

LUMINAIRE: VSY14-50MWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01124
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3861
WATTS: 29.09
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.23
LUMINOUS OPENING IN FEET
 LENGTH: 3.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23379

DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 133

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.80

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

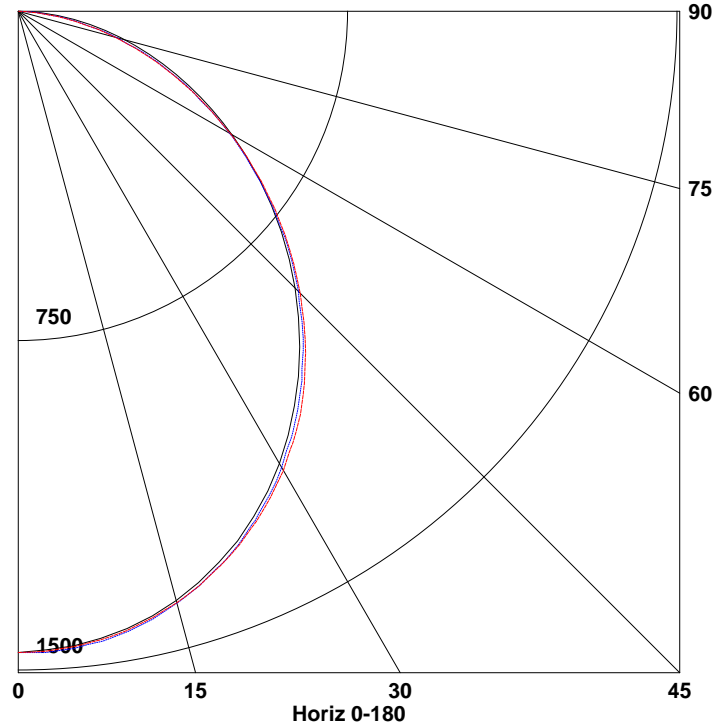
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1119	29.0	29.0
0-40	1811	46.9	46.9
0-60	3106	80.5	80.5
0-90	3861	100.0	100.0
0-180	3861	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4620	4620	4620	4620	4620
30	4344	4352	4381	4388	4410
40	4118	4122	4168	4180	4205
45	3987	3996	4036	4036	4063
50	3850	3859	3879	3879	3904
55	3707	3707	3702	3702	3729
60	3550	3544	3512	3500	3531
65	3399	3362	3317	3279	3309
70	3247	3164	3109	3053	3081
75	3069	2922	2849	2763	2788
80	2879	2624	2497	2369	2387
85	2578	2142	1888	1634	1670

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	79	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60	60
R	4	83	71	63	81	70	62	56	67	60	55	65	59	54	63	58	53	51	51
C	5	77	64	55	74	63	54	48	61	53	48	59	52	47	57	51	47	44	44
R	6	71	58	49	69	57	48	42	55	47	42	53	47	41	52	46	41	39	39
	7	66	52	44	64	51	43	37	50	43	37	49	42	37	47	41	37	35	35
	8	61	48	39	60	47	39	33	46	38	33	45	38	33	43	37	33	31	31
	9	57	44	36	56	43	35	30	42	35	30	41	35	30	40	34	30	28	28
	10	54	41	33	52	40	32	27	39	32	27	38	32	27	37	31	27	25	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: VSY14-50MWHE-EDU
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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1460	1460	1460	1460	1460
2.5	1455	1457	1461*	1457	1458
5.0	1450	1452	1456	1452	1452
7.5	1440	1442	1447	1443	1443
10.0	1427	1429	1434	1430	1431
12.5	1410	1412	1417	1413	1414
15.0	1389	1391	1395	1392	1394
17.5	1364	1366	1371	1368	1371
20.0	1335	1337	1343	1340	1344
22.5	1305	1306	1313	1311	1315
25.0	1269	1271	1278	1277	1282
27.5	1231	1233	1240	1241	1246
30.0	1189	1191	1199	1201	1207
32.5	1144	1145	1155	1158	1164
35.0	1096	1098	1109	1113	1120
37.5	1048	1050	1061	1064	1070
40.0	997	998	1009	1012	1018
42.5	944	946	956	958	963
45.0	891	893	902	902	908
47.5	837	839	846	846	851
50.0	782	784	788	788	793
52.5	727	728	730	730	735
55.0	672	672	671	671	676
57.5	616	616	613	612	617
60.0	561	560	555	553	558
62.5	507	504	499	495	499
65.0	454	449	443	438	442
67.5	401	395	388	382	385
70.0	351	342	336	330	333
72.5	300	290	283	277	279
75.0	251	239	233	226	228
77.5	203	191	183	177	179
80.0	158	144	137	130	131
82.5	113	101	93	86	87
85.0	71	59	52	45	46
87.5	33	21	18	16	17
90.0	1	1	1	0	1

*MAXIMUM CANDELA VALUE