

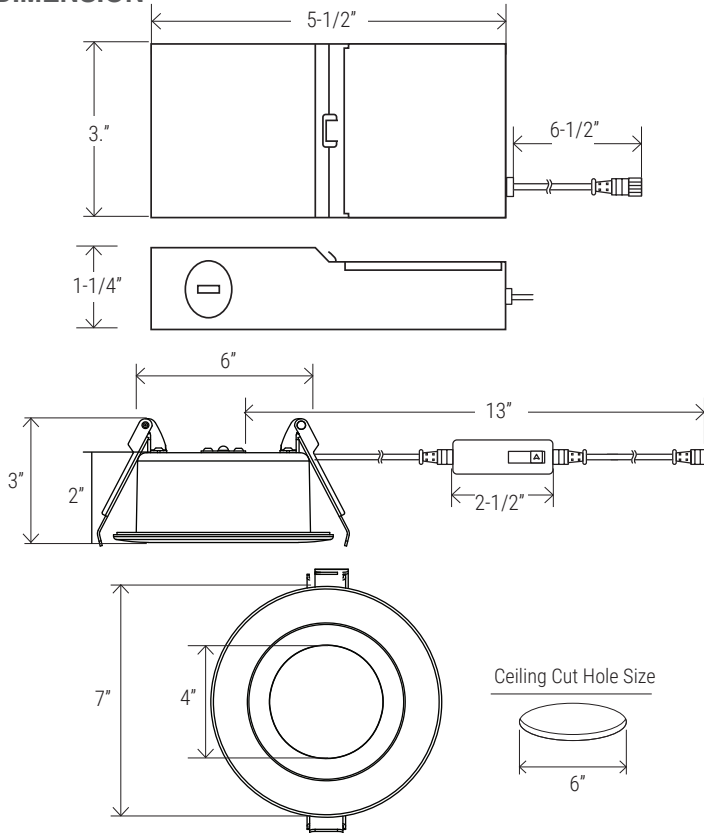


**EASY 5 COLORS
SELECTOR**
2700K • 3000K • 3500K • 4000K • 5000K

2 HOUR FIRE RATING

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

DIMENSION



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1100	1108	14W

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".

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

2 Hours Fire Rated 6" round multi-CCT LED "Slim Disk" engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Easily access field-adjustable 5-Color SeleCCTor switch by lowering the luminaire from the opening. Recessed housing not required, especially with limited plenum applications. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	1100
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Flat Lens
TRIM COLORS	WH (White)
DIMMING	DIMTR (Triac)
EMERGENCY	16W high voltage inverter (remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

FEATURES

- 2-Hour fire rating providing a reinforced and heat resistant steel casing
- Selectable color temperature: 27K, 30K, 35K, 40K & 50K
- Junction box with commercial grade driver included
- Triac Dimmable, Certified airtight, IC rated
- Easy installation with Heavy-Duty Commercial Grade Steel spring clip
NO ADDITIONAL BOX REQUIRED
- Ambient operating temperature: -40°C (-40°F) to +40°C (+104°F).
- Aluminum Die Cast trim with powder paint coat preventing discoloring and rusting.
- ETL listed in USA & Canada. 2-HOUR FIRE RATING and complies with ASTM E119, UL 263. certified to CSA standard C22.2 No. 250.0-08
- 5-Year, no-compromise warranty.



SLIM TRIM

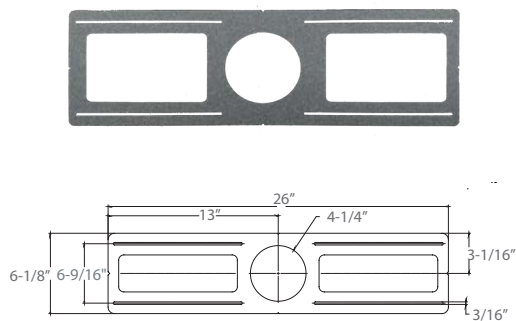
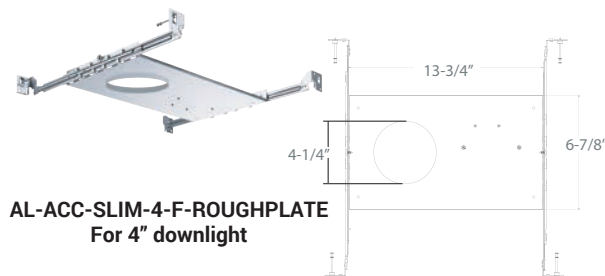
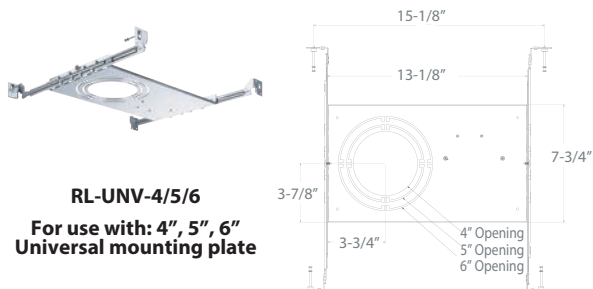


EXAMPLE:

FS-RL640-1100L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

TYPE	LUMEN	CCT	CRI	FINISH
FS-RL640	1100L-DIMTR-120	27K/30K/35K/40K/50K	90+	W-WH

ACCESSORIES



RL-ACC-SLIM-4-ROUGHPLATE
Rough-in plate for use with 4" downlights

RL-ACC-SLIM-1-10F

OPTIONS

- ☐ RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6"
- ☐ RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate
- ☐ AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Flanged Roughplate
- ☐ EMG-LED-G-16W-HV-FLEX - 16W high voltage inverter (remote)

FS-RL640-1100L-DIMTR-120V-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: **EL03212331**

INPUT WATTS: **14.6**

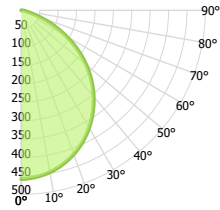
LUMENS: **1108**

EFFICACY: **76**

BEAM ANGLE: **102**

SPACING CRITERIA: **1.19**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	458	463
10°	447	456
20°	416	430
30°	368	386
40°	306	326
50°	230	253
60°	141	166
70°	53	74
80°	11	15
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	17451	17619
45.00°	14498	15645
55.00°	12397	13991
65.00°	8590	10755
75.00°	3276	5173
85.00°	1494	3088

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	46
10° - 20°	123
20° - 30°	184
30° - 40°	216
40° - 50°	214
50° - 60°	176
60° - 70°	106
70° - 80°	35
80° - 90°	7

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	169	15%
0° - 30°	353	32%
0° - 40°	569	51%
0° - 60°	959	87%
0° - 80°	1101	99%
0° - 90°	1107	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	12.7 fc	14.9 ft	15.0 ft
8.0 ft	7.2 fc	19.8 ft	20.0 ft
10.0 ft	4.6 fc	24.8 ft	25.0 ft
12.0 ft	3.2 fc	29.8 ft	30.0 ft
14.0 ft	2.3 fc	34.7 ft	35.0 ft
16.0 ft	1.8 fc	39.7 ft	40.0 ft
18.0 ft	1.4 fc	44.6 ft	45.0 ft
20.0 ft	1.1 fc	49.6 ft	50.0 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																		0%		
pc	80%				70%				50%				30%				10%				0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	110	106	102	99	108	104	100	97	100	97	94	96	94	91	92	90	89	87			
2	101	94	88	83	99	92	86	82	88	84	80	85	81	78	82	79	76	74			
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	74	69	66	64			
4	85	74	66	60	83	73	65	59	70	64	59	68	62	58	66	61	57	55			
5	79	67	58	52	77	66	58	52	64	57	51	62	55	51	60	54	50	48			
6	73	60	52	46	71	59	51	45	58	50	45	56	50	45	54	49	44	42			
7	68	55	46	41	66	54	46	40	53	45	40	51	45	40	50	44	40	38			
8	63	50	42	36	62	49	42	36	48	41	36	47	41	36	46	40	36	34			
9	59	46	38	33	58	46	38	33	44	37	33	43	37	32	42	37	32	31			
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	29	28			