

LUMINAIRE: VSY24-50LWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.00978
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4381
WATTS: 33.33
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 #23382

DATE: 5/31/2019

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 = \$1.80

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

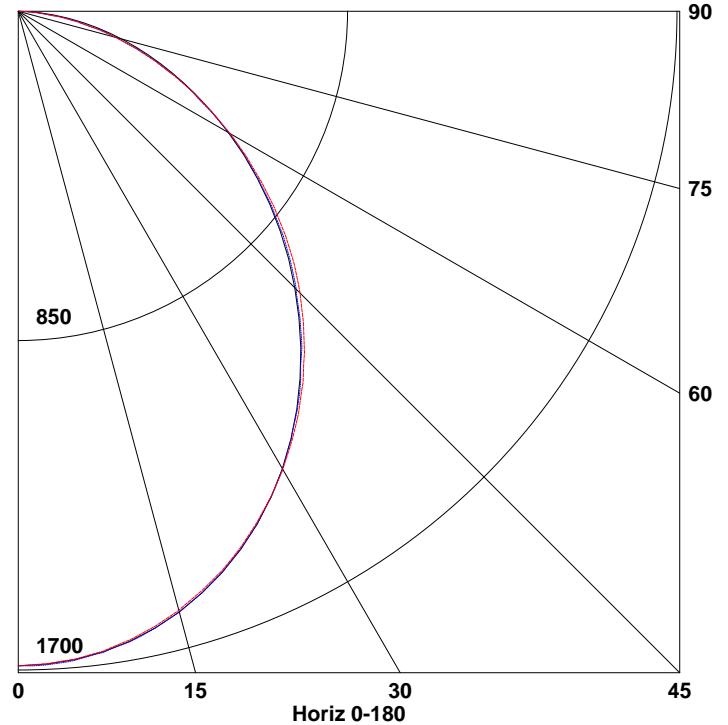
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1283	29.3	29.3
0-40	2069	47.2	47.2
0-60	3530	80.6	80.6
0-90	4381	100.0	100.0
0-180	4381	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2441	2441	2441	2441	2441
30	2275	2271	2275	2275	2278
40	2139	2134	2147	2154	2168
45	2062	2058	2072	2087	2101
50	1983	1981	1997	2008	2024
55	1900	1895	1910	1912	1928
60	1809	1807	1812	1807	1824
65	1720	1717	1706	1693	1710
70	1631	1623	1601	1576	1589
75	1536	1508	1469	1429	1446
80	1415	1365	1307	1248	1265
85	1260	1111	1028	912	929

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1700

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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1689*	1689	1689	1689	1689
2.5	1686	1687	1688	1687	1685
5.0	1679	1681	1681	1680	1678
7.5	1667	1669	1669	1668	1666
10.0	1651	1652	1652	1651	1648
12.5	1630	1631	1630	1628	1626
15.0	1605	1605	1604	1602	1600
17.5	1574	1574	1574	1571	1569
20.0	1540	1540	1540	1537	1536
22.5	1502	1501	1501	1498	1498
25.0	1459	1458	1459	1456	1456
27.5	1413	1412	1413	1411	1412
30.0	1363	1361	1363	1363	1365
32.5	1309	1307	1311	1311	1314
35.0	1253	1251	1255	1257	1262
37.5	1194	1192	1197	1201	1207
40.0	1134	1131	1138	1142	1149
42.5	1072	1070	1076	1082	1089
45.0	1009	1007	1014	1021	1028
47.5	946	945	952	958	966
50.0	882	881	888	893	900
52.5	818	817	823	827	833
55.0	754	752	758	759	765
57.5	690	689	693	692	698
60.0	626	625	627	625	631
62.5	563	562	562	559	564
65.0	503	502	499	495	500
67.5	443	442	438	433	437
70.0	386	384	379	373	376
72.5	330	326	320	313	316
75.0	275	270	263	256	259
77.5	222	216	210	201	204
80.0	170	164	157	150	152
82.5	122	114	108	101	102
85.0	76	67	62	55	56
87.5	35	25	23	22	23
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE