

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1500	1596	21W

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

### FEATURES

11" round LED "Slim Disk" engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Widest aperture from LED Slim Disk family. 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	1500
CCT	30K, 35K, 40K
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
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%.
- Ideal when ceiling or top access is unavailable.

### 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.

**SLIM TRIM**



EXAMPLE: **RL1175-1500L-DIMTR-120-30K-90-WH**

TYPE	LUMEN	CCT	CRI	FINISH
RL1175	<input type="checkbox"/> 1500L-DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH-White

**ACCESSORIES**



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



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

**RL-ACC-SLIM-1-10F**

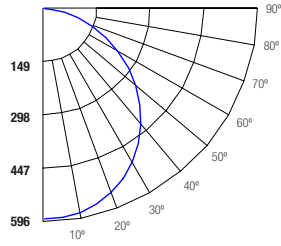
OPTIONS
<input type="checkbox"/> RL-ACC-SLIM-1-10F - 10ft Long Extension
<input type="checkbox"/> RL-ACC-SLIM-1-20F - 20ft Long Extension

**RL1175-LED-1500L-DIMTR-30K-90-WH**

TEST NO.: **EL071891**

INPUT WATTS: **21.2** LUMENS: **1596** CRI: **90** EFFICACY: **75** CCT: **3000K** SPACING CRITERIA: **1.34**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	216.71	13.60	13.60
0-30	457.76	28.70	28.70
0-40	743.17	46.60	46.60
0-60	1282.02	80.40	80.30
0-80	1564.73	98.20	98.10
0-90	1595.81	100.10	100.00

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	11966	11381	11017
55	11207	10496	10140
65	10087	9365	8757
75	8388	7515	7691
85	5616	7521	7861

**Lumens Per Zone**

Zone	Lumens
0-10	56.27
10-20	160.44
20-30	241.05
30-40	285.40
40-50	287.71
50-60	251.13
60-70	181.93
70-80	100.79
80-90	31.07

**Candela Tabulation**

θ	Candela
0	595.61
5	594.11
15	573.42
25	531.02
35	466.75
45	385.66
55	293.00
65	194.31
75	98.96
85	22.31
90	0.63

**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	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	84		
2	99	91	84	79	97	89	83	78	86	81	76	82	78	74	79	76	73	70	70		
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	60	60		
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51	51		
5	77	64	55	48	74	63	54	48	61	53	47	59	52	47	57	51	46	44	44		
6	71	57	49	42	69	57	48	42	55	47	42	53	46	41	51	46	41	39	39		
7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34	34		
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31	31		
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28	28		
10	54	40	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25	25		

**Cone of Light**

(F) Distance to Plane	(FC) Initial Footcandle at Nadir	(FT) Beam Vert. Spread	(FT) Beam Horiz. Spread
2	149	5.4	5.4
4	37.2	10.8	10.8
6	16.5	16.1	16.1
8	9.31	21.5	21.5
10	5.96	26.9	26.9
12	4.14	32.3	32.3

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

RC - Ceiling Cavity Reflectance RW - Wall Reflectance