

LUMINAIRE: RLB4-40LM-FAM-EDU(1)
 Reverie Led Low Bay, Surface Linear
 8" x 96" Led with frosted acrylic medium distribution lens
 Data Scaled from Test# 21953, Data Scaled from Test# 18.01764
BALLAST: (2) XI054C150V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 11729
WATTS: 102.00
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.28
LUMINOUS OPENING IN FEET
 LENGTH: 8.00
 WIDTH: 0.67
 HEIGHT: 0.25

TEST #22021
 DATE: 12/6/2018
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 115
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.09
BASED ON 3000 HRS. AND \$.08 PER KWH

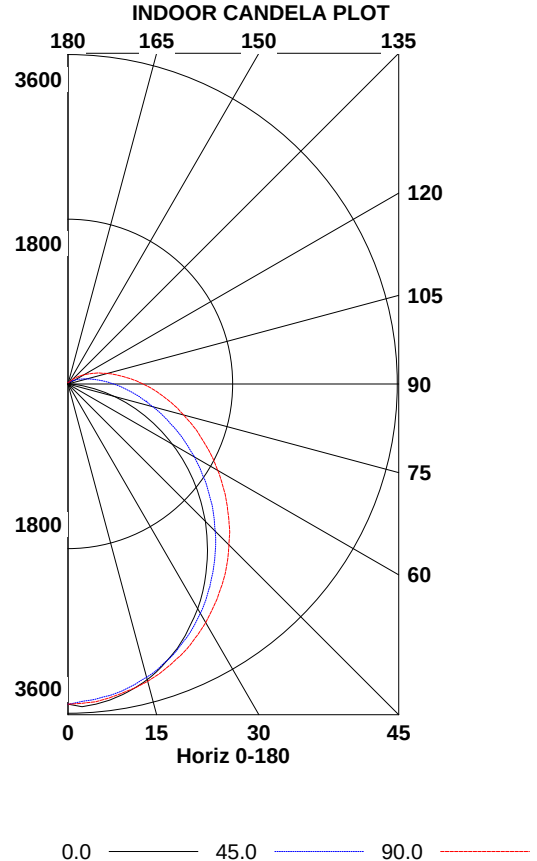
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2690	22.9	22.9
0-40	4390	37.4	37.4
0-60	7798	66.5	66.5
0-90	10813	92.2	92.2
90-120	777	6.6	6.6
90-130	844	7.2	7.2
90-150	896	7.6	7.6
90-180	916	7.8	7.8
0-180	11729	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0	22.5	45.0	67.5	90.0
0	7027	7027	7027	7027	7027
30	6462	5964	5758	5734	5745
40	6057	5467	5275	5308	5348
45	5849	5187	5027	5089	5144
50	5590	4910	4786	4887	4959
55	5336	4614	4537	4693	4785
60	5022	4291	4287	4484	4609
65	4645	3932	4044	4319	4464
70	4212	3571	3811	4169	4346
75	3586	3178	3615	4044	4245
80	2800	2813	3485	3998	4223
85	1715	2536	3428	4026	4276

CANDELA/SQ M



COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 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%			
R C R	0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	92		
	1	105	100	95	90	101	96	92	88	91	87	84	85	82	80	81	78	76	73		
	2	95	86	78	72	92	83	77	71	78	73	68	74	69	65	70	66	63	60		
	3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	57	52	50		
	4	79	66	57	50	76	64	56	49	61	54	48	58	51	46	54	49	45	42		
	5	72	59	50	43	70	57	49	42	54	47	41	52	45	40	49	43	39	36		
	6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	44	39	34	32		
	7	62	48	39	33	60	47	38	32	45	37	32	42	36	31	41	35	30	28		
	8	58	44	35	29	56	43	35	29	41	33	28	39	32	28	37	31	27	25		
	9	54	40	32	26	52	39	31	26	38	30	25	36	29	25	34	29	24	22		
10	50	37	29	24	49	36	29	23	35	28	23	33	27	23	32	26	22	20			

ZONAL CAVITY METHOD

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 96" Led with frosted acrylic medium distribution lens

Data Scaled from Test# 21953, Data Scaled from Test# 18.01764

TEST #22021

DATE: 12/6/2018

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	3499	3499	3499	3499	3499
2.5	3530*	3489	3472	3495	3493
5.0	3512	3472	3458	3481	3485
7.5	3485	3448	3435	3460	3460
10.0	3446	3411	3406	3433	3429
12.5	3398	3365	3365	3398	3400
15.0	3345	3314	3318	3359	3363
17.5	3279	3252	3266	3316	3320
20.0	3200	3180	3204	3260	3268
22.5	3124	3105	3136	3196	3213
25.0	3033	3021	3062	3132	3151
27.5	2932	2926	2980	3060	3081
30.0	2837	2827	2893	2982	3011
32.5	2726	2726	2802	2901	2930
35.0	2606	2613	2703	2817	2850
37.5	2497	2499	2598	2722	2765
40.0	2371	2386	2495	2631	2679
42.5	2246	2264	2390	2534	2586
45.0	2124	2140	2276	2431	2487
47.5	1990	2021	2165	2330	2398
50.0	1856	1893	2054	2229	2293
52.5	1726	1767	1938	2122	2192
55.0	1592	1641	1825	2023	2095
57.5	1452	1509	1709	1916	1992
60.0	1318	1386	1596	1806	1889
62.5	1184	1262	1481	1709	1794
65.0	1043	1132	1373	1604	1691
67.5	905	1012	1264	1499	1590
70.0	779	895	1159	1406	1499
72.5	645	777	1060	1309	1402
75.0	516	672	963	1215	1309
77.5	402	573	872	1130	1227
80.0	285	480	790	1045	1138
82.5	181	400	709	963	1054
85.0	101	326	635	887	977
87.5	43	262	565	810	897
90.0	25	208	501	736	821
92.5	25	167	441	670	751
95.0	25	132	386	604	683
97.5	25	103	334	540	614
100.0	27	85	293	485	553
102.5	27	68	252	433	499
105.0	27	58	219	384	443
107.5	27	49	188	336	392
110.0	29	43	161	299	351
112.5	29	39	136	258	305
115.0	29	35	115	225	266
117.5	29	31	97	194	231
120.0	29	31	82	165	200
122.5	29	29	70	140	171
125.0	29	29	60	120	146
127.5	29	29	49	99	122
130.0	27	27	43	82	101
132.5	27	27	37	68	85
135.0	29	29	35	58	70
137.5	29	27	31	47	58
140.0	29	29	31	41	47
142.5	29	27	27	35	39
145.0	29	27	27	31	35
147.5	29	27	27	27	29
150.0	29	27	27	25	25
152.5	27	27	25	23	23
155.0	27	27	25	23	21
157.5	27	25	25	21	19
160.0	27	27	25	21	19
162.5	25	25	23	21	17
165.0	25	25	23	21	17
167.5	25	25	23	21	17
170.0	25	23	23	21	17
172.5	23	23	23	21	14
175.0	23	23	21	21	14
177.5	23	23	23	21	14
180.0	21	21	21	21	21

*MAXIMUM CANDELA VALUE