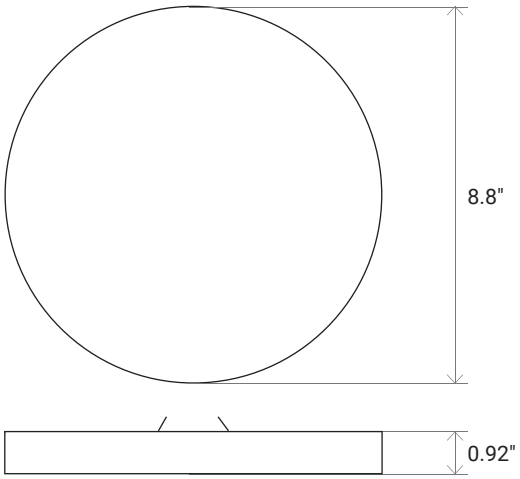
RL994-FL

9" Frameless Slim LED Surface Mount Fixture with Multi-CCT

EASY 5 COLORS
SELECCTOR
2700K • 3000K • 3500K •4000K • 5000K

DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1500	1736	18W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

CONTEMPORARY, CONVENIENT, CUSTOMIZABLE

This LED surface mount disk features a frameless, stylish design that compliments any contemporary décor, and advanced optics for bright, evenly diffused light. Easy installation options, TRIAC dimming and multi-CCT options allow for versatile customization. Ideal for walkways, hallways, stairways, lobbies, bedrooms, and offices in commercial, residential and hospitality spaces.

Damp location rated and great for low plenum space applications. Suitable for easy junction box or recessed can installation.

LUMENS	1500L
CCT	27K/30K/35K/40K/50K
CRI	90
COLOR QUALITY	2-Step MacAdam Ellipse
MOUNTING	Surface Mount
DISTRIBUTION	VWD (110°)
EMERGENCY	EMG-LED-JBOX-120-15W-HV (Remote)
VOLTAGE	120V-277V
DIMMING	DIMTR-120V/ON-OFF-277Vac
FINISH	White (WH)
WORKING TEMPERATURE	-10°C (14°F) to 40°C (104°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In accordance with IES LM79-08, LM80 and TM-30, TM-21

ENERGY STAR · Intertek · Title 24 & JA8 · DAMP LOCATION · 5 YEAR LIMITED WARRANTY

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.
MMDDYY

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OPTICS
Features a streamlined optical system with a built-in light guiding plate and reflector for glare-control and uniform lighting without dark spots or shadows. A frosted acrylic lens allows for smooth, optimal beam diffusion with an output of 1500L.

Built with ultra efficient, ultra bright 2835 LEDs in an edge-lit design for optimal energy and cost efficiency.

DIMMING
DIMTR - 120V Triac dimming at 120V. Non-dimming at 277vac.

CONSTRUCTION
Body and backplate constructed from a durable, lightweight die-cast aluminum for easy installation and optimal heat conduction. A low profile makes for an inobtrusive option, while a seamless edge design between the acrylic lens and body allows for a clean, modern look. Engineered to install into most standard junction boxes. Non-IC rated.

Multi-CCT and power switches located inside the luminaire and can be accessed by removing the back plate.

WARRANTY
5-year warranty for parts and components (labor not included).

LISTINGS
Energy Star compliant.
Title 24 and JA8 compliant.
Damp location rated.
Suitable for use in closet storage spaces when installed in accordance with NFPA-70 and NEC 410.16 spacing requirements. 12 inches (300 mm) spacing recommended for surface-mounted incandescent or LED luminaires.

J-box installation

Housing installation

COMPATIBLE JUNCTION BOXES (NOT SOLD AT ELITE):

Pancake J-Box (Metal)

3.5" Round (Plastic)

4" Square (Plastic)

4" Octagonal (Metal)

Fire Rated J-Box

EXAMPLE: RL994-FL-1500L-DIMTR-120/MVOLT-27K/30K/35K/40K/50K-90-WH

RL994						
SERIES	**LUMENS**	**DIMMING-VOLTAGE**	**CCT**	**CRI**	**FINISH**	**EMERGENCY**
RL994-FL	1500L	DIMTR-120/MVOLT	27K/30K/35K/40K/50K	90	WH - White	EMG-LED-JBOX-120-15W-HV (Remote install)

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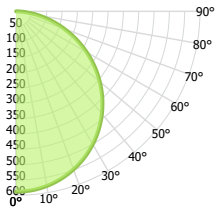
RL994-FL-1500L-DIMTR-120-NODIM-277-27K-30K-35K-40K-50K-90-WH TEST NO.: **EL07172536**

INPUT WATTS: **17.6** LUMENS: **1736** EFFICACY: **99** BEAM ANGLE: **114** SPACING CRITERIA: **1.26 x 1.26**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	588	588
10°	578	579
20°	548	551
30°	501	504
40°	436	440
50°	356	361
60°	266	271
70°	169	174
80°	75	79
90°	0	2

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	14793	14793
45.00°	14148	14316
55.00°	13694	13932
65.00°	12939	13272
75.00°	11686	12179
85.00°	9484	10702

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	56
10° - 20°	160
20° - 30°	243
30° - 40°	295
40° - 50°	308
50° - 60°	281
60° - 70°	218
70° - 80°	130
80° - 90°	39

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	216	12%
0° - 30°	459	26%
0° - 40°	754	43%
0° - 60°	1344	77%
0° - 80°	1692	97%
0° - 90°	1731	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	16.3 lx	18.5 m	18.9 m
8.0 m	9.2 lx	24.6 m	25.2 m
10.0 m	5.9 lx	30.8 m	31.5 m
12.0 m	4.1 lx	36.9 m	37.8 m
14.0 m	3.0 lx	43.1 m	44.0 m
16.0 m	2.3 lx	49.2 m	50.3 m
18.0 m	1.8 lx	55.4 m	56.6 m
20.0 m	1.5 lx	61.5 m	62.9 m

INDOOR COEFFICIENTS OF UTILIZATION

ρf									20%										0%
ρc		80%				70%				50%				30%			10%		0%
ρw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101	
1	109	104	100	96	106	102	98	94	98	94	91	94	91	88	90	88	86	83	
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	78	75	71	69	
3	90	79	71	64	88	78	70	64	75	68	62	72	66	61	69	64	60	58	
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49	
5	76	63	53	47	74	61	53	46	59	52	46	57	50	45	55	49	45	43	
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37	
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	39	35	33	
8	60	47	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29	
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24	