

LUMINAIRE: RLA22-30LWX-EDU
 RLA Led, Recessed Architectural
 2x2 recessed LED architectural Luminaire
BALLAST: D10CC55UNVT-C
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2458
WATTS: 26.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.18 90° = 1.08
LUMINOUS OPENING IN FEET
 LENGTH: 1.83
 WIDTH: 1.79
 HEIGHT: 0.00

TEST #15.00212
 DATE: 2/4/2015

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 91

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.64
BASED ON 3000 HRS. AND \$.08 PER KWH

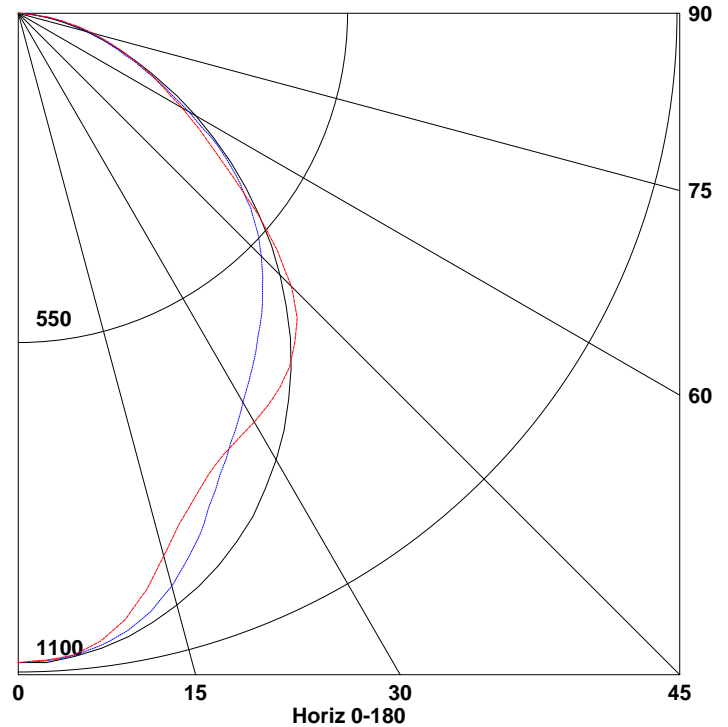
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	771	31.4	31.4
0-40	1229	50.0	50.0
0-60	2053	83.5	83.5
0-90	2458	100.0	100.0
0-180	2458	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3562	3562	3562	3562	3562
30	3267	3108	2846	2918	2990
40	3033	2720	2720	2973	3080
45	2872	2542	2667	2923	2997
50	2684	2357	2592	2699	2674
55	2481	2200	2435	2337	2292
60	2248	2057	2162	2064	2077
65	1983	1882	1897	1874	1928
70	1749	1710	1701	1739	1777
75	1485	1511	1549	1600	1651
80	1192	1268	1400	1419	1419
85	754	943	980	905	867

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 110.0 ———

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	92	90	91	89	88	85
	2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
	3	92	82	74	68	89	80	73	67	77	71	66	75	70	65	72	68	64	62
R	4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	56	54
C	5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47
R	6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41
	7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37
	8	63	49	41	36	61	49	41	35	48	40	35	46	40	35	45	39	35	33
	9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
	10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27

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	1084	1084	1084	1084	1084
2.5	1085*	1082	1082	1081	1081
5.0	1078	1076	1076	1074	1075
7.5	1069	1067	1064	1059	1057
10.0	1057	1055	1047	1033	1028
12.5	1041	1038	1023	995	987
15.0	1023	1019	990	951	938
17.5	1003	995	950	905	894
20.0	980	967	907	865	861
22.5	954	936	861	832	832
25.0	927	899	821	805	812
27.5	894	858	785	784	799
30.0	861	819	750	769	788
32.5	826	773	720	753	776
35.0	787	725	691	736	762
37.5	748	682	662	717	744
40.0	707	634	634	693	718
42.5	662	588	604	664	689
45.0	618	547	574	629	645
47.5	573	503	542	585	587
50.0	525	461	507	528	523
52.5	479	423	467	466	456
55.0	433	384	425	408	400
57.5	386	346	378	356	357
60.0	342	313	329	314	316
62.5	299	277	284	276	278
65.0	255	242	244	241	248
67.5	217	210	209	210	215
70.0	182	178	177	181	185
72.5	147	147	149	152	156
75.0	117	119	122	126	130
77.5	88	92	96	101	103
80.0	63	67	74	75	75
82.5	40	45	51	48	50
85.0	20	25	26	24	23
87.5	6	7	6	5	5
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE