

LUMINAIRE: VSY24-35MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4812
WATTS: 36.69
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 #19.01133
 DATE: 6/14/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 131

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.85
BASED ON 3000 HRS. AND \$.08 PER KWH

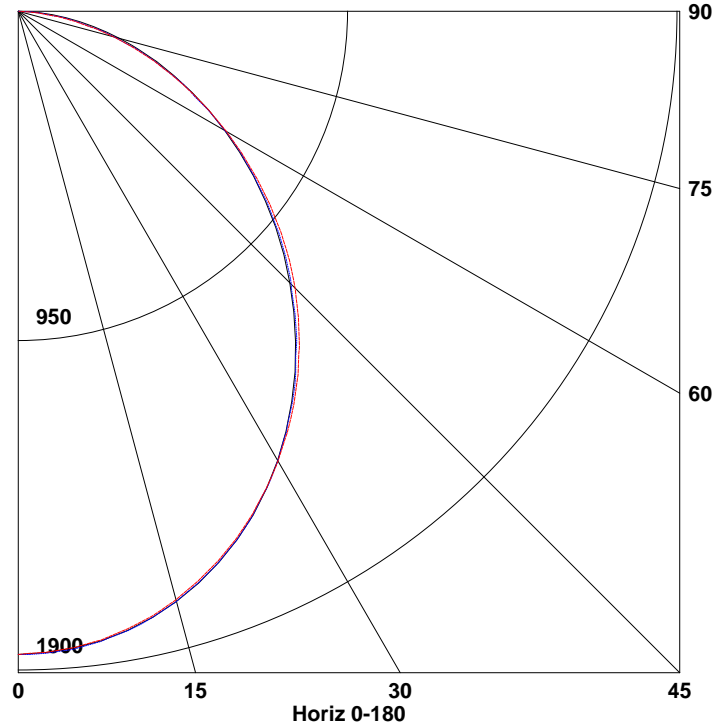
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1409	29.3	29.3
0-40	2271	47.2	47.2
0-60	3875	80.5	80.5
0-90	4812	100.0	100.0
0-180	4812	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2681	2681	2681	2681	2681
30	2497	2493	2498	2497	2500
40	2347	2345	2356	2366	2379
45	2263	2260	2275	2289	2307
50	2179	2174	2190	2206	2221
55	2086	2081	2096	2099	2117
60	1989	1983	1992	1986	2003
65	1891	1888	1877	1864	1877
70	1796	1783	1762	1732	1749
75	1686	1658	1619	1575	1591
80	1556	1498	1440	1373	1390
85	1393	1227	1128	1012	1028

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	80	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60	60
R	4	83	71	63	56	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	45
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33	31
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	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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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1855*	1855	1855	1855	1855
2.5	1851	1853	1853	1853	1850
5.0	1843	1845	1846	1845	1842
7.5	1831	1832	1832	1831	1829
10.0	1813	1814	1814	1812	1809
12.5	1790	1790	1790	1788	1786
15.0	1762	1762	1762	1758	1757
17.5	1729	1728	1728	1725	1723
20.0	1691	1691	1690	1687	1686
22.5	1649	1648	1649	1645	1645
25.0	1603	1601	1602	1599	1599
27.5	1551	1549	1551	1549	1550
30.0	1496	1494	1497	1496	1498
32.5	1437	1435	1439	1440	1443
35.0	1375	1373	1378	1380	1385
37.5	1311	1309	1314	1319	1325
40.0	1244	1243	1249	1254	1261
42.5	1176	1175	1181	1188	1196
45.0	1107	1106	1113	1120	1129
47.5	1039	1037	1045	1052	1060
50.0	969	967	974	981	988
52.5	898	897	904	907	915
55.0	828	826	832	833	840
57.5	757	756	761	759	766
60.0	688	686	689	687	693
62.5	620	619	618	615	620
65.0	553	552	549	545	549
67.5	487	486	481	476	480
70.0	425	422	417	410	414
72.5	362	359	352	345	348
75.0	302	297	290	282	285
77.5	243	237	230	222	225
80.0	187	180	173	165	167
82.5	134	125	118	111	112
85.0	84	74	68	61	62
87.5	38	29	26	25	27
90.0	1	1	1	1	2

*MAXIMUM CANDELA VALUE