



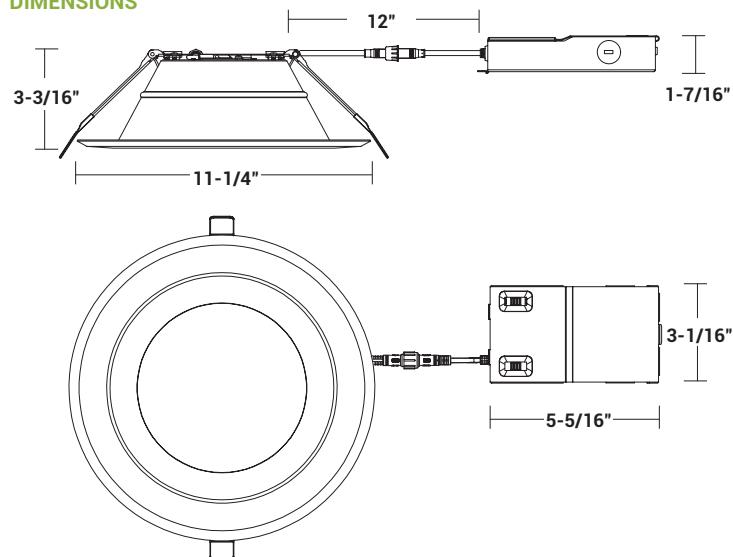
**MULTILUMEN
SELECTOR**

**EASY 5 COLORS
SELECTOR**
2700K • 3000K • 3500K • 4000K • 5000K

2-HOUR FIRE RATING

Tested to comply with UL 263, ASTM E119 & CAN ULC S101

DIMENSIONS



Recommended Hole Cut-out Size: 8-1/16"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
3000L	3137L	23W
3500L	4005L	31W
4000L	4340L	34W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. The width in ceiling needed for the driver to fit is 3".

For wet location application, you MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.



FEATURES

SAFETY AND SOPHISTICATION

This 10", 2-hour fire rated downlight features a recessed design and regressed lens for a modern, low-glare look that capitalizes on both safety and aesthetics. 0-10V dimming, and selectable lumen and CCT options make for versatile application and are easily accessed by lowering the luminaire from the ceiling. Ideal for general lighting in recessed retrofit, remodel, and new construction applications in apartments, dormitories, corporate commercial, retail, and hospitality spaces.

Remote driver and small aperture allow for easy installation. Accommodates low plenum spaces and insulated and dropped ceilings. No housing necessary.

LUMENS	3000L/3500L/4000L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed
DIMMING	DIM10 - 0-10V Flicker-free 1% Dimming
BEAM ANGLE	Very Wide (VWD) at 85°
FINISH	White (WH) Standard
TRIM COLOR	White (W)
WORKING TEMP.	-20°C (-4°F) to 40°C (104°F)
EMERGENCY	15W High Voltage Inverter (Remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21

- Can be installed in shallow plenum spaces
- May be installed in drywall or suspended ceilings
- Even illumination achieved with patent-pending optics and edge-lit LED technology
- Ideal where ceiling or top access is unavailable



OPTICS

Features a regressed polycarbonate lens and reflector for an optimal, glare-free beam.

A beam angle of 85° translates to a Very Wide indoor distribution (VWD), for broad reaching illumination.

Available in a lumen set of 3000L/3500L/4000L and with 5 selectable CCT options of 27K/30K/35K/40K/50K for selectable warm to cool color atmospheres.

CCT factory set to 5000K; lumen factory set to 4000L.

CONSTRUCTION

Housing and reflector made from a durable, lightweight spun iron. A reinforced and heat resistant steel casing ensures a 2-hour fire rating.

A slim profile and remote driver allows for use in low plenum spaces. Pre-installed torsion clips allow for easy and fast recessed installation; no recessed housing necessary.

Junction box with commercial grade driver included. Lumen and CCT switch located on driver.

Sealed for wet location use. Airtight, non-IC rated.

Available in a trademark red housing with a white trim finish.

MAINTENANCE

Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

MOUNTING

Suitable for recessed mounting in retrofit, remodel, and new construction applications. Ideal where ceiling or top access is unavailable. Compatible with various rough plates for new construction use. 8-1/16" installation hole size.

OPTIONS & ACCESSORIES

Available to order with 15W emergency battery backup option.

Extension cable options:

- RL-ACC-SLIM-1-10F (10-ft)
- RL-ACC-SLIM-1-20F (20-ft)

Rough plate options:

- RL-UNV-1/2/3/4/5/6/8/10 for use with 1", 2", 3", 4", 5", 6", 8" and 10" downlights

See order chart for details.

DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120V-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

DIM10 - 0-10V 1% Dimming at 120-277V.

WARRANTY

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

LISTINGS

UL listed.

Energy Star certified.

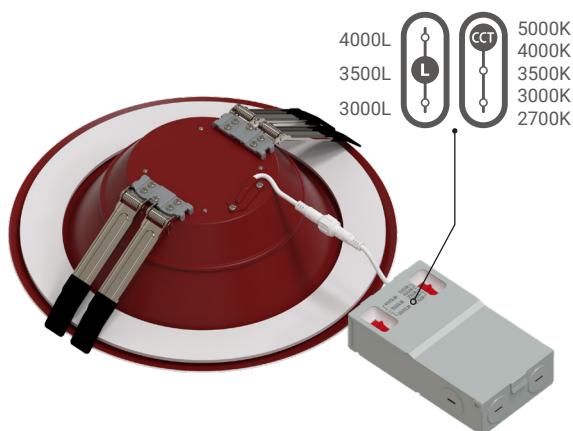
Wet location suitable.

Title 24 and JA8 compliant.

Non-IC rated.

2-hour fire rating complies with ASTM E119, UL263. Certified to CSA standard C22.2 No. 250.0-08.

MULTI-LUMEN & MULTI-CCT SWITCHES



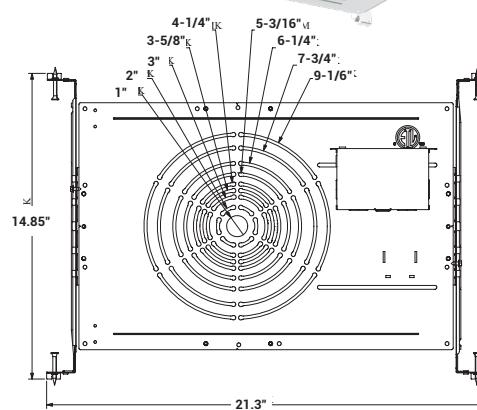
OPTION & ACCESSORIES



RL-ACC-SLIM-1-10F
10-ft long extension

RL-ACC-SLIM-1-20F
20-ft long extension

RL-UNV-1/2/3/4/5/6/8/10
For use with 1", 2", 3", 4", 5", 6", 8", and 10" downlights



Example: **FS-RL1044-3000L/3500L/4000L-DIM10-MVOLT-27K/30K/35K/40K/50K-90-W-WH**

FS-RL1044					
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SERIES	LUMENS	DIMMING	CCT	FINISH	OPTION / ACCESSORIES
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FS-RL1044 3000L/3500L/4000L DIM10/MVOLT 27K/30K/35K/40K/50K W-WH - White RL-ACC-SLIM-1-10F - 10-ft long extension

RL-ACC-SLIM-1-20F - 20-ft long extension

RL-UNV-1/2/3/4/5/6/8/10 - Universal Mounting Plate for 1", 2", 3", 4", 5", 6", 8" and 10"

O-EMG-LED-JBOX-15W-FLEX (Remote) - 15W Emergency Back up (Remote)

INPUT WATTS: 23.1	LUMENS: 3137	EFFICACY: 136	BEAM ANGLE: 93	TEST NO.: EL08142422
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CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY			
				0°	90°	0.00°	90.00°	ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE	
				0°	1548	1548	0.00°	33139	33139	0° - 10°	154	562	18%
				10°	1505	1502	45.00°	24215	25417	10° - 20°	408	1159	37%
				20°	1383	1393	55.00°	17272	19466	20° - 30°	596	1834	58%
				30°	1192	1215	65.00°	6838	8763	30° - 40°	676	2896	92%
				40°	945	978	75.00°	3471	4114	40° - 50°	626	3122	100%
				50°	641	689	85.00°	1985	3135	50° - 60°	436	3136	100%
				60°	278	336				60° - 70°	173		
				70°	73	86				70° - 80°	53		
				80°	24	30				80° - 90°	14		
				90°	0	0							

CONE OF LIGHT				INDOOR COEFFICIENTS OF UTILIZATION																							
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf			pc			pw			70%			50%			30%			10%			0%		
				70%	50%	30%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	0%
6.0 ft	43.0 fc	12.6 ft	12.5 ft	0	119	119	119	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100				
8.0 ft	24.2 fc	16.9 ft	16.7 ft	1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	90	89					
10.0 ft	15.5 fc	21.1 ft	20.9 ft	2	103	96	90	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77					
12.0 ft	10.7 fc	25.3 ft	25.1 ft	3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68					
14.0 ft	7.9 fc	29.5 ft	29.3 ft	4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59					
16.0 ft	6.0 fc	33.7 ft	33.5 ft	5	82	70	62	56	80	69	62	56	67	61	56	65	59	55	63	58	54	53					
18.0 ft	4.8 fc	37.9 ft	37.6 ft	6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	48	44	42						
20.0 ft	3.9 fc	42.1 ft	41.8 ft	7	71	58	50	45	69	58	50	45	56	49	44	55	49	44	43	40	38	34					
				8	66	54	46	40	65	53	45	40	52	45	40	50	44	40	49	44	40	38					
				9	62	49	42	37	60	49	42	37	48	41	36	47	41	36	46	40	36	34					
				10	58	46	38	34	57	45	38	33	44	38	33	43	37	33	43	37	33	31					

INPUT WATTS: 30.8	LUMENS: 4005	EFFICACY: 130	BEAM ANGLE: 92	TEST NO.: EL08142422
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CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY			
				0°	90°	0.00°	90.00°	ZONE	LUMENS	ZONE	LUMENS	% LUMINAIRE	
				0°	1974	1974	0.00°	42268	42268	0° - 10°	197	718	18%
				10°	1912	1963	45.00°	30716	33259	10° - 20°	521	1478	37%
				20°	1757	1821	55.00°	21874	25499	20° - 30°	761	2341	58%
				30°	1515	1589	65.00°	8629	11642	30° - 40°	862	3696	92%
				40°	1199	1280	75.00°	4382	5429	40° - 50°	799	3986	100%
				50°	812	902	85.00°	2486	4165	50° - 60°	556	4003	100%
				60°	351	442				60° - 70°	222		
				70°	92	114				70° - 80°	68		
				80°	30	39				80° - 90°	18		
				90°	0	0							

CONE OF LIGHT				INDOOR COEFFICIENTS OF UTILIZATION																							
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°	BEAM DIA. 90°	pf			pc			pw			70%			50%			30%			10%			0%		
				70%	50%	30%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	0%
6.0 ft	54.8 fc	12.5 ft	12.7 ft	0	119	119	119	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100				
8.0 ft	30.8 fc	16.6 ft	16.9 ft	1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	90	89					
10.0 ft	19.7 fc	20.8 ft	21.2 ft	2	103	96	90	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77					
12.0 ft	13.7 fc	24.9 ft	25.4 ft	3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68					
14.0 ft	10.1 fc	29.1 ft	29.6 ft	4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59					
16.0 ft	7.7 fc	33.2 ft	33.9 ft	5	82	70	62	56	80	69	62	56	67	61	56	65	59	55	63	58	54	53					
18.0 ft	6.1 fc	37.4 ft	38.1 ft	6	76	64	56	50	74	63	55	50	61	55	49	60	54	49	48	44	40	38					
20.0 ft	4.9 fc	41.5 ft	42.4 ft	7	71	58	50	45	69	58	50	45	56	49	44	55	49	44	43	40	38	34					
				8	66	54	46	40	65	53	46	40	52	45	40	50	44	40	49	44	40	38					
				9	62	49	42	37	61	49	42	37	48	41	36	47	41	36	46	40	36	34					
				10	58	46	38	34	57	45	38	33	44	38	33	43	37	33	43	37	33	31					

INPUT WATTS: 33.8	LUMENS: 4340	EFFICACY: 128	BEAM ANGLE: 93	TEST NO.: EL08142422
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CANDELA DISTRIBUTION				CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY		

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