

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700	772	11W
550	521	9W

Based on 5000K, 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

4" square slim LED luminaire engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	550, 700
CCT	27K, 30K, 35K, 40K, 50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Square 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

- 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%.

SLIM TRIM



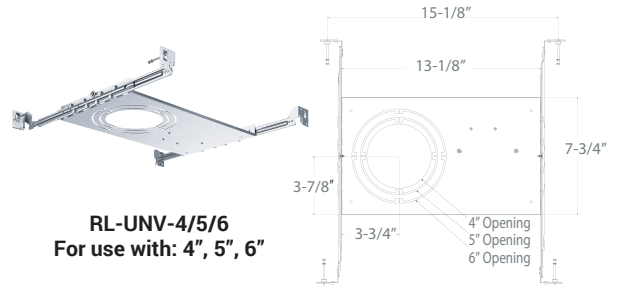
ACCESSORIES



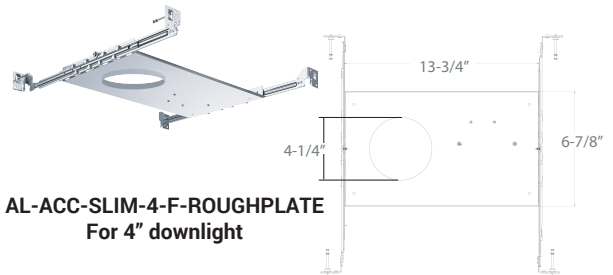
RL-ACC-SLIM-1-10F
10-ft long extension



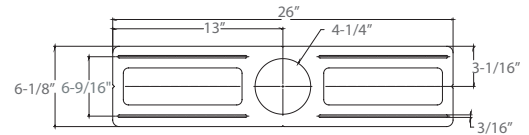
RL-ACC-SLIM-1-20F
20-ft long extension



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



AL-ACC-SLIM-4-F-ROUGHPLATE
For 4" downlight



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

EXAMPLE: **RL476-550L-DIMTR-120-30K-90-WH**

TYPE	LUMEN	CCT	CRI	FINISH
RL476	<input type="checkbox"/> 700L-DIMTR-120	<input type="checkbox"/> 27K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH-White
	<input type="checkbox"/> 550L-DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K		

RL-ACC-SLIM-1-10F

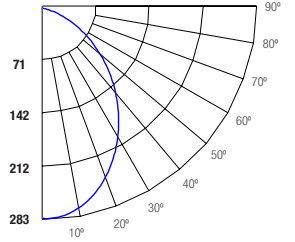
OPTIONS
<input type="checkbox"/> RL-ACC-SLIM-1-10F - 10ft Long Extension
<input type="checkbox"/> RL-ACC-SLIM-1-20F - 20ft Long Extension
<input type="checkbox"/> RL-UNV-4/5/6 - Universal Mounting Plate for 4", 5" and 6"
<input type="checkbox"/> RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate
<input type="checkbox"/>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

RL476-550L-DIMTR-120-30K-90-WH

TEST NO.: **EL08051925**

INPUT WATTS: **8.70165** LUMENS: **521** CRI: **90** EFFICACY: **60** CCT: **3000K** SPACING CRITERIA: **1.18**

Candle Power Distribution (Candelas)



Cone of Light			
2	70.7	3.6	3.6
4	17.7	7.2	7.2
6	7.85	10.8	10.8
8	4.42	14.4	14.4
10	2.83	18	18
12	1.96	21.6	21.6
(F.) Distance to Plane	(FC) Initial Footcandle at Nadir	(F.) Beam Vert. Spread	(F.) Beam Horiz. Spread

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	99.33	19.00	19.00
0-30	201.32	38.60	38.60
0-40	310.99	59.60	59.60
0-60	478.32	91.70	91.70
0-80	520.98	99.90	99.90
0-90	521.00	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	652	661	665
55	504	517	521
65	319	337	341
75	97	115	115
85	1	1	1

Lumens Per Zone

Zone	Lumens
0-10	26.50
10-20	72.83
20-30	101.99
30-40	109.67
40-50	97.32
50-60	70.01
60-70	35.48
70-80	7.17
80-90	0.03

Candela Tabulation

0	5	15	25	35	45	55	65	75	85	90
282.67	280.14	258.89	221.93	175.95	127.09	79.64	37.19	6.93	0.02	0.02

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

ROOM CAVITY RATIO	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%	50%	30%	10%	0%		
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100		
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89	89	89	89	89	89		
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78	78	78	78	78	78		
3	95	86	80	74	93	85	79	74	82	77	72	79	75	71	77	73	70	68	68	68	68	68	68		
4	88	78	70	65	86	77	70	64	74	68	63	72	67	63	70	65	62	60	60	60	60	60	60		
5	82	71	63	57	80	70	62	57	67	61	56	66	60	55	64	59	55	53	53	53	53	53	53		
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47	47	47	47	47	47		
7	71	59	51	45	69	58	51	45	57	50	45	55	49	45	54	49	44	43	43	43	43	43	43		
8	66	54	46	41	65	53	46	41	52	46	41	51	45	41	50	44	40	39	39	39	39	39	39		
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35	35	35	35	35	35		
10	59	46	39	34	57	46	39	34	45	39	34	44	38	34	43	38	34	32	32	32	32	32	32		

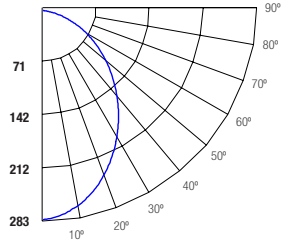
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

RL476-700L-DIMTR-120-30K-90-WH

TEST NO.: **EL011857**

INPUT WATTS: **11.4** LUMENS: **772** CRI: **90** EFFICACY: **68** CCT: **3000K** SPACING CRITERIA: **1.28**

Candle Power Distribution (Candelas)



Cone of Light			
2	80.3	4.6	4.6
4	20.1	9.2	9.4
6	8.92	13.9	14.1
8	5.02	18.5	18.8
10	3.21	23.1	23.5
12	2.23	27.7	28.2
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0-80	520.98	99.90	99.90
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Luminance (Average candela/M²)

Angle in Degrees	Average		
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55	504	517	521
65	319	337	341
75	97	115	115
85	1	1	1

Lumens Per Zone

Zone	Lumens
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60-70	35.48
70-80	7.17
80-90	0.03

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0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100		
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89	89	89	89	89	89		
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78	78	78	78	78	78		
3	95	86	80	74	93	85	79	74	82	77	72	79	75	71	77	73	70	68	68	68	68	68	68		
4	88	78	70	65	86	77	70	64	74	68	63	72	67	63	70	65	62	60	60	60	60	60	60		
5	82	71	63	57	80	70	62	57	67	61	56	66	60	55	64	59	55	53	53	53	53	53	53		
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47	47	47	47	47	47		
7	71	59	51	45	69	58	51	45	57	50	45	55	49	45	54	49	44	43	43	43	43	43	43		
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9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35	35	35	35	35	35		
10	59	46	39	34	57	46	39	34	45	39	34	44	38	34	43	38	34	32	32	32	32	32	32		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance