

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
550	698	9W
700	932	12W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

INSTALLATION

- Cut hole in ceiling and snap fixture in opening with attached spring clips. Space in ceiling needed for the driver to fit through the ceiling height – 3".

FEATURES

A high performance 4" LED luminaire, engineered for New Construction, Remodel or Retrofit to accommodate insulated or dropped ceiling installations. It is easily installed and is supplied with a remote driver. It's small aperture and shallow depth make it an ideal choice for unlimited applications.

LUMENS	550, 700
CCT	27K, 30K, 35K, 40K, 50K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipses
TRIM	Cast aluminum trim
REFLECTOR COLORS	WH (White)
FLANGE COLORS	WH (White)
DIMMING	DIMTR (Triac)
LIFETIME	50,000 Hours

- Cast aluminum trim
- Dimmable
- Type IC Rated – Approved for direct contact with insulation
- Air-tight and damp location approved
- Fast and easy to install in limited space locations
- External driver factory mounted inside connection box - 120V
- New construction rough-in plates and jumper cables available
- Available Temperatures (2700K, 3000K, 3500K, 4000K, 5000K)
- 50,000 Hours Life
- 5 Year Warranty
- OUTPUT: Default Driver Voltage: 120V AC 60 Hz (Dimmable)
- AMBIENT TEMPERATURE: -40°F (-40°C) to +104°F (+40°C)

EXAMPLE: **RL479-550L-DIMTR-120-30K-90-WH**

TYPE	LUMEN	CCT	CRI	FINISH	OPTIONS
RL479	<input type="checkbox"/> 550L-DIMTR-120 <input type="checkbox"/> 700L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH-White	<input type="checkbox"/> RL-ACC-SLIM-1-10F <input type="checkbox"/> RL-ACC-SLIM-1-20F <input type="checkbox"/> RL-UNV-4/5/6 <input type="checkbox"/> RL-ACC-SLIM-4-ROUGHPLATE

OPTIONS

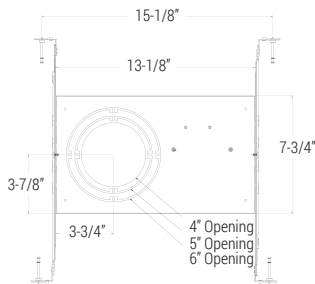
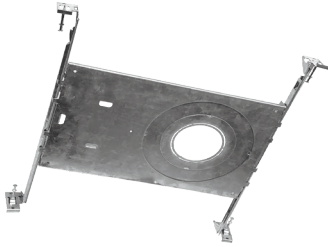


RL-ACC-SLIM-1-10F
10-ft long extension

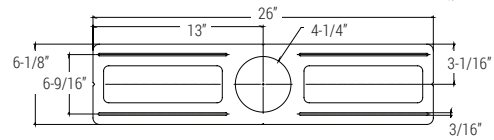
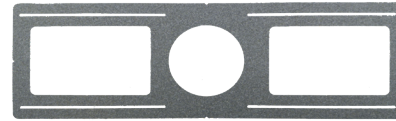


RL-ACC-SLIM-1-20F
20-ft long extension

MOUNTING



RL-UNV-4/5/6
Multi- size: 4", 5", 6"
new construction pre -mounting plate with collar for use with screw down "C" style remodel housings



RL-ACC-SLIM-4-ROUGHPLATE
The MP3 is a 4" new construction pre-mounting plate with collar for use with screw down "C" style remodel housings

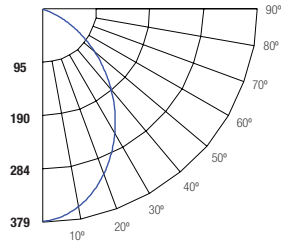
RL479-550L-DIMTR-120-30K-90-WH

TEST NO.: **EL011935**

INPUT WATTS: **9** LUMENS: **698** CRI: **90** EFFICACY: **77** CCT: **3000K**

SPACING CRITERIA: **1.18**

Candle Power Distribution (Candelas)



Cone of Light			
2	94.6	3.6	3.6
4	23.7	7.3	7.3
6	10.5	10.9	10.9
8	5.91	14.6	14.6
10	3.78	18.2	18.2
12	2.63	21.8	21.8

(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	133.20	19.10	19.10
0-30	270.82	38.80	38.80
0-40	419.62	60.10	60.10
0-60	644.57	92.40	92.40
0-80	696.94	99.90	99.90
0-90	696.96	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	27610	28902	31027
55	19644	20985	23392
65	10007	11173	13796
75	444	539	1231
85	28	28	28

Lumens Per Zone

Zone	Lumens
0-10	35.46
10-20	97.74
20-30	137.61
30-40	148.81
40-50	131.82
50-60	93.12
60-70	45.26
70-80	7.11
80-90	0.02

Candela Tabulation

0	
0	378.40
5	372.66
15	341.11
25	289.83
35	226.85
45	158.11
55	91.25
65	34.25
75	0.93
85	0.02
90	0.03

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%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100		
1	111	108	104	104	101	109	105	102	100	101	99	97	97	96	94	94	92	91	89	89	89	89		
2	103	97	91	86	86	101	95	90	85	91	87	84	88	85	82	85	82	80	78	78	78	78		
3	95	87	80	75	93	85	79	74	82	77	73	73	80	75	71	77	74	70	68	68	68	68		
4	88	78	71	65	86	77	70	65	75	69	64	72	67	63	70	66	62	60	60	60	60	60		
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53	53	53	53	53		
6	76	65	57	51	75	64	56	51	62	55	50	60	54	50	59	54	50	48	48	48	48	48		
7	71	59	51	46	70	58	51	46	57	50	45	55	49	45	54	49	45	43	43	43	43	43		
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	39	39	39	39		
9	62	50	43	38	61	50	42	38	49	42	37	48	42	37	47	41	37	35	35	35	35	35		
10	59	47	39	34	58	46	39	34	45	39	34	44	38	34	43	38	34	32	32	32	32	32		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

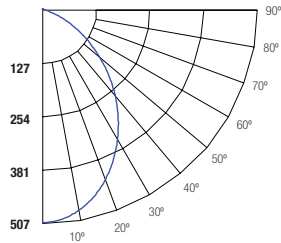
RL479-700L-DIMTR-120-30K-90-WH

TEST NO.: **EL011933**

INPUT WATTS: **11.9** LUMENS: **932** CRI: **90** EFFICACY: **78** CCT: **3000K**

SPACING CRITERIA: **1.18**

Candle Power Distribution (Candelas)



Cone of Light			
2	127	3.6	3.6
4	31.7	7.3	7.3
6	14.1	10.9	10.9
8	7.93	14.5	14.5
10	5.07	18.2	18.2
12	3.52	21.8	21.8

(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	178.46	19.10	19.10
0-30	362.62	38.90	38.90
0-40	561.51	60.20	60.20
0-60	861.41	92.40	92.40
0-80	931.14	99.90	99.90
0-90	931.16	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	26928	27190	27893
55	19845	20243	20983
65	11084	11643	12704
75	661	889	2050
85	20	20	20

Lumens Per Zone

Zone	Lumens
0-10	47.51
10-20	130.95
20-30	184.16
30-40	198.89
40-50	175.81
50-60	124.09
60-70	60.74
70-80	8.99
80-90	0.02

Candela Tabulation

0	
0	507.27
5	501.22
15	462.89
25	396.67
35	313.45
45	222.50
55	133.01
65	54.74
75	2.00
85	0.02
90	0.03

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%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100		
1	111	108	104	101	109	105	102	100	100	101	99	97	97	96	94	94	92	91	89	89	89	89		
2	103	97	91	87	101	95	90	86	91	87	84	88	85	82	85	82	80	78	78	78	78	78		
3	96	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68	68	68	68	68		
4	88	78	71	65	86	77	70	65	75	69	64	72	67	63	70	66	62	60	60	60	60	60		
5	82	71	63	57	80	70	63	57	68	61	56	66	60	56	64	59	55	53	53	53	53	53		
6	76	65	57	51	75	64	56	51	62	55	50	60	54	50	59	54	50	48	48	48	48	48		
7	71	59	51	46	70	58	51	46	57	50	45	56	50	45	54	49	45	43	43	43	43	43		
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	39	39	39	39		
9	62	50	43	38	61	50	43	38	49	42	37	48	42	37	47	41	37	35	35	35	35	35		
10	59	47	39	35	58	46	39	34	45	39	34	44	38	34	43	38	34	32	32	32	32	32		

RC - Ceiling Cavity Reflectance RW - Wall Reflectance