

LUMINAIRE: RLA14-30MLX-ESDU
 RLA Led, Recessed Architectural
 1 x 4 led with frosted scalloped acrylic lens
BALLAST: XI054C150V054SNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3771
WATTS: 38.30
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.09
LUMINOUS OPENING IN FEET
 LENGTH: 3.83
 WIDTH: 0.83
 HEIGHT: 0.00

TEST #15.00873
 DATE: 5/28/2015

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 98

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.42
BASED ON 3000 HRS. AND \$.08 PER KWH

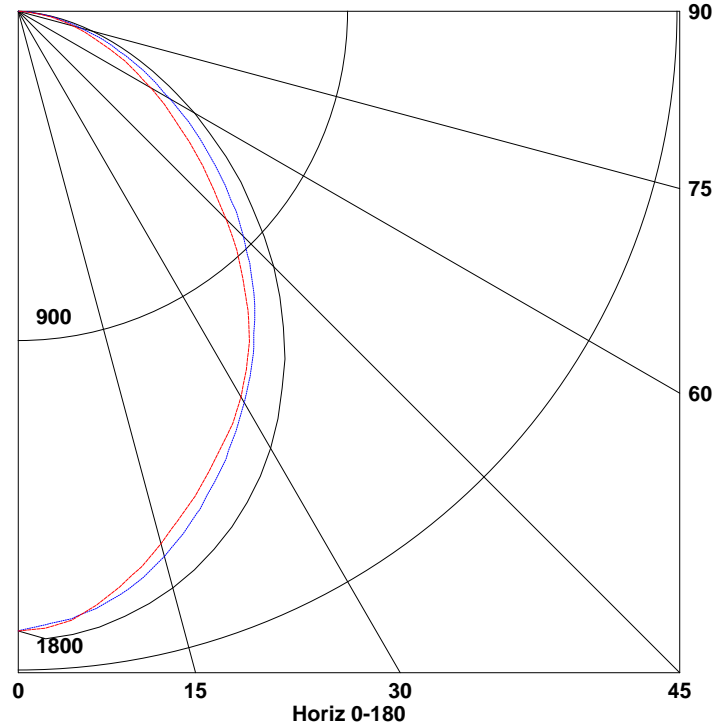
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1228	32.6	32.6
0-40	1945	51.6	51.6
0-60	3163	83.9	83.9
0-90	3771	100.0	100.0
0-180	3771	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5733	5733	5733	5733	5733
30	5392	5095	4825	4782	4758
40	4982	4628	4425	4319	4221
45	4726	4382	4166	3970	3845
50	4399	4109	3882	3593	3471
55	4091	3808	3572	3259	3105
60	3765	3515	3244	2953	2831
65	3397	3237	2972	2668	2572
70	3079	2940	2683	2356	2228
75	2721	2630	2316	2119	2054
80	2281	2301	2047	1852	1813
85	1748	1671	1438	1204	1127

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 180.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
RW	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
	2	100	93	87	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
	3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	62
R	4	85	74	65	59	83	72	65	59	70	63	58	67	62	57	65	60	56	54
C	5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	49	47
R	6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
	7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37
	8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	36	34
	9	59	46	38	33	58	46	38	33	44	37	33	43	37	32	42	37	32	31
	10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	30	28

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	1693	1693	1693	1693	1693
2.5	1716*	1687	1678	1688	1687
5.0	1709	1679	1666	1671	1670
7.5	1697	1665	1645	1644	1636
10.0	1678	1644	1617	1610	1597
12.5	1657	1618	1583	1567	1555
15.0	1631	1587	1542	1523	1506
17.5	1600	1551	1497	1474	1456
20.0	1564	1510	1449	1423	1411
22.5	1525	1465	1396	1373	1361
25.0	1480	1417	1346	1324	1313
27.5	1432	1363	1290	1273	1269
30.0	1379	1303	1234	1223	1217
32.5	1320	1241	1180	1170	1160
35.0	1257	1181	1122	1109	1101
37.5	1197	1115	1061	1046	1031
40.0	1127	1047	1001	977	955
42.5	1058	983	937	902	883
45.0	987	915	870	829	803
47.5	912	847	806	757	726
50.0	835	780	737	682	659
52.5	767	713	668	615	591
55.0	693	645	605	552	526
57.5	620	583	541	490	473
60.0	556	519	479	436	418
62.5	488	461	424	384	366
65.0	424	404	371	333	321
67.5	369	348	318	286	270
70.0	311	297	271	238	225
72.5	257	248	225	196	191
75.0	208	201	177	162	157
77.5	161	158	139	128	123
80.0	117	118	105	95	93
82.5	79	77	69	62	59
85.0	45	43	37	31	29
87.5	16	15	13	13	13
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE