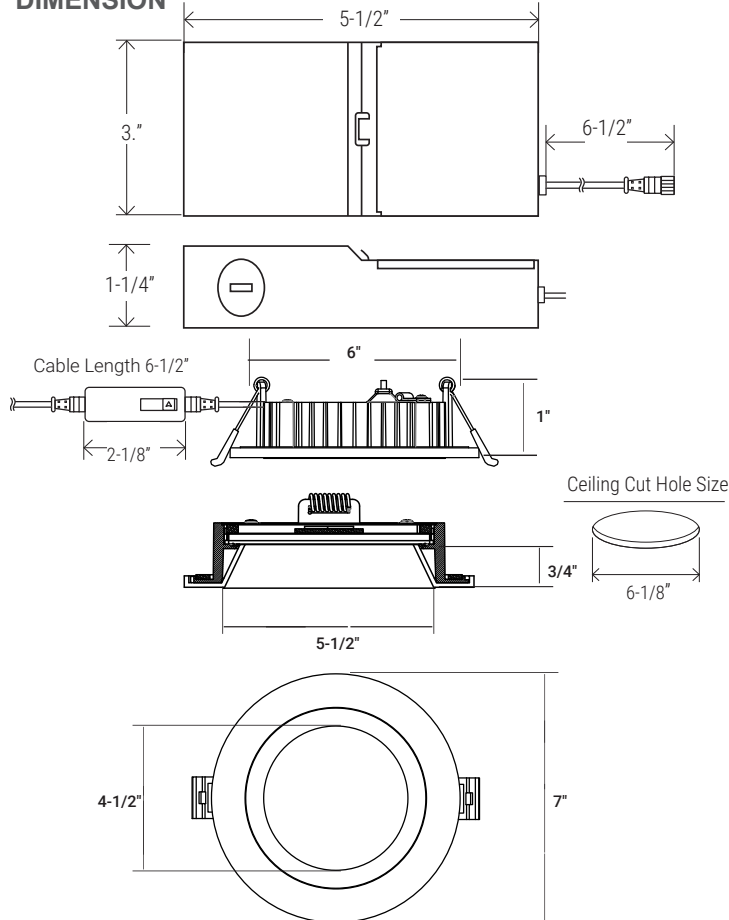




EASY 5 COLORS
SELECTOR
2700K • 3000K • 3500K • 4000K • 5000K



DIMENSION



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1200	1200	15W

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 ceiling needed for the driver to fit the 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

6" Anti-Glare Downlight with Interchangeable Trims and 5 CCT Selector. Experience unmatched comfort with anti-glare technology, while effortlessly customizing its appearance with interchangeable trims. The 5 CCT Selector lets you create the perfect ambiance with adjustable color temperatures. Crafted with premium materials for durability, this energy-efficient downlight suits various spaces, from residential to commercial.

LUMENS	1200
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Baffle
TRIM COLORS	Trim Color: WH-white, BK-black, BN-brushed nickel Baffle Colors: WH, BK, BN, CH-chrome, BZ-bronze, GD-gold, SN-satin nickel
DIMMING	DIMTR- Triac Dimming
EMERGENCY	16W high voltage inverter (remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TEST	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

- LED 6" durable airtight aluminum body.
- Wet location rated
- UV stable paint and white F1-rated diffuser lens suitable for outdoor.
- Includes different interchangeable twist-and-lock trims for low-glare.
- New construction, remodel, or retrofit to accommodate insulated ceiling.
- Recessed housing not required, especially with limited plenum applications.
- Easily access field-adjustable 5-Color Select CCT.
- Remote driver allows easy installation and maintenance.
- Junction box with commercial grade driver included
- Plenum rated cable and off-board LED isolated driver which compliance with Class 2.
- Triac dimmable down to 10% using standard LED Dimmers.
- Energy Star rated, JA8, ETL, FCC Part15B compliance and wet location, Type-IC rated. Airtight.
- Lifetime rated for over 50000hrs
- Operation temperature: -20°C to +45°C



TRIM

TRIM COLORS

ACCESSORIES



**RL680-RT-BK
BLACK**



**RL680-RT-SN
SATIN NICKEL**



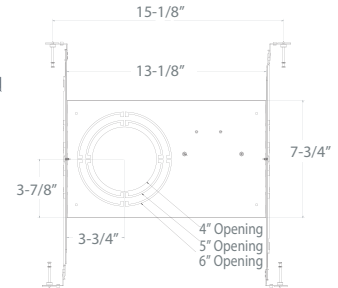
RL-ACC-SLIM-1-10F
10-ft long extension



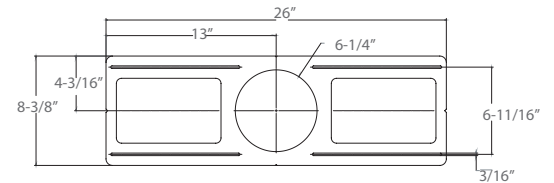
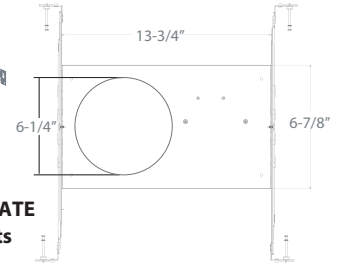
RL-ACC-SLIM-1-20F
20-ft long extension



RL-UNV-4/5/6
For use with: 4", 5", 6"
Universal mounting plate



AL-ACC-SLIM-6-F-ROUGHPLATE
For use with: 6" downlights



RL-ACC-SLIM-6-ROUGHPLATE
Rough-in plate for use with 6" downlights

EXAMPLE:
RL680-1200L-DIMTR-120-27K/30K/35K/40K/50K-90-W-WH

TYPE	LUMEN	CCT	CRI	FINISH
RL680	1200L-DIMTR-120	27K/30K/35K/40K/50K	90+	W-WH - White

EXAMPLE:
RL680-RT-BK

ACCESSORIES
<input type="checkbox"/> RL680-RT-BK-Black <input type="checkbox"/> RL680-RT-SN-Satin Nickel

RL-ACC-SLIM-1-10F

OPTIONS
<input type="checkbox"/> RL-ACC-SLIM-1-10F - 10ft Long Extension <input type="checkbox"/> RL-ACC-SLIM-1-20F - 20ft Long Extension <input type="checkbox"/> RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6" <input type="checkbox"/> RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate <input type="checkbox"/> AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Flanged Roughplate

RL680-1200L-DIMTR-120-27K-30K-35K-40K-50K-90-W-WH

TEST NO.: **EL02172350**

INPUT WATTS: **14.9**

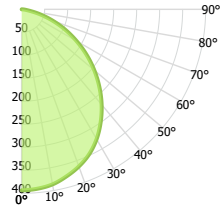
LUMENS: **1008**

EFFICACY: **68**

BEAM ANGLE: **104**

SPACING CRITERIA: **1.23**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	394	395
10°	386	389
20°	363	368
30°	326	334
40°	270	281
50°	206	219
60°	138	151
70°	71	84
80°	16	24
90°	0	0

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	33710	33847
45.00°	28942	30402
55.00°	25713	27717
65.00°	21113	23813
75.00°	13506	17362
85.00°	5455	8285

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	39
10° - 20°	106
20° - 30°	160
30° - 40°	189
40° - 50°	187
50° - 60°	158
60° - 70°	109
70° - 80°	50
80° - 90°	9

ZONAL LUMEN SUMMARY

ZONE	UMENS	% LUMINAIRE
0° - 20°	146	14%
0° - 30°	306	30%
0° - 40°	494	49%
0° - 60°	840	83%
0° - 80°	999	99%
0° - 90°	1008	100%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	10.9 fc	15.4 ft	15.5 ft
8.0 ft	6.1 fc	20.5 ft	20.6 ft
10.0 ft	3.9 fc	25.6 ft	25.8 ft
12.0 ft	2.7 fc	30.8 ft	31.0 ft
14.0 ft	2.0 fc	35.9 ft	36.1 ft
16.0 ft	1.5 fc	41.0 ft	41.3 ft
18.0 ft	1.2 fc	46.1 ft	46.4 ft
20.0 ft	1.0 fc	51.3 ft	51.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%	
	pc	80%				70%				50%				30%				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	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	74	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	64	58	82	71	64	57	69	62	57	67	61	56	65	59	55	53
5	78	65	57	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	45	39	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26