

LUMINAIRE: VSY24-40LHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01004
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 5745
WATTS: 38.49
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.21
LUMINOUS OPENING IN FEET
 LENGTH: 3.92
 WIDTH: 1.90
 HEIGHT: 0.00

TEST #23397

DATE: 6/12/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 149

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.59

BASED ON 3000 HRS. AND \$.08 PER KWH

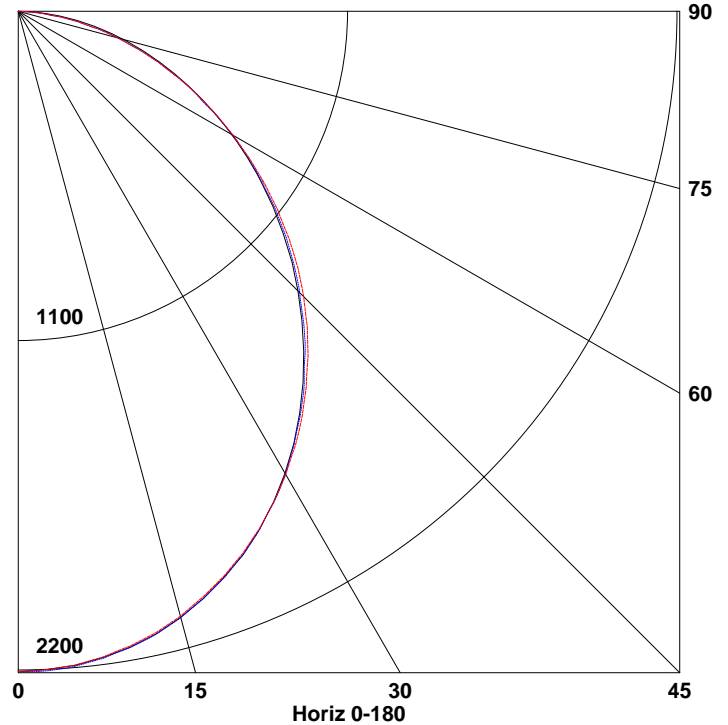
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1677	29.2	29.2
0-40	2705	47.1	47.1
0-60	4622	80.5	80.5
0-90	5745	100.0	100.0
0-180	5745	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3187	3187	3187	3187	3187
30	2972	2970	2977	2975	2980
40	2798	2794	2811	2824	2839
45	2700	2696	2716	2735	2755
50	2597	2595	2619	2637	2653
55	2492	2489	2510	2512	2532
60	2379	2373	2385	2379	2396
65	2260	2257	2250	2236	2254
70	2151	2134	2109	2079	2100
75	2021	1982	1943	1899	1921
80	1873	1798	1731	1656	1673
85	1675	1492	1376	1227	1260

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	70	66	62	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	63	58	53	51
C	5	77	64	55	48	75	63	54	48	61	53	48	59	52	57	51	47	45
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	52	46	41	39
	7	66	52	44	38	64	52	43	37	50	43	37	49	42	47	41	37	35
	8	61	48	39	34	60	47	39	34	46	39	33	45	38	43	37	33	31
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	40	34	30	28
	10	54	41	33	28	52	40	33	28	39	32	27	38	32	37	31	27	25

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: VSY24-40LHE-EDU
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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	2205*	2205	2205	2205	2205
2.5	2200	2203	2204	2203	2200
5.0	2192	2194	2195	2193	2191
7.5	2176	2178	2179	2177	2174
10.0	2156	2157	2157	2155	2152
12.5	2129	2129	2130	2127	2125
15.0	2095	2095	2096	2092	2091
17.5	2056	2056	2056	2052	2051
20.0	2011	2012	2012	2008	2007
22.5	1963	1962	1963	1959	1959
25.0	1907	1906	1908	1905	1906
27.5	1847	1845	1848	1846	1848
30.0	1781	1780	1784	1783	1786
32.5	1712	1710	1715	1717	1721
35.0	1638	1636	1643	1647	1652
37.5	1562	1560	1568	1573	1580
40.0	1483	1481	1490	1497	1505
42.5	1402	1400	1411	1419	1428
45.0	1321	1319	1329	1338	1348
47.5	1240	1238	1248	1257	1266
50.0	1155	1154	1165	1173	1180
52.5	1073	1071	1081	1085	1092
55.0	989	988	996	997	1005
57.5	905	904	911	909	916
60.0	823	821	825	823	829
62.5	741	740	740	737	743
65.0	661	660	658	654	659
67.5	583	582	577	571	577
70.0	509	505	499	492	497
72.5	434	430	422	415	419
75.0	362	355	348	340	344
77.5	292	284	277	267	272
80.0	225	216	208	199	201
82.5	161	151	143	134	136
85.0	101	90	83	74	76
87.5	45	35	31	29	32
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE