



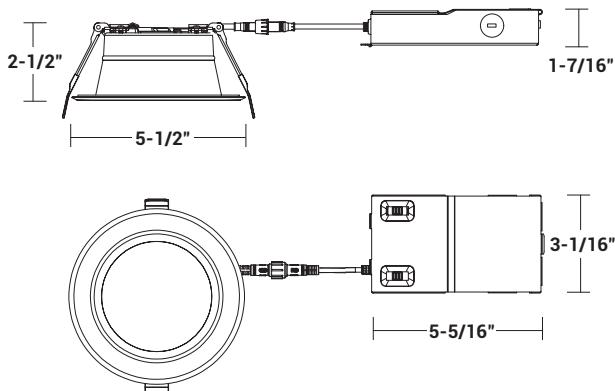
**MULTILUMEN  
SELECTOR**

**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: 4-5/16"**

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
600L	761L	6W
800L	929L	8W
1000L	1145L	10W

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 4", 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. IC rated and no housing necessary.

LUMENS	600L/800L/1000L
CCT	27K/30K/35K/40K/50K
CRI	90+ Standard
COLOR QUALITY	4-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 & 16W 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 600L/800L/1000L 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 1000L.

#### 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, IC rated and ready for contact with insulation.

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. 4 5/16" installation hole size.

#### OPTIONS & ACCESSORIES

Available to order with 15W or 16W 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-4/5/6 for use with 4", 5", and 6" downlights
- AL-ACC-SLIM-4-F-ROUGHPLATE for use with 4" downlights
- RL-ACC-SLIM-4-ROUGHPLATE for use with 4" downlights
- 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.

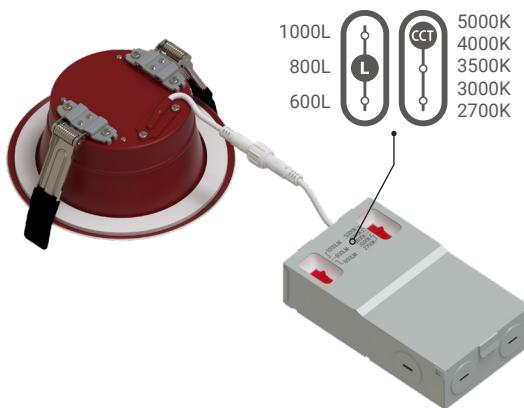
Wet location suitable.

Title 24 and JA8 compliant.

Airtight, IC rated, and ready for contact with insulation.

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**

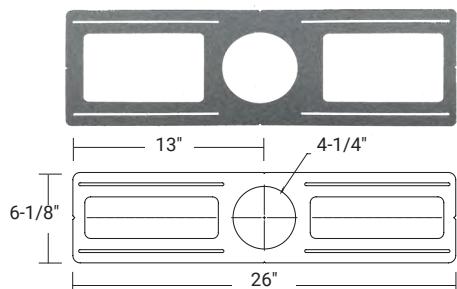
10-ft long extension

**RL-ACC-SLIM-1-20F**

20-ft long extension

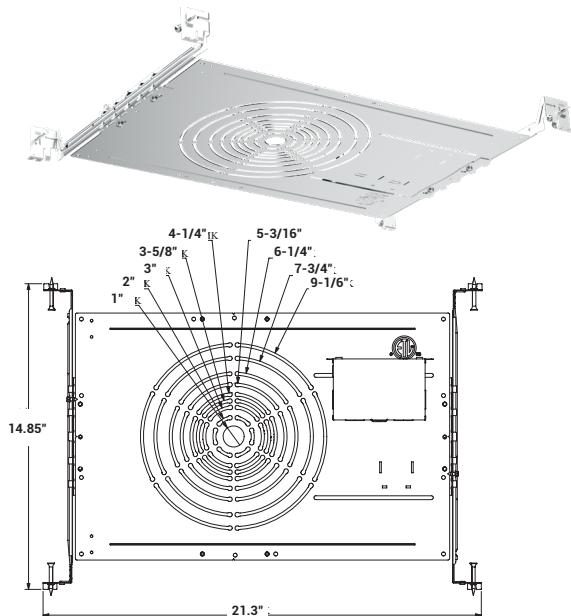
**RL-ACC-SLIM-4-ROUGHPLATE**

For 4" downlights



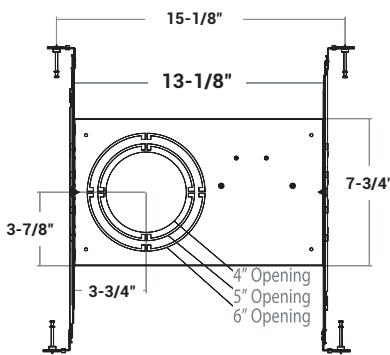
**RL-UNV-1/2/3/4/5/6/8/10**

For use with 1", 2", 3", 4", 5", 6", 8", and 10" downlights



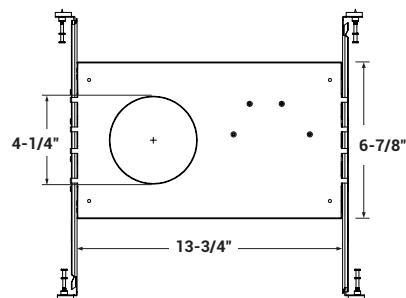
**RL-UNV-4/5/6**

For use with 4", 5", and 6" downlights



**AL-ACC-SLIM-4-ROUGHPLATE**

For 4" downlights



Example: **FS-RL444-600L/800L/1000L-DIM10-MVOLT-27K/30K/35K/40K/50K-90-W-WH**

FS-RL444					
OPTION / ACCESSORIES	FINISH	CCT	DIMMING	LUMENS	SERIES
RL-ACC-SLIM-1-10F - 10-ft long extension	W-WH - White	27K/30K/35K/40K/50K	DIM10/MVOLT - 0-10V	600L/800L/1000L	FS-RL444
RL-ACC-SLIM-1-20F - 20-ft long extension					
RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6"					
AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Flanged Roughplate					
AL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate					
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)					
O-EMG-LED-JBOX-16W-FLEX (Remote) - 16W Emergency Back up (Remote)					

**FS-RL444-600L-800L-1000L-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH(600L)**

TEST NO.: **EL08122415**

INPUT WATTS: **6.2** LUMENS: **761** EFFICACY: **123** BEAM ANGLE: **83** SPACING CRITERIA: **1.12**

CANDELA DISTRIBUTION				CANDELA TABLE				LUMINANCE (cd/sq.m)				LUMENS PER ZONE				ZONAL LUMEN SUMMARY							
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°		BEAM DIA. 90°		0° 90°		0.00° 90.00°		ZONE		LUMENS		ZONE		LUMENS		ZONE		LUMENS		% LUMINAIRE	
		70%	80%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
6.0 ft	11.8 fc	10.5 ft	10.5 ft	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	0%
8.0 ft	6.7 fc	14.0 ft	14.0 ft	1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	90	89	0%
10.0 ft	4.3 fc	17.5 ft	17.5 ft	2	103	96	91	86	101	95	90	85	91	87	83	88	85	82	85	82	80	78	0%
12.0 ft	3.0 fc	21.1 ft	21.0 ft	3	96	87	80	75	93	86	79	74	83	77	73	80	76	72	78	74	71	69	0%
14.0 ft	2.2 fc	24.6 ft	24.5 ft	4	89	79	72	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61	0%
16.0 ft	1.7 fc	28.1 ft	28.0 ft	5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55	0%
18.0 ft	1.3 fc	31.6 ft	31.5 ft	6	77	66	58	52	76	65	58	52	63	57	52	56	51	47	56	50	46	45	0%
20.0 ft	1.1 fc	35.1 ft	35.0 ft	7	72	60	53	47	71	60	52	47	58	52	47	57	51	47	53	42	52	46	42
				8	68	56	48	43	66	55	48	43	54	47	43	49	43	39	48	43	39	37	0%
				9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37	0%
				10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34	0%

**FS-RL444-600L-800L-1000L-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH(800L)**

TEST NO.: **EL08122415**

INPUT WATTS: **7.6** LUMENS: **929** EFFICACY: **122** BEAM ANGLE: **82** SPACING CRITERIA: **1.12**

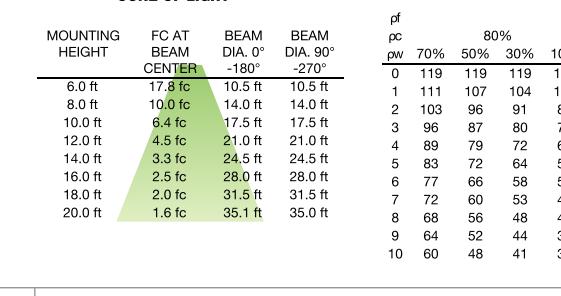
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°		BEAM DIA. 90°		0° 90°		0.00° 90.00°		ZONE		LUMENS		ZONE		LUMENS		ZONE		LUMENS		% LUMINAIRE	
		70%	80%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
6.0 ft	14.5 fc	10.5 ft	10.5 ft	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	0%
8.0 ft	8.1 fc	14.0 ft	14.0 ft	1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	90	89	0%
10.0 ft	5.2 fc	17.5 ft	17.5 ft	2	103	96	91	86	101	95	90	85	91	87	83	88	85	82	85	82	80	78	0%
12.0 ft	3.6 fc	21.0 ft	21.0 ft	3	96	87	80	75	93	86	79	74	83	77	73	80	76	72	78	74	71	69	0%
14.0 ft	2.7 fc	24.6 ft	24.5 ft	4	89	79	72	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61	0%
16.0 ft	2.0 fc	28.1 ft	28.0 ft	5	83	72	64	59	81	71	64	58	69	62	58	67	61	57	65	60	56	55	0%
18.0 ft	1.6 fc	31.6 ft	31.5 ft	6	77	66	58	52	76	65	58	52	63	57	52	56	51	47	56	50	46	45	0%
20.0 ft	1.3 fc	35.1 ft	35.0 ft	7	72	60	53	47	71	60	52	47	58	52	47	57	51	47	53	42	52	46	42
				8	68	56	48	43	66	55	48	43	54	47	43	49	43	39	48	43	39	37	0%
				9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37	0%
				10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34	0%

**FS-RL444-600L-800L-1000L-DIM10-MVOLT-27K-30K-35K-40K-50K-90-W-WH(1000L)**

TEST NO.: **EL08122415**

INPUT WATTS: **9.6** LUMENS: **1145** EFFICACY: **119** BEAM ANGLE: **82** SPACING CRITERIA: **1.12**

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°		BEAM DIA. 90°		0° 90°		0.00° 90.00°		ZONE		LUMENS		ZONE		LUMENS		ZONE		LUMENS		% LUMINAIRE	
		70%	80%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
6.0 ft	17.8 fc	10.5 ft	10.5 ft	0	642	642	0.00°	97790	97790	0° - 10°	64	0%	233	233	20%	0° - 20°	478	478	42%	0° - 30°	737	737	64%
8.0 ft	10.0 fc	14.0 ft	14.0 ft	1	623	626	45.00°	52318	57917	10° - 20°	169	0%	489	489	64%	0° - 40°	737	737	64%	0° - 60°	1043	1043	91%
10.0 ft	6.4 fc	17.5 ft	17.5 ft	2	570	579	55.00°	28872	33295	20° - 30°	244	0%	846	846	91%	0° - 80°	1136	1136	99%	0° - 90°	1145	1145	100%
12.0 ft	4.5 fc	21.0 ft	21.0 ft	3	476	491	65.00°	20585	22862	30° - 40°	259	0%	92	92	0%	0° - 20°	189	189	20%	0° - 30°	387	387	42%
14.0 ft	3.3 fc	24.5 ft	24.5 ft	4	329	353	75.00°	16951	19604	40° - 50°	197	0%	93	93	0%	0° - 40°	737	737	64%	0° - 60°	1043	1043	91%
16.0 ft	2.5 fc	28.0 ft	28.0 ft	5	166	189	85.00°	8928	14502	50° - 60°	109	0%	60	60	0%	0° - 80°	1136	1136	99%	0° - 90°	1145	1145	100%
18.0 ft	2.0 fc	31.5 ft	31.5 ft	6	76	85	0%	60	65	60	60	60	60	60	60	60	60	60	60	60	60	60	0%
20.0 ft	1.6 fc	35.1 ft	35.0 ft	7	72	60	53	47	71	60	52	47	58	52	47	57	51	47	53	42	52	46	42
				8	68	56	48	43	66	55	48	43	54	47	43	49	43	39	48	43	39	37	0%
				9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37	0%
				10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34	0%



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