

LUMINAIRE: RLB4-30LXHE-FAM-EDU(1)
 Revere Led Low Bay, Surface Linear
 8" x 48" Led with frosted acrylic medium distribution lens
 Data Scaled from Test# 19.00242
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 12406
WATTS: 93.90
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.27
LUMINOUS OPENING IN FEET
 LENGTH: 4.00
 WIDTH: 0.67
 HEIGHT: 0.25

TEST #21988
 DATE: 2/14/2019
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 132
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.82
BASED ON 3000 HRS. AND \$.08 PER KWH

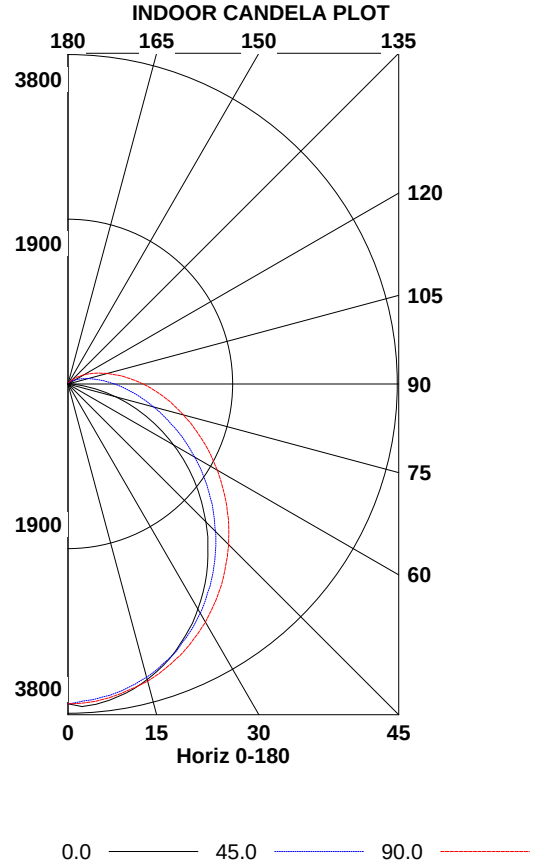
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2838	22.9	22.9
0-40	4632	37.3	37.3
0-60	8230	66.3	66.3
0-90	11426	92.1	92.1
90-120	837	6.7	6.7
90-130	911	7.3	7.3
90-150	965	7.8	7.8
90-180	980	7.9	7.9
0-180	12406	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0	22.5	45.0	67.5	90.0
0	14820	14820	14820	14820	14820
30	13424	12403	12025	12007	12100
40	12504	11323	10978	11080	11236
45	12028	10712	10452	10604	10838
50	11514	10106	9927	10167	10436
55	10864	9472	9381	9739	10045
60	10205	8752	8847	9300	9705
65	9428	8015	8333	8933	9402
70	8349	7238	7823	8611	9110
75	7122	6382	7400	8348	8951
80	5499	5606	7081	8217	8914
85	3172	4997	6911	8247	8972

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	107	107	107	100	100	100	95	95	95	92			
	1	105	100	95	90	101	96	92	88	91	87	84	85	82	80	80	78	76	73		
	2	95	86	78	72	91	83	76	71	78	73	68	74	69	65	70	66	62	60		
	3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	56	52	50		
	4	79	66	57	50	76	64	56	49	61	53	48	57	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	41	36	47	40	35	44	38	34	32		
	7	62	48	39	33	60	47	38	32	45	37	32	42	36	31	40	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	37	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			

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
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TEST #21988
 DATE: 2/14/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	3690	3690	3690	3690	3690
2.5	3725*	3680	3664	3687	3685
5.0	3708	3663	3648	3671	3674
7.5	3679	3635	3624	3649	3650
10.0	3637	3598	3591	3619	3618
12.5	3590	3552	3551	3583	3585
15.0	3529	3496	3502	3541	3548
17.5	3460	3431	3444	3492	3500
20.0	3388	3358	3381	3435	3445
22.5	3299	3274	3311	3366	3386
25.0	3204	3188	3228	3297	3317
27.5	3110	3091	3143	3222	3246
30.0	2999	2984	3054	3140	3171
32.5	2881	2880	2955	3054	3085
35.0	2770	2764	2855	2963	3000
37.5	2642	2644	2748	2865	2912
40.0	2510	2523	2635	2767	2814
42.5	2388	2394	2523	2664	2718
45.0	2250	2264	2407	2555	2620
47.5	2110	2141	2289	2452	2516
50.0	1980	2004	2172	2342	2413
52.5	1836	1870	2049	2229	2308
55.0	1690	1740	1929	2123	2199
57.5	1556	1602	1811	2011	2094
60.0	1408	1468	1689	1897	1989
62.5	1259	1341	1571	1792	1880
65.0	1125	1206	1456	1683	1781
67.5	979	1076	1341	1574	1674
70.0	833	956	1230	1476	1571
72.5	704	833	1125	1375	1478
75.0	566	719	1025	1278	1380
77.5	435	618	930	1189	1285
80.0	322	518	841	1098	1201
82.5	210	430	757	1010	1111
85.0	118	357	678	933	1025
87.5	62	290	605	851	944
90.0	39	233	538	774	867
92.5	39	186	474	703	789
95.0	40	151	415	636	715
97.5	39	121	363	569	651
100.0	39	100	316	511	584
102.5	40	84	275	455	521
105.0	40	71	239	403	470
107.5	40	62	204	358	414
110.0	40	54	176	313	365
112.5	40	50	151	273	324
115.0	40	46	129	237	281
117.5	40	42	109	204	242
120.0	40	39	94	175	210
122.5	39	37	79	148	178
125.0	38	35	67	126	149
127.5	37	34	60	104	126
130.0	36	33	50	86	103
132.5	36	31	44	72	84
135.0	35	30	38	61	70
137.5	34	29	34	49	58
140.0	32	30	31	40	45
142.5	31	30	28	33	36
145.0	30	29	24	28	29
147.5	28	28	22	23	23
150.0	27	27	20	20	19
152.5	26	26	19	18	17
155.0	24	24	19	16	15
157.5	23	23	21	15	13
160.0	22	21	20	14	13
162.5	21	20	19	17	14
165.0	19	19	18	16	14
167.5	18	18	17	15	14
170.0	17	17	16	14	14
172.5	16	16	15	13	13
175.0	14	14	14	12	12
177.5	14	14	13	12	11
180.0	12	12	12	12	12

*MAXIMUM CANDELA VALUE