

LUMINAIRE: VSY14-40MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01134
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4927
WATTS: 36.27
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 #23391
 DATE: 6/14/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 136

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.75
BASED ON 3000 HRS. AND \$.08 PER KWH

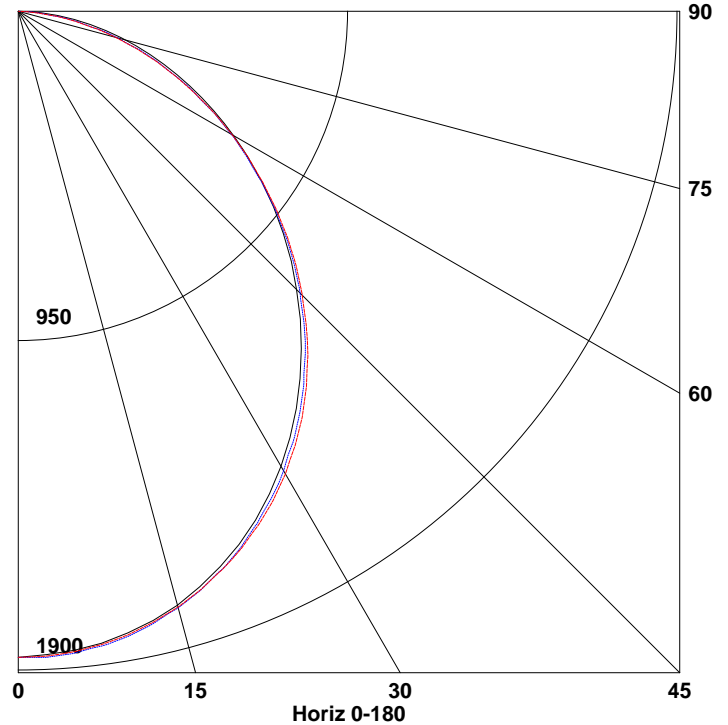
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1427	29.0	29.0
0-40	2311	46.9	46.9
0-60	3963	80.4	80.4
0-90	4927	100.0	100.0
0-180	4927	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5895	5895	5895	5895	5895
30	5535	5546	5590	5601	5630
40	5246	5258	5320	5333	5366
45	5079	5093	5146	5151	5182
50	4913	4923	4947	4957	4987
55	4728	4728	4722	4728	4755
60	4531	4525	4487	4474	4512
65	4335	4290	4230	4193	4223
70	4136	4034	3960	3895	3932
75	3912	3729	3631	3533	3558
80	3645	3353	3189	3025	3061
85	3304	2723	2433	2106	2106

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%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	79	76	73	71	
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60	
R	4	83	71	63	81	70	62	56	67	60	55	65	59	54	63	58	53	51	
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41	39
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	52	40	32	27	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: VSY14-40MLHE-EDU
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 1' x 4' Led with acrylic diffuser
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 DATE: 6/14/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1863	1863	1863	1863	1863
2.5	1857	1860	1865*	1860	1861
5.0	1850	1853	1858	1853	1854
7.5	1838	1841	1846	1841	1842
10.0	1820	1823	1830	1823	1826
12.5	1799	1801	1807	1802	1804
15.0	1773	1775	1781	1777	1779
17.5	1740	1743	1750	1745	1749
20.0	1704	1707	1714	1711	1715
22.5	1664	1667	1675	1673	1678
25.0	1619	1622	1630	1630	1636
27.5	1569	1572	1582	1583	1591
30.0	1515	1518	1530	1533	1541
32.5	1458	1461	1474	1478	1486
35.0	1398	1401	1415	1420	1428
37.5	1335	1338	1353	1358	1365
40.0	1270	1273	1288	1291	1299
42.5	1204	1206	1220	1221	1229
45.0	1135	1138	1150	1151	1158
47.5	1068	1070	1079	1080	1087
50.0	998	1000	1005	1007	1013
52.5	928	930	932	933	938
55.0	857	857	856	857	862
57.5	786	786	782	782	787
60.0	716	715	709	707	713
62.5	647	644	637	633	638
65.0	579	573	565	560	564
67.5	512	503	495	489	493
70.0	447	436	428	421	425
72.5	382	370	362	354	357
75.0	320	305	297	289	291
77.5	259	243	234	226	228
80.0	200	184	175	166	168
82.5	144	128	119	110	111
85.0	91	75	67	58	58
87.5	42	27	23	21	22
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE