

LUMINAIRE: RLB4-35LXHE-FAM-EDU(1)
 Reverie Led Low Bay, Surface Linear
 8" x 48" Led with frosted acrylic medium distribution lens
 Data Scaled from Test# 21986, Data Scaled from Test# 19.00242
BALLAST: (2) XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 23716
WATTS: 187.80
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.27
LUMINOUS OPENING IN FEET
 LENGTH: 8.00
 WIDTH: 0.67
 HEIGHT: 0.25

TEST #22079

DATE: 2/14/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 126

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.90

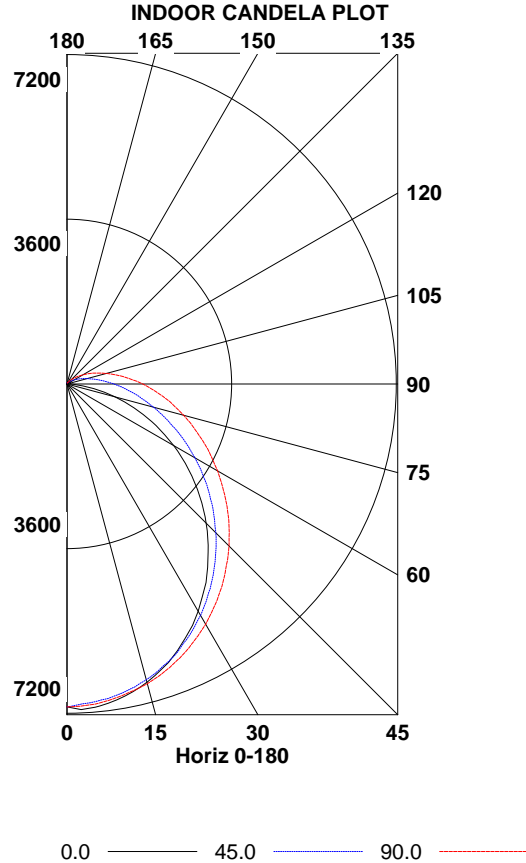
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	5425	22.9	22.9
0-40	8855	37.3	37.3
0-60	15732	66.3	66.3
0-90	21842	92.1	92.1
90-120	1601	6.8	6.8
90-130	1742	7.3	7.3
90-150	1844	7.8	7.8
90-180	1874	7.9	7.9
0-180	23716	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	14168	14168	14168	14168	14168
30	13058	12036	11621	11541	11564
40	12259	11052	10649	10673	10739
45	11848	10493	10161	10224	10360
50	11401	9939	9672	9815	9978
55	10829	9355	9166	9413	9602
60	10257	8687	8673	9002	9278
65	9575	8006	8197	8661	8985
70	8608	7293	7734	8368	8707
75	7512	6498	7353	8131	8558
80	6042	5801	7093	8030	8525
85	3837	5305	7002	8097	8573



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																			
	RW	80%				70%				50%				30%				10%	0%	
		70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	117	117	117	117	114	114	114	114	107	107	107	100	100	100	95	95	95	95	95	92
1	105	100	95	90	101	96	92	88	91	87	84	85	82	80	80	78	76	76	76	73
2	95	86	78	72	91	83	76	71	78	73	68	74	69	65	70	66	62	62	60	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	56	52	52	50	50
R 4	79	66	57	50	76	64	56	49	61	53	48	57	51	46	54	49	45	45	42	42
C 5	72	59	50	43	70	57	49	42	54	47	41	52	45	40	49	43	39	39	36	36
R 6	67	53	44	37	64	52	43	37	49	41	36	47	40	35	44	38	34	34	32	32
7	62	48	39	33	60	47	38	32	45	37	32	42	36	31	40	35	30	30	28	28
8	58	44	35	29	56	43	35	29	41	33	28	39	32	28	37	31	27	27	25	25
9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	29	24	24	22	22
10	50	37	29	24	49	36	29	23	35	28	23	33	27	23	32	26	22	22	20	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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Reverie Led Low Bay, Surface Linear

8" x 48" Led with frosted acrylic medium distribution lens

Data Scaled from Test# 21986, Data Scaled from Test# 19.00242

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	7055	7055	7055	7055	7055
2.5	7122*	7034	7004	7049	7045
5.0	7089	7002	6973	7018	7024
7.5	7032	6949	6929	6975	6977
10.0	6953	6878	6865	6918	6916
12.5	6863	6790	6788	6849	6853
15.0	6747	6684	6694	6770	6782
17.5	6615	6560	6584	6676	6690
20.0	6477	6420	6464	6566	6586
22.5	6308	6259	6330	6436	6472
25.0	6124	6094	6171	6303	6342
27.5	5945	5908	6008	6159	6206
30.0	5733	5705	5839	6002	6061
32.5	5507	5505	5650	5839	5898
35.0	5296	5283	5459	5664	5735
37.5	5051	5055	5253	5477	5566
40.0	4799	4823	5037	5290	5379
42.5	4565	4577	4823	5092	5196
45.0	4302	4329	4601	4884	5009
47.5	4033	4092	4375	4687	4809
50.0	3785	3832	4151	4477	4614
52.5	3510	3575	3917	4261	4412
55.0	3231	3327	3687	4058	4204
57.5	2975	3062	3461	3844	4003
60.0	2692	2806	3229	3626	3803
62.5	2407	2563	3003	3427	3594
65.0	2150	2305	2783	3217	3404
67.5	1871	2056	2563	3009	3201
70.0	1592	1828	2352	2822	3003
72.5	1346	1592	2150	2628	2826
75.0	1081	1374	1959	2443	2639
77.5	831	1181	1777	2272	2457
80.0	615	990	1608	2099	2297
82.5	401	823	1448	1930	2124
85.0	226	682	1297	1784	1959
87.5	118	554	1156	1627	1804
90.0	75	446	1028	1480	1657
92.5	75	356	906	1344	1509
95.0	77	289	794	1216	1366
97.5	75	232	694	1087	1244
100.0	75	191	605	977	1116
102.5	77	161	525	869	996
105.0	77	136	456	770	898
107.5	77	118	391	684	792
110.0	77	104	336	599	698
112.5	77	96	289	521	619
115.0	77	88	246	454	538
117.5	77	79	208	391	462
120.0	77	75	179	334	401
122.5	75	71	151	283	340
125.0	73	67	128	240	285
127.5	71	65	114	200	240
130.0	69	63	96	165	198
132.5	69	59	83	138	161
135.0	67	57	73	116	134
137.5	65	55	65	94	110
140.0	61	57	59	77	86
142.5	59	57	53	63	69
145.0	57	55	47	53	55
147.5	53	53	43	45	45
150.0	51	51	39	39	37
152.5	49	49	37	35	33
155.0	47	47	37	31	29
157.5	45	45	41	29	24
160.0	43	41	39	26	24
162.5	41	39	37	33	26
165.0	37	37	35	31	26
167.5	35	35	33	29	26
170.0	33	33	31	26	26
172.5	31	31	29	24	24
175.0	26	26	26	22	22
177.5	26	26	24	22	20
180.0	22	22	22	22	22

*MAXIMUM CANDELA VALUE