

LUMINAIRE: VSY24-30MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01133
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4696
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 #23389
 DATE: 6/14/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 128

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.89
BASED ON 3000 HRS. AND \$.08 PER KWH

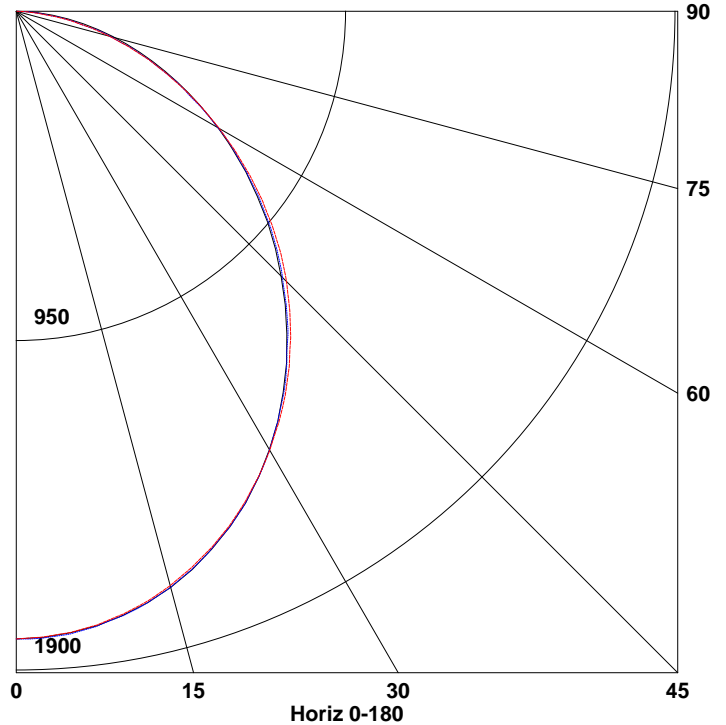
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1375	29.3	29.3
0-40	2217	47.2	47.2
0-60	3782	80.5	80.5
0-90	4696	100.0	100.0
0-180	4696	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2616	2616	2616	2616	2616
30	2436	2433	2438	2436	2440
40	2290	2288	2300	2309	2322
45	2207	2205	2220	2234	2252
50	2127	2122	2138	2152	2167
55	2036	2031	2046	2048	2066
60	1939	1937	1942	1939	1954
65	1847	1843	1833	1819	1833
70	1754	1741	1720	1690	1707
75	1647	1619	1580	1536	1552
80	1523	1465	1407	1340	1357
85	1360	1194	1094	995	1012

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 190.0

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	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1810*	1810	1810	1810	1810
2.5	1807	1809	1809	1809	1806
5.0	1799	1801	1802	1801	1798
7.5	1787	1788	1788	1787	1785
10.0	1769	1770	1770	1769	1766
12.5	1747	1747	1747	1745	1743
15.0	1720	1720	1720	1716	1715
17.5	1688	1687	1687	1684	1682
20.0	1650	1650	1649	1647	1646
22.5	1609	1608	1609	1606	1606
25.0	1565	1563	1564	1561	1561
27.5	1514	1512	1514	1512	1513
30.0	1460	1458	1461	1460	1462
32.5	1403	1401	1404	1405	1408
35.0	1342	1340	1345	1347	1352
37.5	1280	1278	1282	1287	1293
40.0	1214	1213	1219	1224	1231
42.5	1148	1147	1153	1159	1167
45.0	1080	1079	1086	1093	1102
47.5	1014	1012	1020	1027	1035
50.0	946	944	951	957	964
52.5	876	875	882	885	893
55.0	808	806	812	813	820
57.5	739	738	743	741	748
60.0	671	670	672	671	676
62.5	605	604	603	600	605
65.0	540	539	536	532	536
67.5	475	474	469	465	468
70.0	415	412	407	400	404
72.5	353	350	344	337	340
75.0	295	290	283	275	278
77.5	237	231	224	217	220
80.0	183	176	169	161	163
82.5	131	122	115	108	109
85.0	82	72	66	60	61
87.5	37	28	25	24	26
90.0	1	1	1	1	2

*MAXIMUM CANDELA VALUE