

LUMINAIRE: VSY24-50MWHE-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: 3824
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 #23376

DATE: 6/6/2019

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 = \$1.82

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

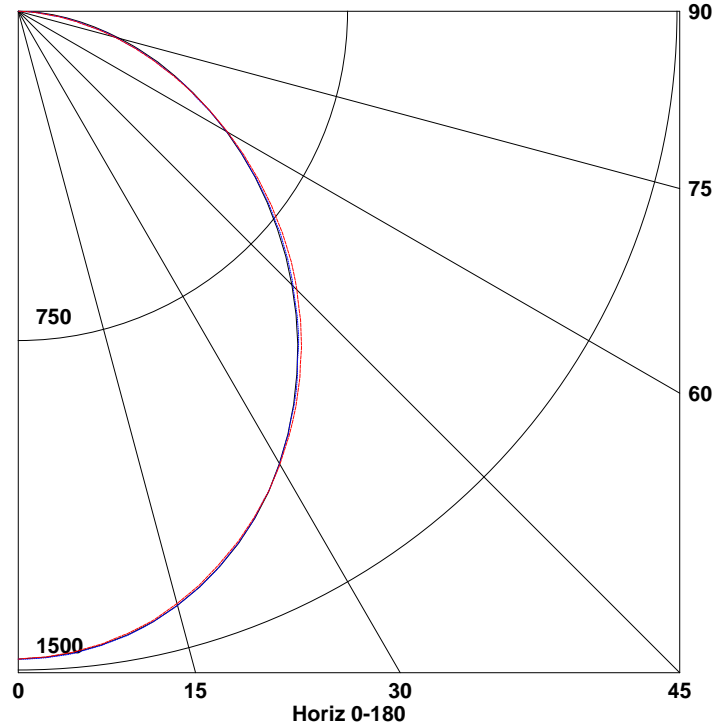
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1120	29.3	29.3
0-40	1805	47.2	47.2
0-60	3081	80.6	80.6
0-90	3824	100.0	100.0
0-180	3824	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2132	2132	2132	2132	2132
30	1984	1983	1986	1984	1988
40	1868	1864	1873	1881	1892
45	1801	1799	1809	1821	1833
50	1731	1729	1742	1751	1765
55	1658	1653	1665	1668	1683
60	1581	1575	1581	1578	1590
65	1501	1498	1491	1481	1491
70	1428	1420	1399	1373	1386
75	1340	1318	1284	1251	1268
80	1232	1182	1140	1082	1099
85	1111	978	895	796	813

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 75.0 ——— 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: _____

LUMINAIRE: VSY24-50MWHE-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	1475*	1475	1475	1475	1475
2.5	1472	1474	1473	1473	1471
5.0	1466	1467	1467	1467	1464
7.5	1455	1456	1456	1455	1453
10.0	1441	1442	1442	1440	1438
12.5	1423	1423	1423	1421	1420
15.0	1400	1400	1400	1397	1396
17.5	1374	1374	1374	1371	1370
20.0	1344	1343	1343	1340	1339
22.5	1311	1310	1310	1308	1307
25.0	1274	1272	1273	1271	1271
27.5	1234	1232	1233	1232	1233
30.0	1189	1188	1190	1189	1191
32.5	1142	1141	1144	1144	1147
35.0	1093	1092	1095	1097	1101
37.5	1042	1040	1044	1049	1053
40.0	990	988	993	997	1003
42.5	936	934	940	945	951
45.0	881	880	885	891	897
47.5	826	825	831	836	843
50.0	770	769	775	779	785
52.5	714	713	718	721	727
55.0	658	656	661	662	668
57.5	602	601	604	603	609
60.0	547	545	547	546	550
62.5	492	491	491	488	493
65.0	439	438	436	433	436
67.5	387	386	382	378	381
70.0	338	336	331	325	328
72.5	288	286	280	274	277
75.0	240	236	230	224	227
77.5	193	188	183	176	178
80.0	148	142	137	130	132
82.5	107	100	94	87	90
85.0	67	59	54	48	49
87.5	31	22	20	19	20
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE