

LUMINAIRE: VSY24-35MWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3760
WATTS: 29.28
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 #19.00979
 DATE: 6/6/2019

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 = \$1.85
BASED ON 3000 HRS. AND \$.08 PER KWH

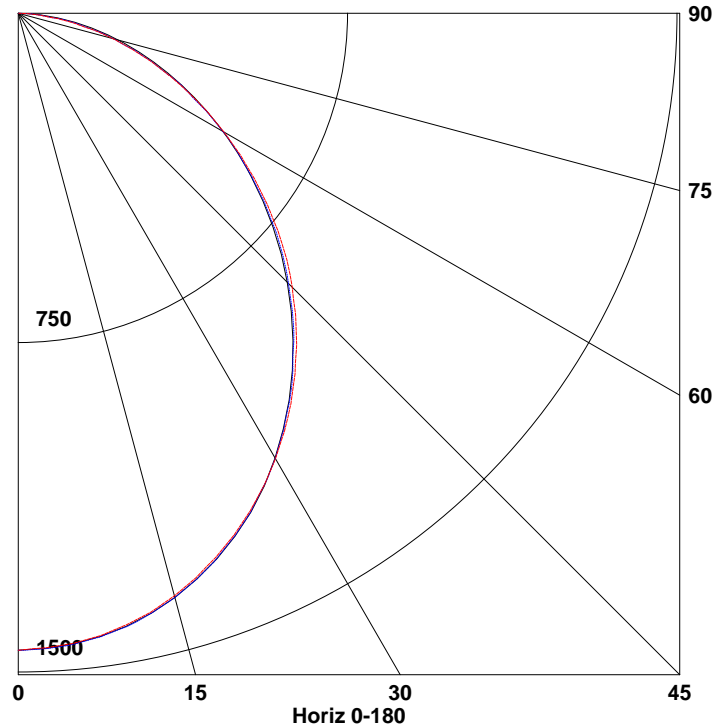
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1101	29.3	29.3
0-40	1775	47.2	47.2
0-60	3029	80.6	80.6
0-90	3760	100.0	100.0
0-180	3760	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2096	2096	2096	2096	2096
30	1951	1949	1952	1951	1954
40	1836	1832	1841	1849	1860
45	1770	1768	1778	1790	1803
50	1702	1700	1713	1722	1736
55	1630	1625	1638	1640	1655
60	1555	1549	1555	1552	1564
65	1477	1474	1467	1457	1467
70	1403	1394	1373	1352	1365
75	1318	1295	1262	1228	1245
80	1215	1165	1124	1065	1082
85	1094	962	879	779	796

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	81	70	62	56	68	61	55	65	59	54	63	58	54	51	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	1450*	1450	1450	1450	1450
2.5	1447	1449	1448	1448	1446
5.0	1441	1442	1442	1442	1440
7.5	1431	1432	1432	1431	1429
10.0	1417	1418	1418	1416	1414
12.5	1399	1399	1399	1397	1396
15.0	1377	1377	1377	1374	1373
17.5	1351	1351	1351	1348	1347
20.0	1322	1321	1321	1318	1317
22.5	1289	1288	1288	1286	1285
25.0	1253	1251	1252	1250	1250
27.5	1213	1211	1212	1211	1212
30.0	1169	1168	1170	1169	1171
32.5	1123	1122	1125	1125	1128
35.0	1075	1074	1077	1079	1083
37.5	1025	1023	1027	1031	1035
40.0	973	971	976	980	986
42.5	920	918	924	929	935
45.0	866	865	870	876	882
47.5	812	811	817	822	829
50.0	757	756	762	766	772
52.5	702	701	706	709	715
55.0	647	645	650	651	657
57.5	592	591	594	593	599
60.0	538	536	538	537	541
62.5	484	483	483	480	485
65.0	432	431	429	426	429
67.5	381	380	376	372	375
70.0	332	330	325	320	323
72.5	283	281	275	269	272
75.0	236	232	226	220	223
77.5	190	185	180	173	175
80.0	146	140	135	128	130
82.5	105	98	92	86	88
85.0	66	58	53	47	48
87.5	30	22	20	19	20
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE