

LUMINAIRE: RLB4-40LHHE-FAM-EDU(1)
 Reverie Led Low Bay, Surface Linear
 8" x 96" Led with frosted acrylic medium distribution lens
 Data Scaled from Test# 21962, Data Scaled from Test# 19.00217
BALLAST: (2) XI075C200V054BST1
BALLAST FACTOR: 1.00
LAMP: led
FIXTURE LUMENS: 16149
WATTS: 119.60
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.28
LUMINOUS OPENING IN FEET
 LENGTH: 8.00
 WIDTH: 0.67
 HEIGHT: 0.25

TEST #22043
 DATE: 2/6/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 135

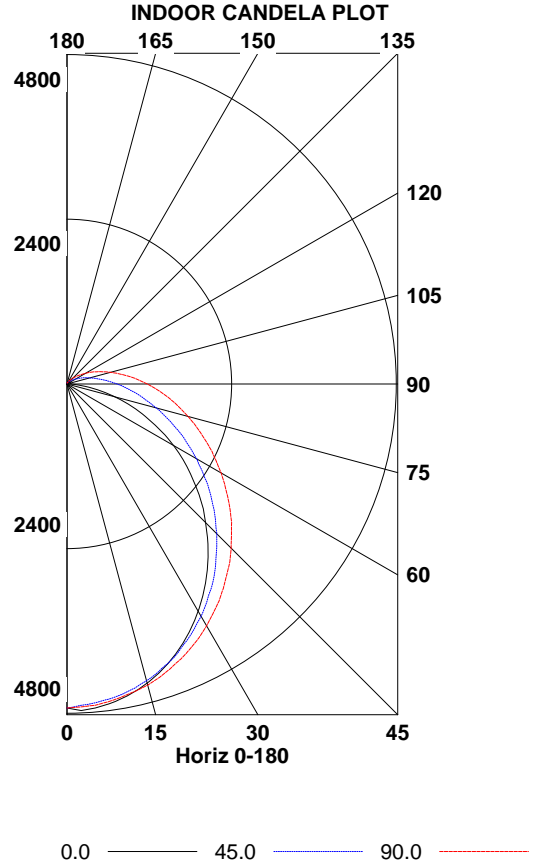
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.78
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3630	22.5	22.5
0-40	5928	36.7	36.7
0-60	10553	65.3	65.3
0-90	14749	91.3	91.3
90-120	1183	7.3	7.3
90-130	1296	8.0	8.0
90-150	1379	8.5	8.5
90-180	1400	8.7	8.7
0-180	16149	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	9479	9479	9479	9479	9479
30	8694	8049	7778	7743	7761
40	8185	7385	7131	7185	7233
45	7865	7012	6822	6906	6995
50	7572	6647	6492	6636	6769
55	7216	6245	6168	6390	6523
60	6813	5823	5866	6147	6333
65	6328	5394	5564	5923	6156
70	5786	4919	5274	5765	5996
75	5017	4446	5063	5635	5925
80	3969	4026	4923	5601	5931
85	2733	3718	4907	5682	6035



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	RW	80%				70%				50%				30%				10%	0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
R	0	117	117	117	117	113	113	113	113	106	106	106	100	100	100	94	94	94	91
R	1	105	99	94	90	101	96	92	87	90	86	83	85	82	79	80	77	75	72
R	2	95	86	78	72	91	83	76	70	78	72	67	73	69	64	69	65	62	59
R	3	86	75	66	59	83	72	64	58	68	61	56	64	58	54	61	56	52	49
R	4	79	66	57	50	75	64	55	49	60	53	47	57	51	46	54	48	44	42
C	5	72	59	49	43	69	57	48	42	54	46	41	51	45	39	48	43	38	36
R	6	67	53	44	37	64	51	43	36	49	41	35	46	40	34	44	38	33	31
R	7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	40	34	30	27
R	8	57	44	35	29	55	42	34	29	40	33	28	39	32	27	37	31	27	24
R	9	54	40	32	26	52	39	31	26	37	30	25	35	29	24	34	28	24	22
R	10	50	37	29	23	48	36	28	23	34	27	23	33	27	22	31	26	22	20

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	4720	4720	4720	4720	4720
2.5	4763*	4708	4685	4714	4710
5.0	4738	4687	4664	4695	4699
7.5	4701	4652	4633	4666	4668
10.0	4650	4604	4592	4627	4627
12.5	4586	4545	4541	4584	4588
15.0	4512	4472	4477	4530	4543
17.5	4425	4390	4404	4470	4483
20.0	4322	4293	4324	4398	4411
22.5	4213	4188	4231	4312	4338
25.0	4093	4077	4128	4225	4252
27.5	3961	3951	4019	4132	4167
30.0	3817	3815	3908	4027	4068
32.5	3679	3679	3782	3922	3963
35.0	3522	3532	3654	3804	3862
37.5	3359	3376	3522	3685	3747
40.0	3204	3223	3373	3561	3623
42.5	3031	3060	3229	3433	3512
45.0	2856	2893	3089	3299	3382
47.5	2693	2732	2934	3167	3252
50.0	2514	2563	2786	3027	3130
52.5	2324	2392	2637	2891	2994
55.0	2153	2221	2481	2755	2856
57.5	1975	2048	2328	2613	2726
60.0	1788	1881	2184	2476	2596
62.5	1608	1716	2029	2342	2458
65.0	1421	1553	1889	2200	2332
67.5	1237	1392	1747	2068	2198
70.0	1070	1233	1604	1944	2068
72.5	889	1083	1474	1815	1947
75.0	722	940	1349	1693	1827
77.5	561	808	1225	1577	1705
80.0	404	687	1116	1464	1598
82.5	270	575	1008	1355	1485
85.0	161	478	909	1252	1379
87.5	80	394	819	1151	1272
90.0	56	324	732	1054	1173
92.5	56	266	650	961	1070
95.0	56	217	579	872	982
97.5	54	177	509	790	893
100.0	54	151	447	713	810
102.5	54	128	396	641	730
105.0	52	107	346	573	658
107.5	52	93	301	511	590
110.0	52	82	264	454	524
112.5	52	74	229	400	466
115.0	52	66	196	351	412
117.5	49	62	169	305	361
120.0	49	56	146	266	313
122.5	47	54	126	229	270
125.0	47	49	107	196	233
127.5	45	47	95	167	198
130.0	45	45	80	142	169
132.5	43	43	70	120	140
135.0	43	41	62	101	118
137.5	41	39	56	85	97
140.0	39	37	49	70	80
142.5	37	37	43	58	66
145.0	37	35	39	49	54
147.5	35	33	35	41	45
150.0	33	31	31	35	37
152.5	33	31	29	31	31
155.0	31	29	27	27	27
157.5	29	27	25	25	23
160.0	29	27	23	21	21
162.5	27	25	23	21	21
165.0	25	23	21	19	19
167.5	23	23	19	17	19
170.0	21	21	19	17	17
172.5	21	19	19	17	17
175.0	19	19	17	14	14
177.5	17	17	17	14	14
180.0	14	14	14	14	14

*MAXIMUM CANDELA VALUE