FEATURES

6" round baffle slim LED luminaire engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Baffle trim delivers glare-free comfortable illumination. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	700
CCT	27K, 30K, 40K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Round Baffle
TRIM COLORS	WH (White) , BK(Black)
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

- IC-rated and Air-Tight ready and may be in direct contact with insulation.
- Can be installed in shallow plenum spaces.
- May be installed in drywall or suspended ceilings.
- Flicker-free 120V forward-phase Triac dimming down to 5%.

| NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700	1027	12W

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.

elite
LED LIGHTING

w w w . i u s e e l i t e . com

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.
08122021

SLIM TRIM

ACCESSORIES

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

15-1/8"
13-1/8"
7-3/4"
3-7/8"
3-3/4"
4" Opening
5" Opening
6" Opening
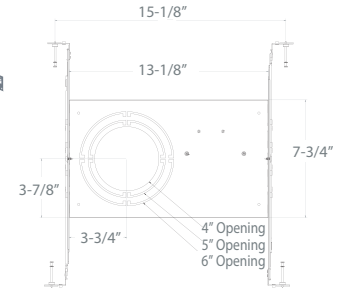
AL-ACC-SLIM-6-F-ROUGHPLATE
For use with: 6" downlights

13-3/4"
6-1/4"
6-7/8"

26"
13"
6-1/4"
4-3/16"
8-3/8"
6-11/16"
3/16"
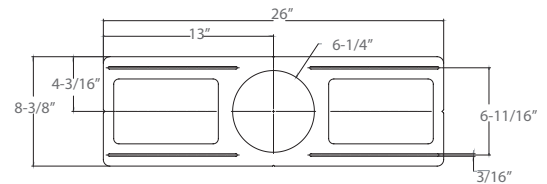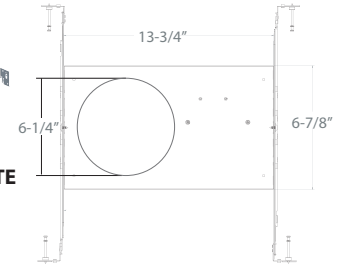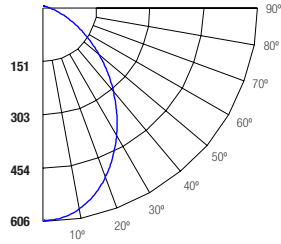
RL-ACC-SLIM-6-ROUGHPLATE
Rough-in plate for use with 6" downlights

EXAMPLE: **RL679-700L-DIMTR-120-30K-90-WH**

TYPE	LUMEN	CCT	CRI	FINISH
RL679	❏ 700L-DIMTR-120	❏ 27K ❏ 30K ❏ 40K	❏ 90+	❏ **WH**-White ❏ **BK**-Black

RL-ACC-SLIM-1-10F

OPTIONS
❏ **RL-ACC-SLIM-1-10F** - 10ft Long Extension
❏ **RL-ACC-SLIM-1-20F** - 20ft Long Extension
❏ **RL-UNV-4/5/6** - Universal Mounting Plate for 4",5" and 6"
❏ **RL-ACC-SLIM-6-ROUGHPLATE** - 6" Mounting Plate
❏ **AL-ACC-SLIM-6-F-ROUGHPLATE** - 6" Flanged Roughplate

RL679-700L-DIMTR-120-30K-90-WH

TEST NO.: **EL011920**

INPUT WATTS: **12.2679**	LUMENS: **1027**	CRI: **90**	EFFICACY: **84**	CCT: **3000K**	SPACING CRITERIA: **1.14**

Candle Power Distribution (Candelas)

151
303
454
606

90° 80° 70° 60° 50° 40° 30° 20° 10°

Cone of Light

2	151	3.3	3.3
4	37.8	6.6	6.7
6	16.8	10	10
8	9.45	13.3	13.3
10	6.05	16.6	16.6
12	4.2	19.9	20
(FT.)Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	210.74	20.50	20.50
0-30	422.77	41.20	41.20
0-40	644.24	62.70	62.70
0-60	960.15	93.50	93.50
0-80	1025.78	99.90	99.90
0-90	1025.81	99.90	99.90

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	16168	15971	16055
55	11470	11240	11337
65	6320	6064	6161
75	261	176	194
85	11	11	11

Lumens Per Zone

Zone	Lumens
0-10	56.55
10-20	154.19
20-30	212.03
30-40	221.47
40-50	188.78
50-60	127.13
60-70	58.43
70-80	7.21
80-90	0.02

Candela Tabulation

	Q
0	604.95
5	598.61
15	548.79
25	460.73
35	353.80
45	243.47
55	140.11
65	56.88
75	1.44
85	0.02
90	0.02

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC		80%				70%				50%			30%			10%			0%
RW	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	112	108	105	102		109	106	103	100	102	99	97	98	96	94	94	93	91	89
2	104	97	92	87		101	95	91	86	92	88	84	89	85	83	86	83	81	79
3	96	88	81	76		94	86	80	75	83	78	74	81	76	73	78	75	71	70
4	89	79	72	66		87	78	71	66	76	70	65	73	68	64	71	67	63	62
5	83	72	64	59		81	71	64	58	69	63	58	67	62	57	65	61	57	55
6	77	66	58	52		76	65	58	52	63	57	52	62	56	51	60	55	51	49
7	72	60	53	47		71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43		66	55	48	43	54	47	43	53	47	42	51	46	42	40
9	64	51	44	39		62	51	44	39	50	43	39	49	43	39	48	42	39	37
10	60	48	41	36		59	47	40	36	46	40	36	46	40	36	45	39	35	34

ROOM CAVITY RATIO

RC - Ceiling Cavity Reflectance   *RW - Wall Reflectance*

elite LED LIGHTING

w w w . i u s e e l i t e . c o m

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.