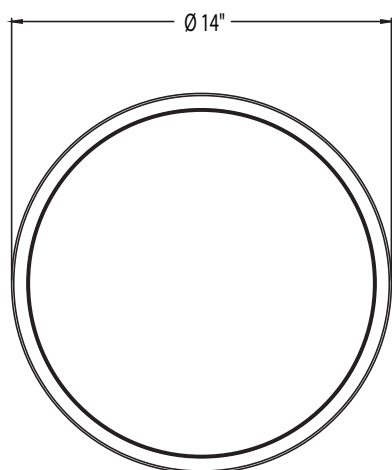
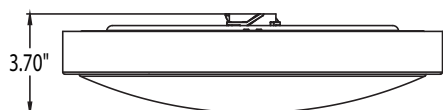
FMLACL 14IN RD MB
Matte Black



Brushed Aluminum
Shown with Halo
Effect



Dimensions



Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

The Lacuna Flush Mount Series features a timeless design mixing a solid brushed aluminum or matte black exterior with a matte white acrylic diffuser for a great look in any setting or decor. These fixtures feature the Halo effect that emits low illuminance through trim design openings to create ambient lighting. With five selectable color temperatures ranging from warm (2700K) to daylight (5000K), getting the right look for your space is a breeze.

Applications

- Installer friendly snap-and-go installation system, saving time and resources
- Residential and light commercial applications including multi-family, hospitality, assisted living, dormitories and other multi-level construction
- Ideal for foyers, hallways, corridors, stairways, living rooms, bedrooms, home offices, kitchens and more
- Close-to-ceiling, direct wire with mounting hardware

Performance

Delivered Lumens	1400L nominal at 30K
LED Color Temperature	2700K/3000K/3500K/4000K/5000K
CRI	90+
Voltage	Dedicated 120V
Dimming	Phase Dimming down to 10%

Specifications

	Width	Depth
FMLACL 14" RD	14.0	3.70

All dimensions are inches unless otherwise indicated.



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ORDERING INFORMATION

Lacuna Flush Mounts

Example: FMLACL 14IN RD SWW5 90CRI 120 BA M4

Series	Size	Trim Designation	Color Temperature	CRI	Voltage	Trim Finish
FMLACL 14" Round Decorative Flush Mount	14IN 14 inches	RD Round	SWW5 Switchable CCT 2700K/3000K/3500K/4000K/5000K	90CRI 90CRI	120 120V	BA Brushed Aluminum
						MB Matte Black

JBOX Compatibility

	3-1/2" Octagon Box Steel	4" Drawn Octagon 1-1/2" Deep Steel	4" Round Plastic / New York	4" Round Plastic / New York	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"	4" Dia. x 2.3"	4" Dia. x 2.375"	14.5" x 4.5" x 4"
Mounting Dimension	2.75"	3.5"	2.75" / 3.5"	2.75" / 3.5"	2.75" / 3.5"

Dimmer Compatibility

Forward Phase Dimmers	Reverse Phase Dimmers	Acuity Brands Dimmers
Lutron RadioRa INC Neutral based 120V 1000W/RRD-10ND	Lutron DVELV-300P	Acuity SensorSwitch® Forward phase paddle dimmer/WPD WH
Lutron DVCL-153P	Lutron Diva ELV® single pole 120V 300W/DVELV-300P	
Lutron PD-6WCL	Lutron Maestro ELV® single pole 120V 600W/MAELV-600	
Lutron RadioRa 250W Resi Dimmer/RRD-PRO	Lutron PD-5NE	
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 Illumatech® INC single pole 120V 600W/IPL06-10Z		
Leviton 6674-10W		
Leviton IPL06-10Z		



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SPECIFICATIONS

Construction

Low profile white acrylic diffuser and steel pan • Milky white acrylic diffuser 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 Lacuna Series 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.

Life

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

Labels

CSA certified to US and Canadian safety standards • Damp location listed at -4-77°F (-20-25°C) • 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.

PERFORMANCE DATA

FMLACL	
Input Voltage	120V
Input Power Typical	24.3 (+/-5%)
Power Factor	0.99
Frequency	60 Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C (-4°F) minimum

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.

LIGHTING PERFORMANCE DATA

LIGHTING PERFORMANCE DATA DONNÉES DE PERFORMANCE DE L'ÉCLAIRAGE

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

2700K soft white | blanc doux

1316 lumens | 53 lumens per watt

3000K warm white | blanc chaud

1393 lumens | 57 lumens per watt

3500K neutral white | blanc neutre

1484 lumens | 62 lumens per watt

4000K cool white | blanc froid

1511 lumens | 63 lumens per watt

5000K daylight | lumière du jour

1457 lumens | 59 lumens per watt

Watts **24**

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



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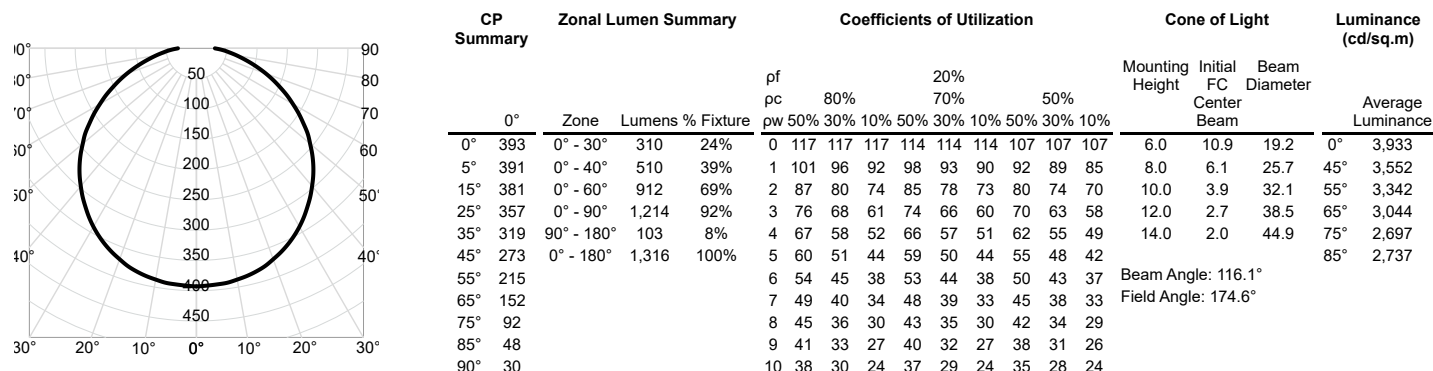
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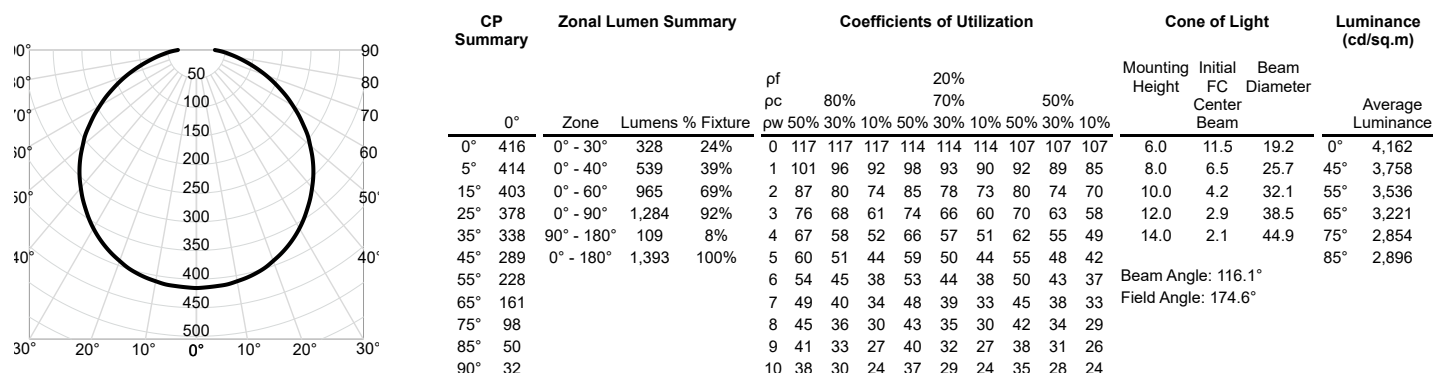
FMLACL 14IN
Matte Black

PHOTOMETRICS

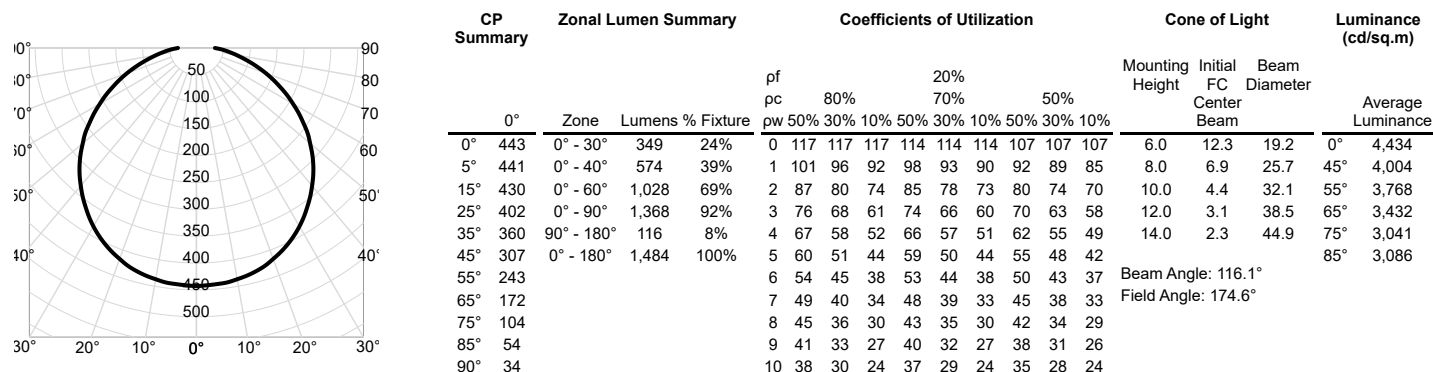
FMLACL 14IN RD SWW5 90CRI 120 BA M4 - 27K Input Watts: 24.8, Delivered Lumens: 1316, LPW: 53.1, S/MH: 1.27, Test No: ISF25 018846P6



FMLACL 14IN RD SWW5 90CRI 120 BA M4 - 30K Input Watts: 24.4, Delivered Lumens: 1393, LPW: 57.1, S/MH: 1.27, Test No: ISF25 018846P7



FMLACL 14IN RD SWW5 90CRI 120 BA M4 - 35K Input Watts: 23.7, Delivered Lumens: 1484, LPW: 62.6, S/MH: 1.27, Test No: ISF25 018846P8





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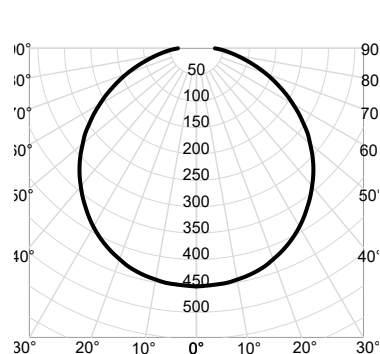
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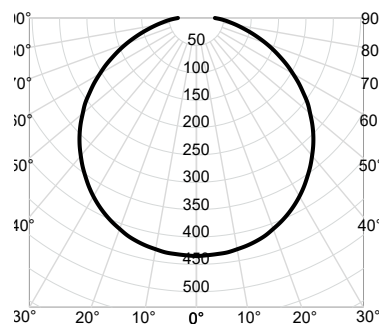
PHOTOMETRICS

FMLACL 14IN RD SWW5 90CRI 120 BA M4 - 40K Input Watts: 23.9, Delivered Lumens: 1511, LPW: 63.2, S/MH: 1.27, Test No: ISF25 018846P9



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf											Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°		Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	451	0° - 30°	356	24%	0	117	117	117	114	114	114	107	107	107	6.0	12.5	19.2	0°	4,516		
5°	449	0° - 40°	585	39%	1	101	96	92	98	93	90	92	89	85	8.0	7.0	25.7	45°	4,077		
15°	438	0° - 60°	1,047	69%	2	87	80	74	85	78	73	80	74	70	10.0	4.5	32.1	55°	3,837		
25°	410	0° - 90°	1,393	92%	3	76	68	61	74	66	60	70	63	58	12.0	3.1	38.5	65°	3,495		
35°	367	90° - 180°	118	8%	4	67	58	52	66	57	51	62	55	49	14.0	2.3	44.9	75°	3,097		
45°	313	0° - 180°	1,511	100%	5	60	51	44	59	50	44	55	48	42				85°	3,142		
55°	247				6	54	45	38	53	44	38	50	43	37	Beam Angle: 116.1° Field Angle: 174.6°						
65°	175				7	49	40	34	48	39	33	45	38	33							
75°	106				8	45	36	30	43	35	30	42	34	29							
85°	55				9	41	33	27	40	32	27	38	31	26							
90°	35				10	38	30	24	37	29	24	35	28	24							

FMLACL 14IN RD SWW5 90CRI 120 BA M4 - 50K Input Watts: 24.7, Delivered Lumens: 1457, LPW: 59.0, S/MH: 1.27, Test No: ISF25 018846P10



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf											Mounting Height	Initial FC	Beam Diameter		
0°		Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%		Center Beam			Average Luminance		
0°	435	0° - 30°	343	24%	0	117	117	117	114	114	114	107	107	107	6.0	12.1	19.2	0°	4,353		
5°	433	0° - 40°	564	39%	1	101	96	92	98	93	90	92	89	85	8.0	6.8	25.7	45°	3,931		
15°	422	0° - 60°	1,009	69%	2	87	80	74	85	78	73	80	74	70	10.0	4.3	32.1	55°	3,699		
25°	395	0° - 90°	1,343	92%	3	76	68	61	74	66	60	70	63	58	12.0	3.0	38.5	65°	3,369		
35°	353	90° - 180°	114	8%	4	67	58	52	66	57	51	62	55	49	14.0	2.2	44.9	75°	2,985		
45°	302	0° - 180°	1,457	100%	5	60	51	44	59	50	44	55	48	42				85°	3,030		
55°	238				6	54	45	38	53	44	38	50	43	37	Beam Angle: 116.1° Field Angle: 174.6°						
65°	169				7	49	40	34	48	39	33	45	38	33							
75°	102				8	45	36	30	43	35	30	42	34	29							
85°	53				9	41	33	27	40	32	27	38	31	26							
90°	34				10	38	30	24	37	29	24	35	28	24							