

LUMINAIRE: RLB4-40LMHE-FAN-EDU(1)
 Reverie Led Low Bay, Surface Linear
 8" x 96" Led with frosted acrylic narrow distribution lens
 Data Scaled from Test# 21956, Data Scaled from Test# 19.00116
BALLAST: (2) XI054C150V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 12440
WATTS: 90.40
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.24 90° = 0.65
LUMINOUS OPENING IN FEET
 LENGTH: 8.00
 WIDTH: 0.67
 HEIGHT: 0.25

TEST #22017
 DATE: 1/29/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 138

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.74
BASED ON 3000 HRS. AND \$.08 PER KWH

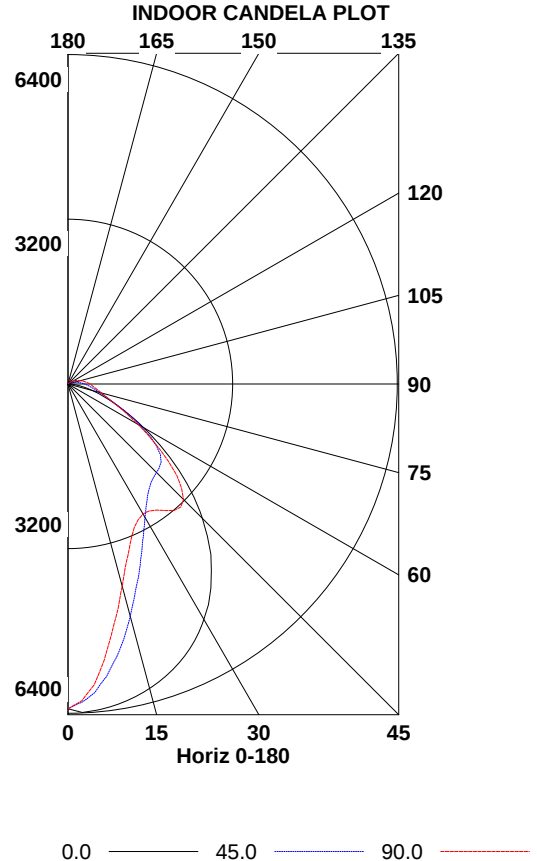
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	3703	29.8	29.8
0-40	5712	45.9	45.9
0-60	9683	77.8	77.8
0-90	11871	95.4	95.4
90-120	488	3.9	3.9
90-130	531	4.3	4.3
90-150	561	4.5	4.5
90-180	569	4.6	4.6
0-180	12440	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0	22.5	45.0	67.5	90.0
0	12672	12672	12672	12672	12672
30	12024	8135	5955	5540	5563
40	11025	6425	5300	5986	6401
45	10170	5708	5373	6328	6567
50	9075	5122	5506	5976	5966
55	7836	4634	5223	5031	4874
60	6473	4167	4408	3947	3833
65	5224	3654	3482	3075	3009
70	4202	3076	2772	2506	2450
75	3412	2525	2376	2223	2179
80	2731	2162	2219	2131	2082
85	2173	1960	2170	2142	2123

CANDELA/SQ M



COEFFICIENTS OF UTILIZATION (%)

RC		EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																ZONAL CAVITY METHOD			
		80%				70%				50%				30%				10%			
RW		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	98	98	98	95
1	108	103	99	95	105	100	97	93	95	92	89	91	88	86	86	84	82	80	80	80	80
2	99	91	84	78	95	88	82	77	84	79	75	80	76	72	76	73	70	68	68	68	68
3	90	80	72	66	87	78	71	65	75	68	63	71	66	62	68	64	60	58	58	58	58
4	83	71	63	57	80	70	62	56	67	60	55	64	58	53	61	56	52	50	50	50	50
5	77	64	56	49	74	63	55	49	60	53	48	58	52	47	56	50	46	44	44	44	44
6	71	58	49	43	69	57	49	43	55	48	42	53	46	41	51	45	41	39	39	39	39
7	66	53	44	38	64	52	44	38	50	43	38	48	42	37	46	41	36	34	34	34	34
8	62	48	40	35	60	48	40	34	46	39	34	44	38	33	43	37	33	31	31	31	31
9	58	45	37	31	56	44	36	31	42	36	31	41	35	30	40	34	30	28	28	28	28
10	54	41	34	29	53	41	33	28	39	33	28	38	32	28	37	31	27	26	26	26	26

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: _____

LUMINAIRE: RLB4-40LMHE-FAN-EDU(1)

Reverie Led Low Bay, Surface Linear

8" x 96" Led with frosted acrylic narrow distribution lens

Data Scaled from Test# 21956, Data Scaled from Test# 19.00116

TEST #22017

DATE: 1/29/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	6310	6310	6310	6310	6310
2.5	6388*	6266	6188	6176	6161
5.0	6363	6194	6013	5893	5864
7.5	6324	6075	5732	5481	5405
10.0	6271	5914	5398	5044	4908
12.5	6203	5728	5050	4609	4481
15.0	6124	5506	4670	4196	4066
17.5	6031	5256	4312	3852	3714
20.0	5916	4994	3996	3557	3452
22.5	5786	4714	3687	3303	3225
25.0	5644	4417	3421	3116	3062
27.5	5473	4134	3192	2975	2963
30.0	5279	3856	2992	2881	2916
32.5	5081	3578	2823	2839	2926
35.0	4840	3305	2687	2841	2990
37.5	4576	3046	2582	2893	3099
40.0	4316	2804	2507	2967	3206
42.5	4009	2578	2460	3029	3244
45.0	3693	2355	2433	3023	3175
47.5	3367	2157	2408	2918	2994
50.0	3013	1975	2363	2726	2759
52.5	2672	1800	2264	2460	2454
55.0	2338	1648	2101	2169	2134
57.5	2000	1497	1889	1876	1841
60.0	1699	1346	1641	1590	1571
62.5	1425	1200	1398	1346	1328
65.0	1173	1052	1182	1142	1140
67.5	965	901	994	971	973
70.0	777	771	843	845	845
72.5	625	647	728	749	749
75.0	491	534	633	668	672
77.5	375	447	561	608	608
80.0	278	369	503	557	561
82.5	196	301	447	509	520
85.0	128	252	402	472	485
87.5	72	206	361	437	456
90.0	33	167	322	404	427
92.5	31	136	285	373	396
95.0	31	111	252	340	367
97.5	31	91	221	309	336
100.0	31	76	194	278	307
102.5	29	64	171	252	280
105.0	31	54	151	227	254
107.5	31	47	132	204	229
110.0	31	39	113	181	206
112.5	29	35	97	159	181
115.0	29	31	82	138	159
117.5	29	29	70	120	138
120.0	29	27	58	99	115
122.5	29	27	47	85	99
125.0	27	25	37	70	80
127.5	27	25	31	56	64
130.0	27	23	27	43	52
132.5	25	23	23	35	39
135.0	25	23	21	27	29
137.5	25	23	19	21	23
140.0	23	21	17	17	17
142.5	23	21	17	14	12
145.0	21	21	17	12	10
147.5	21	19	14	10	8
150.0	19	17	12	10	8
152.5	19	17	12	10	8
155.0	17	14	12	8	8
157.5	14	14	12	8	8
160.0	12	12	10	8	8
162.5	12	10	10	8	8
165.0	10	10	10	8	8
167.5	10	10	8	8	8
170.0	8	8	8	8	8
172.5	8	8	8	6	6
175.0	8	8	8	6	6
177.5	6	6	6	6	6
180.0	6	6	6	6	6

*MAXIMUM CANDELA VALUE