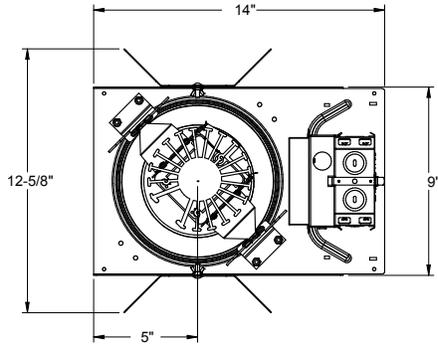


LF8ML LENS

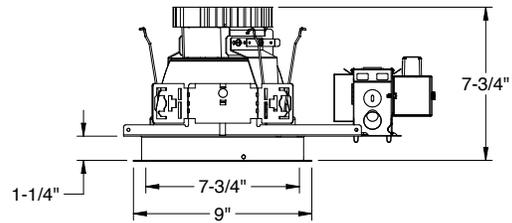
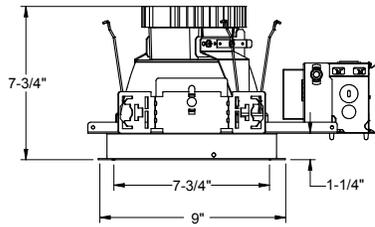
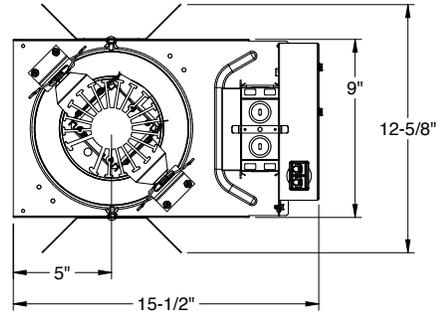
8" LED Lensed Downlight
 120V-277V • 0-10V Dimming • NSF2

DIMENSIONS

Ceiling Cutout: 8 1/4"
 Maximum Ceiling Thickness: 1/4"
 For conversion to millimeters, multiply inches by 25.4
 Not to Scale



LF8ML LENS NX(W)E



NOTES: When ordering a sloped ceiling adapter, specify the degree of slope in 5° increments, max. of 35°. For a more precise degree or wet ceiling applications, please contact factory. Sloped ceiling adapter and housing must be installed at the same time.

LF8ML LENS

8" LED Lensed Downlight
120V-277V • 0-10V Dimming • NSF2

PHOTOMETRY

DRIVER DATA	8LFML30L
Input Voltage	120V-277V
Input Frequency	60 Hz
Input Current	0.273A (120V) 0.118A (277V)
Input Power	32.7W
Power Factor	≥0.90
THD	<20%
EMI Filtering	FCC 47CFR Part 15, Class A
Operating Temperature	-20°C to 35°C
Dimming	0-10V

Over-voltage, over-current, short-circuit protected

*Power consumption and photometric output may vary slightly with various driver and CRI options.

Lumen Multiplier Table

Photometrics published below are for the 3000K, 80 CRI. This table may be used to approximate the lumen values at different Kelvin temperatures and CRI.

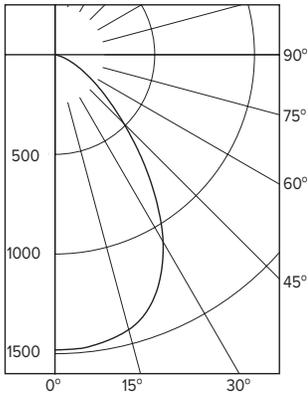
4000 Kelvin	1.07
3500 Kelvin	1.00
3000 Kelvin	1.00
2700 Kelvin	0.95
80 CRI.....	1.00
90 CRI.....	0.91

LF8ML-8LFML30L30K8DL
LED Light Engine: 3000K, 80 CRI
System Wattage: 32.7W
Fixture Delivered Lumens: 3165
Fixture Efficacy: 97
Spacing Criteria: 1:1

Test No. 18.00445-03
Tested at 25°C Ambient in accordance to IESNA LM-79-2008

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%LUMINAIRE
0-30	1349	43
0-40	2088	66
0-60	2929	93
0-90	3164	100

LUMINANCE DATA IN CANDELA/SQ. METER	
Angle in Vertical	Average
45°	31770
55°	19324
65°	12411
75°	7647
85°	2271



CANDELA DISTRIBUTION

DEG	CANDELA
0	1685
5	1688
15	1682
25	1562
35	1191
45	684
55	338
65	160
75	60
85	6
90	0

Room Cavity Ratio	COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD																
	% Effective Ceiling Cavity Reflectance						% Effective Floor Cavity Reflectance										
	80		70		50		30		10		10						
	% Wall Reflectance																
	70	50	30	10	70	50	30	10	50	30	10	50	30	10			
1	111	108	105	102	109	106	103	100	101	99	97	98	96	94	94	93	91
2	104	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	81
3	96	88	81	76	94	86	80	75	83	78	74	81	76	73	78	75	72
4	89	80	72	67	87	78	71	66	76	70	65	74	69	65	72	67	64
5	83	72	65	59	81	71	64	59	69	63	58	68	62	58	66	61	57
6	78	66	59	53	76	65	58	53	64	57	52	62	56	52	61	56	52
7	73	61	53	48	71	60	53	48	59	52	47	57	52	47	56	51	47
8	68	56	49	44	67	56	48	43	54	48	43	53	47	43	52	47	43
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39
10	60	48	41	37	59	48	41	36	47	41	36	46	40	36	45	40	36

LF8ML-8LFML30L30K8DL

Test No. 18.00445-03

Dimming Compatibility Table

Dimming Ballast	Manufacturer	Web Link
DM/DM1	Lutron DDTV	http://bit.ly/11jSvZg
DM/DM1	Leviton AWRMG-7xx, AWSMG-7xx, AWSMT-7xx	http://bit.ly/1BJn2R9
EDM	Lutron	http://bit.ly/1vtjHAL
2DM	Lutron	http://bit.ly/1S4WjXK

LF8ML LENS

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DMX

See instruction sheet on www.prescolite.com for connection & installation information.

Other useful links: <http://www.eldoled.com/led-drivers/powerdrive/50-watt/ac-561s/>

Central Inverters

For full fixture output in back-up mode, we recommend you visit www.dual-lite.com for your Central Lighting Inverter options. Please contact your local Hubbell representative for any assistance with proper sizing and loading of your inverter selection. Central lighting inverters must be ordered separately.

LiteGear: www.dual-lite.com/products/litegear_lg_series

LPS Series: www.dual-lite.com/products/lps

NX Distributed Intelligence:

Supports indoor and outdoor applications, wired, wireless and hybrid networked NX lighting control deployments and enables emerging applications such as Hubbell Lighting's SpectraSync™ color tuning technology.

See separate [NX™ Solutions Guide](#) for additional details.

See Hubbell Controls Solution [NX Brochure](#).