

LUMINAIRE: VSY24-40XLHE-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: 8035
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 #23408
 DATE: 6/12/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 134

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.79
BASED ON 3000 HRS. AND \$.08 PER KWH

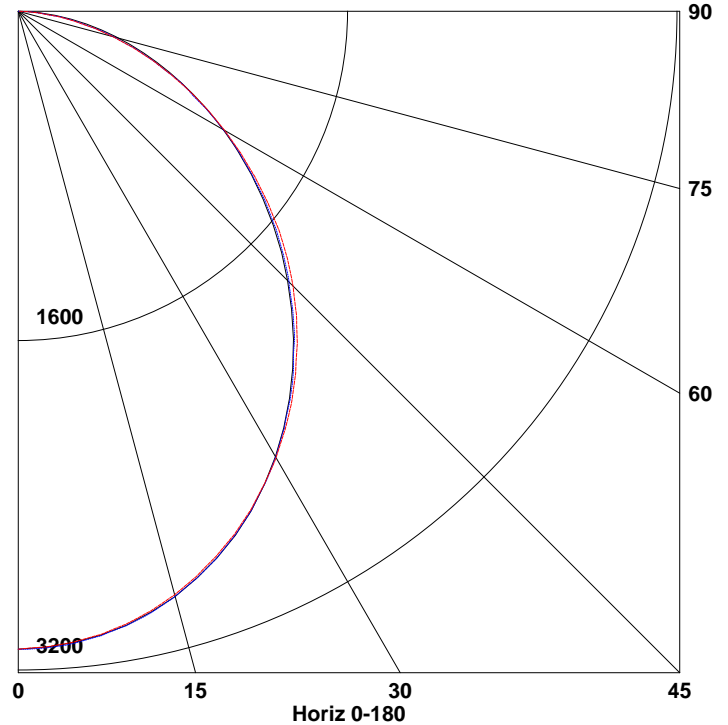
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2354	29.3	29.3
0-40	3793	47.2	47.2
0-60	6473	80.6	80.6
0-90	8035	100.0	100.0
0-180	8035	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4477	4477	4477	4477	4477
30	4169	4165	4172	4170	4177
40	3922	3915	3935	3956	3977
45	3781	3773	3799	3826	3857
50	3636	3631	3660	3683	3714
55	3482	3475	3502	3507	3538
60	3318	3312	3324	3315	3344
65	3153	3146	3132	3112	3139
70	2996	2975	2937	2894	2920
75	2809	2758	2697	2630	2658
80	2605	2489	2397	2280	2314
85	2322	2056	1890	1658	1691

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 3200

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	RW	80%				70%				50%				30%				
		70%	50%	30%	10%	70%	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	81	70	62	56	68	61	55	65	59	54	63	58	54	51
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: _____

LUMINAIRE: VSY24-40XLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01006

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 DATE: 6/12/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	3098*	3098	3098	3098	3098
2.5	3092	3095	3095	3095	3090
5.0	3078	3081	3082	3081	3076
7.5	3057	3060	3060	3058	3054
10.0	3028	3029	3029	3026	3022
12.5	2988	2991	2990	2985	2982
15.0	2943	2943	2942	2937	2934
17.5	2886	2887	2886	2880	2878
20.0	2824	2824	2823	2817	2815
22.5	2755	2753	2753	2748	2747
25.0	2677	2675	2676	2672	2672
27.5	2590	2587	2590	2588	2589
30.0	2498	2496	2500	2499	2503
32.5	2400	2397	2404	2405	2411
35.0	2297	2293	2302	2306	2315
37.5	2189	2186	2195	2203	2214
40.0	2079	2075	2086	2097	2108
42.5	1964	1962	1974	1985	2000
45.0	1850	1846	1859	1872	1887
47.5	1735	1732	1745	1758	1772
50.0	1617	1615	1628	1638	1652
52.5	1499	1496	1509	1516	1529
55.0	1382	1379	1390	1392	1404
57.5	1265	1262	1271	1269	1281
60.0	1148	1146	1150	1147	1157
62.5	1034	1033	1033	1027	1037
65.0	922	920	916	910	918
67.5	813	810	803	795	802
70.0	709	704	695	685	691
72.5	604	598	588	576	581
75.0	503	494	483	471	476
77.5	406	395	383	371	375
80.0	313	299	288	274	278
82.5	223	208	197	184	187
85.0	140	124	114	100	102
87.5	63	47	43	41	43
90.0	2	1	1	1	2

*MAXIMUM CANDELA VALUE