

LUMINAIRE: VSY14-35HLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 5109
WATTS: 38.46
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.23
LUMINOUS OPENING IN FEET
 LENGTH: 3.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #19.01010
 DATE: 6/7/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 133

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

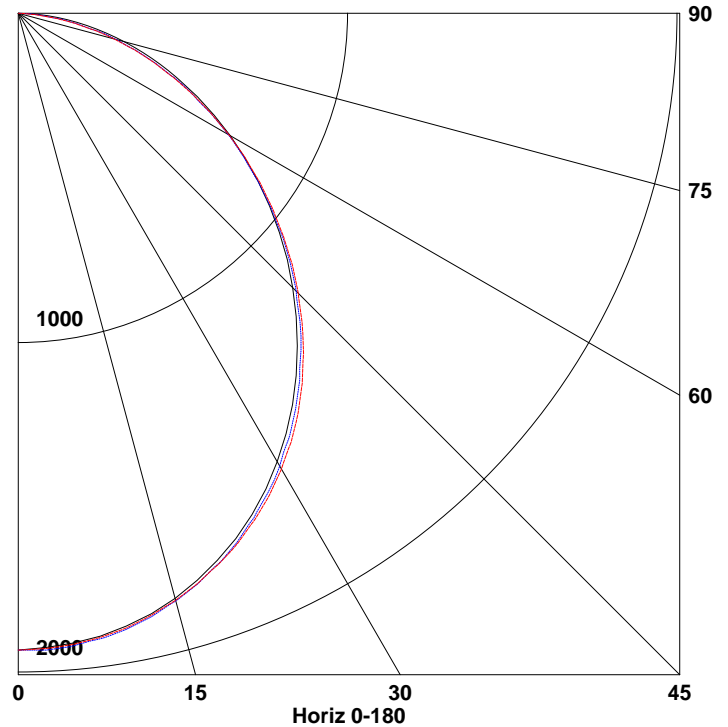
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1481	29.0	29.0
0-40	2397	46.9	46.9
0-60	4111	80.5	80.5
0-90	5109	100.0	100.0
0-180	5109	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	6117	6117	6117	6117	6117
30	5744	5755	5799	5810	5839
40	5444	5452	5514	5531	5564
45	5272	5285	5339	5348	5379
50	5095	5105	5134	5139	5169
55	4904	4910	4899	4904	4938
60	4702	4689	4652	4639	4677
65	4492	4447	4388	4350	4380
70	4293	4182	4108	4034	4071
75	4047	3876	3766	3656	3680
80	3790	3481	3298	3134	3171
85	3413	2832	2505	2178	2178

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	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	79	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60	60
R	4	83	71	63	81	70	62	56	67	60	55	65	59	54	63	58	53	51	51
C	5	77	64	55	74	63	54	48	61	53	48	59	52	47	57	51	47	44	44
R	6	71	58	49	69	57	48	42	55	47	42	53	47	41	52	46	41	39	39
	7	66	52	44	64	51	43	37	50	43	37	49	42	37	47	41	37	35	35
	8	61	48	39	60	47	39	33	46	38	33	45	38	33	43	37	33	31	31
	9	57	44	36	56	43	35	30	42	35	30	41	35	30	40	34	30	28	28
	10	54	41	33	52	40	32	27	39	32	27	38	32	27	37	31	27	25	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1933	1933	1933	1933	1933
2.5	1927	1929	1935*	1929	1930
5.0	1919	1922	1927	1922	1923
7.5	1907	1909	1915	1909	1911
10.0	1889	1891	1898	1892	1894
12.5	1867	1868	1875	1870	1871
15.0	1839	1841	1847	1843	1845
17.5	1805	1808	1815	1811	1814
20.0	1767	1770	1778	1775	1779
22.5	1726	1729	1737	1735	1741
25.0	1679	1682	1691	1691	1697
27.5	1628	1631	1641	1642	1650
30.0	1572	1575	1587	1590	1598
32.5	1513	1516	1529	1533	1542
35.0	1451	1453	1467	1473	1481
37.5	1386	1388	1403	1409	1416
40.0	1318	1320	1335	1339	1347
42.5	1249	1251	1265	1268	1275
45.0	1178	1181	1193	1195	1202
47.5	1108	1110	1119	1120	1128
50.0	1035	1037	1043	1044	1050
52.5	962	963	966	967	973
55.0	889	890	888	889	895
57.5	815	815	811	811	817
60.0	743	741	735	733	739
62.5	671	667	660	656	661
65.0	600	594	586	581	585
67.5	530	522	514	507	511
70.0	464	452	444	436	440
72.5	397	384	375	367	370
75.0	331	317	308	299	301
77.5	269	253	243	234	236
80.0	208	191	181	172	174
82.5	150	132	123	114	114
85.0	94	78	69	60	60
87.5	43	28	23	21	22
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE