

LUMINAIRE: VSY14-35MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4844
WATTS: 36.27
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 #19.01134
 DATE: 6/14/2019

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 = \$1.78
BASED ON 3000 HRS. AND \$.08 PER KWH

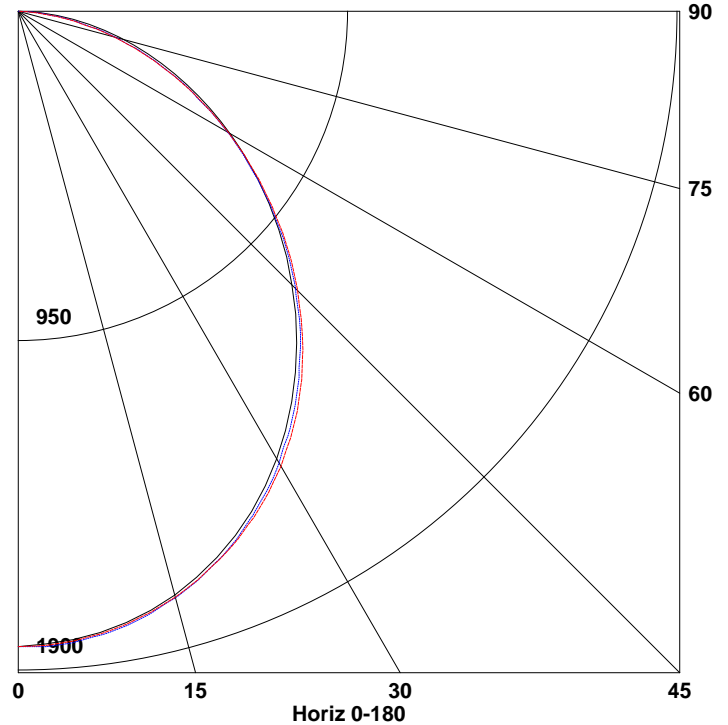
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1403	29.0	29.0
0-40	2272	46.9	46.9
0-60	3897	80.4	80.4
0-90	4844	100.0	100.0
0-180	4844	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5797	5797	5797	5797	5797
30	5444	5455	5495	5506	5535
40	5159	5172	5229	5242	5275
45	4994	5007	5061	5066	5097
50	4829	4839	4864	4874	4903
55	4651	4651	4645	4651	4678
60	4455	4449	4411	4398	4436
65	4260	4215	4163	4126	4155
70	4071	3969	3895	3830	3867
75	3851	3668	3570	3472	3497
80	3590	3298	3134	2970	3007
85	3231	2687	2396	2070	2070

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 190.0

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	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	79	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	67	60	55	65	59	54	63	58	53	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41	39
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	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: _____

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 1' 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	1832	1832	1832	1832	1832
2.5	1826	1829	1834*	1829	1830
5.0	1819	1822	1827	1822	1823
7.5	1807	1810	1815	1810	1811
10.0	1790	1793	1799	1793	1795
12.5	1769	1771	1777	1772	1774
15.0	1743	1745	1751	1747	1749
17.5	1711	1714	1721	1716	1720
20.0	1676	1678	1685	1682	1686
22.5	1636	1639	1647	1645	1650
25.0	1592	1595	1603	1603	1609
27.5	1543	1546	1556	1557	1564
30.0	1490	1493	1504	1507	1515
32.5	1434	1437	1449	1453	1461
35.0	1375	1378	1391	1396	1404
37.5	1313	1316	1330	1335	1342
40.0	1249	1252	1266	1269	1277
42.5	1184	1186	1200	1201	1208
45.0	1116	1119	1131	1132	1139
47.5	1050	1052	1061	1062	1069
50.0	981	983	988	990	996
52.5	912	914	916	917	922
55.0	843	843	842	843	848
57.5	773	773	769	769	774
60.0	704	703	697	695	701
62.5	636	633	626	622	627
65.0	569	563	556	551	555
67.5	503	495	487	481	485
70.0	440	429	421	414	418
72.5	376	364	356	348	351
75.0	315	300	292	284	286
77.5	255	239	230	222	224
80.0	197	181	172	163	165
82.5	142	126	117	108	109
85.0	89	74	66	57	57
87.5	41	27	23	21	22
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE