

LUMINAIRE: VSY24-40MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01133
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4893
WATTS: 36.69
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 #23387

DATE: 6/14/2019

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 = \$1.82

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

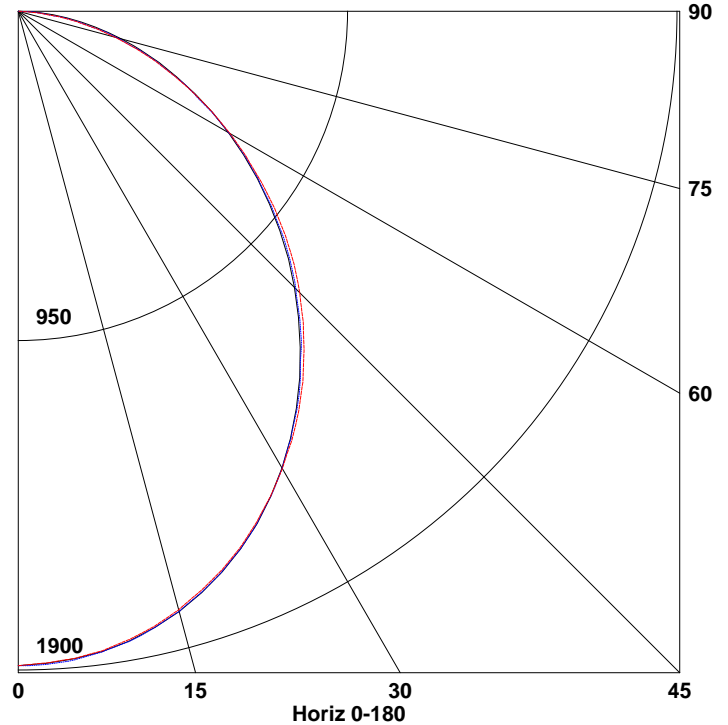
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1433	29.3	29.3
0-40	2309	47.2	47.2
0-60	3941	80.5	80.5
0-90	4893	100.0	100.0
0-180	4893	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2727	2727	2727	2727	2727
30	2538	2535	2540	2538	2542
40	2387	2385	2396	2405	2419
45	2301	2299	2314	2328	2346
50	2215	2210	2228	2244	2260
55	2122	2117	2132	2134	2152
60	2023	2018	2026	2020	2038
65	1922	1918	1908	1894	1908
70	1825	1813	1792	1762	1779
75	1714	1686	1647	1603	1619
80	1581	1523	1465	1398	1415
85	1410	1244	1144	1028	1045

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 190.0

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	RW	80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
R	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
C	1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
R	2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71
C	3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	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
C	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
R	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33	31
C	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
R	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: VSY24-40MLHE-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	1887*	1887	1887	1887	1887
2.5	1882	1885	1885	1885	1881
5.0	1874	1876	1877	1876	1873
7.5	1862	1863	1863	1862	1860
10.0	1844	1845	1845	1843	1840
12.5	1820	1820	1820	1818	1816
15.0	1792	1792	1792	1788	1787
17.5	1758	1757	1757	1754	1752
20.0	1720	1720	1719	1716	1715
22.5	1677	1676	1677	1673	1673
25.0	1630	1628	1629	1626	1626
27.5	1577	1575	1577	1575	1576
30.0	1521	1519	1522	1521	1523
32.5	1461	1459	1463	1464	1468
35.0	1398	1396	1401	1403	1409
37.5	1333	1331	1336	1341	1348
40.0	1265	1264	1270	1275	1282
42.5	1196	1195	1201	1208	1216
45.0	1126	1125	1132	1139	1148
47.5	1057	1055	1063	1070	1078
50.0	985	983	991	998	1005
52.5	913	912	919	922	931
55.0	842	840	846	847	854
57.5	770	769	774	772	779
60.0	700	698	701	699	705
62.5	631	630	629	625	631
65.0	562	561	558	554	558
67.5	495	494	489	484	488
70.0	432	429	424	417	421
72.5	368	365	358	351	354
75.0	307	302	295	287	290
77.5	247	241	234	226	229
80.0	190	183	176	168	170
82.5	136	127	120	113	114
85.0	85	75	69	62	63
87.5	39	29	26	25	27
90.0	1	1	1	1	2

*MAXIMUM CANDELA VALUE