

LUMINAIRE: VSY24-30MWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.00979
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3670
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 #23373

DATE: 6/6/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 125

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

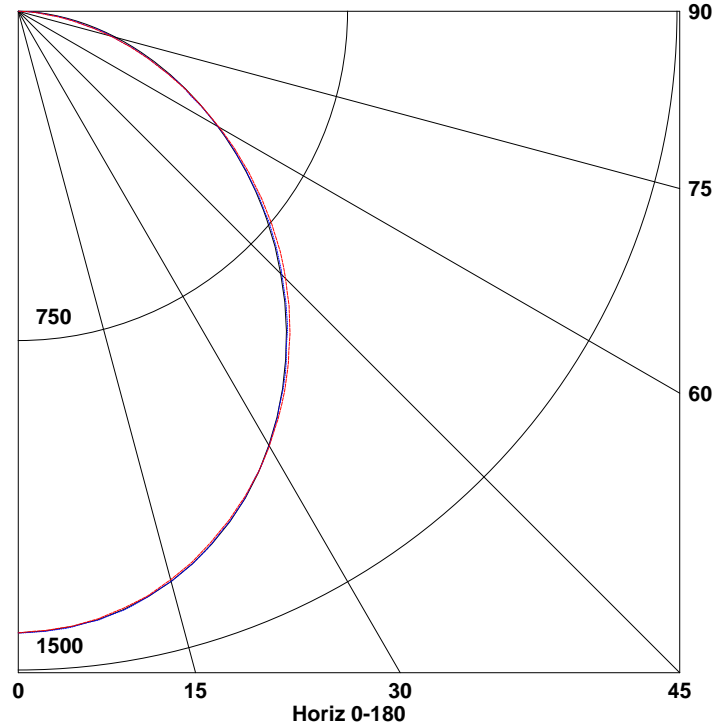
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1075	29.3	29.3
0-40	1732	47.2	47.2
0-60	2956	80.6	80.6
0-90	3670	100.0	100.0
0-180	3670	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2045	2045	2045	2045	2045
30	1904	1902	1906	1904	1907
40	1792	1788	1798	1804	1815
45	1727	1725	1735	1747	1760
50	1662	1659	1673	1682	1693
55	1590	1587	1597	1600	1615
60	1517	1512	1517	1515	1526
65	1443	1440	1433	1423	1433
70	1369	1361	1339	1318	1331
75	1284	1262	1234	1201	1217
80	1190	1140	1099	1040	1057
85	1061	945	862	763	779

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1500

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: _____

LUMINAIRE: VSY24-30MWHE-EDU
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 2' 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	1415*	1415	1415	1415	1415
2.5	1412	1414	1413	1413	1411
5.0	1406	1407	1407	1407	1405
7.5	1397	1398	1398	1397	1395
10.0	1383	1384	1384	1382	1380
12.5	1365	1365	1365	1363	1363
15.0	1344	1344	1344	1341	1340
17.5	1319	1319	1319	1316	1315
20.0	1290	1289	1289	1286	1285
22.5	1258	1257	1257	1255	1254
25.0	1223	1221	1222	1220	1220
27.5	1184	1182	1183	1182	1183
30.0	1141	1140	1142	1141	1143
32.5	1096	1095	1098	1098	1101
35.0	1049	1048	1051	1053	1057
37.5	1000	998	1002	1006	1010
40.0	950	948	953	956	962
42.5	898	896	902	907	913
45.0	845	844	849	855	861
47.5	793	792	797	802	809
50.0	739	738	744	748	753
52.5	685	684	689	692	698
55.0	631	630	634	635	641
57.5	578	577	580	579	585
60.0	525	523	525	524	528
62.5	472	471	471	468	473
65.0	422	421	419	416	419
67.5	372	371	367	363	366
70.0	324	322	317	312	315
72.5	276	274	268	263	265
75.0	230	226	221	215	218
77.5	185	181	176	169	171
80.0	143	137	132	125	127
82.5	102	96	90	84	86
85.0	64	57	52	46	47
87.5	29	21	20	19	20
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE