

LUMINAIRE: VSY24-35XLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01006
BALLAST: XI075C200V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 7904
WATTS: 59.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.20
LUMINOUS OPENING IN FEET
 LENGTH: 3.92
 WIDTH: 1.90
 HEIGHT: 0.00

TEST #23407

DATE: 6/12/2019

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

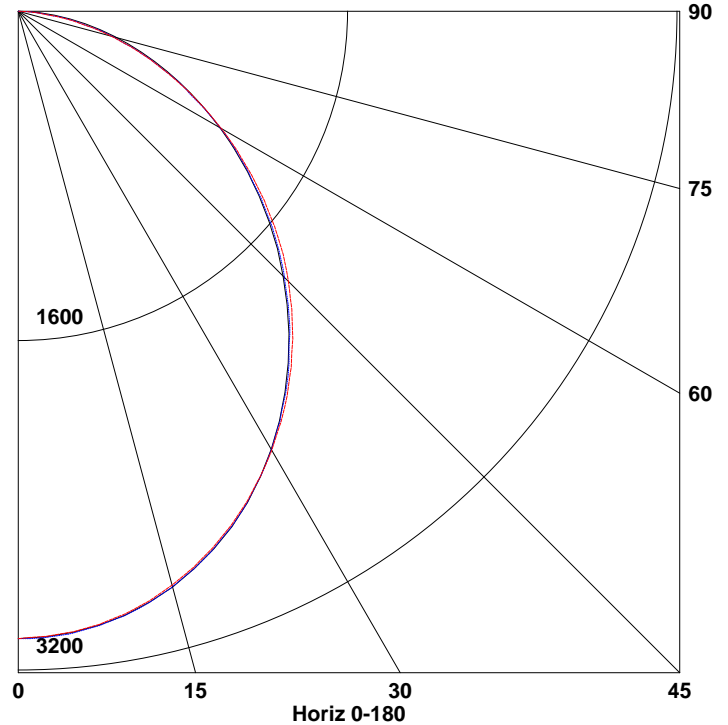
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2315	29.3	29.3
0-40	3732	47.2	47.2
0-60	6368	80.6	80.6
0-90	7904	100.0	100.0
0-180	7904	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4404	4404	4404	4404	4404
30	4100	4097	4104	4102	4109
40	3858	3851	3871	3890	3913
45	3718	3712	3738	3765	3793
50	3577	3573	3600	3622	3654
55	3424	3417	3444	3449	3480
60	3266	3260	3272	3263	3289
65	3102	3095	3081	3061	3088
70	2945	2928	2890	2844	2873
75	2764	2714	2658	2585	2613
80	2563	2447	2355	2247	2280
85	2272	2023	1857	1625	1658

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%					
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	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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 2' x 4' Led with acrylic diffuser
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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	3047*	3047	3047	3047	3047
2.5	3041	3044	3044	3044	3039
5.0	3028	3031	3032	3031	3026
7.5	3007	3010	3010	3008	3004
10.0	2979	2980	2980	2977	2973
12.5	2940	2942	2941	2937	2934
15.0	2895	2895	2894	2889	2886
17.5	2839	2840	2839	2833	2831
20.0	2778	2778	2777	2771	2770
22.5	2710	2708	2708	2703	2702
25.0	2633	2631	2632	2628	2628
27.5	2548	2545	2548	2546	2547
30.0	2457	2455	2459	2458	2462
32.5	2361	2358	2365	2366	2372
35.0	2259	2256	2264	2268	2278
37.5	2154	2150	2160	2167	2178
40.0	2045	2041	2052	2062	2074
42.5	1932	1930	1941	1953	1967
45.0	1819	1816	1829	1842	1856
47.5	1707	1704	1717	1729	1744
50.0	1591	1589	1601	1611	1625
52.5	1475	1472	1484	1491	1504
55.0	1359	1356	1367	1369	1381
57.5	1244	1241	1251	1248	1260
60.0	1130	1128	1132	1129	1138
62.5	1017	1016	1016	1011	1020
65.0	907	905	901	895	903
67.5	800	796	790	782	789
70.0	697	693	684	673	680
72.5	595	588	578	567	572
75.0	495	486	476	463	468
77.5	400	388	377	365	369
80.0	308	294	283	270	274
82.5	219	205	194	181	183
85.0	137	122	112	98	100
87.5	62	46	42	40	42
90.0	2	1	1	1	2

*MAXIMUM CANDELA VALUE