

LUMINAIRE: VSY14-30MLHE-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: 4728
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 #23390
 DATE: 6/14/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 130

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.83
BASED ON 3000 HRS. AND \$.08 PER KWH

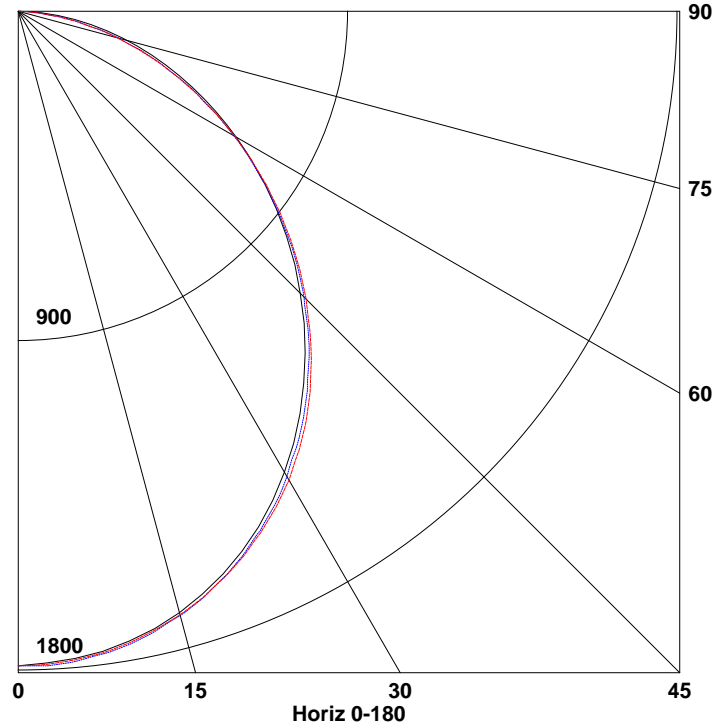
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1370	29.0	29.0
0-40	2218	46.9	46.9
0-60	3804	80.4	80.4
0-90	4728	100.0	100.0
0-180	4728	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5658	5658	5658	5658	5658
30	5313	5324	5364	5375	5404
40	5035	5048	5106	5118	5147
45	4873	4887	4940	4945	4976
50	4711	4721	4746	4755	4785
55	4540	4540	4535	4540	4568
60	4348	4341	4303	4291	4329
65	4155	4111	4066	4028	4058
70	3969	3876	3802	3738	3775
75	3753	3582	3484	3387	3411
80	3499	3225	3061	2897	2934
85	3159	2614	2324	2033	2033

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 180.0

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				10%		0%
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	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	74	63	54	48	61	53	48	59	52	47	57	51	47	44	
R	6	71	58	49	69	57	48	42	55	47	42	53	47	41	52	46	41	39	
	7	66	52	44	64	51	43	37	50	43	37	49	42	37	47	41	37	35	
	8	61	48	39	60	47	39	33	46	38	33	45	38	33	43	37	33	31	
	9	57	44	36	56	43	35	30	42	35	30	41	35	30	40	34	30	28	
	10	54	41	33	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: VSY14-30MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' 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	1788	1788	1788	1788	1788
2.5	1782	1785	1790*	1785	1786
5.0	1775	1778	1783	1778	1779
7.5	1764	1767	1771	1767	1768
10.0	1747	1750	1756	1750	1752
12.5	1727	1729	1734	1729	1731
15.0	1701	1703	1709	1705	1707
17.5	1670	1673	1680	1675	1679
20.0	1636	1638	1645	1642	1646
22.5	1597	1600	1607	1606	1610
25.0	1554	1557	1565	1565	1570
27.5	1506	1509	1519	1520	1526
30.0	1454	1457	1468	1471	1479
32.5	1400	1403	1414	1418	1426
35.0	1342	1345	1358	1363	1370
37.5	1281	1284	1298	1303	1310
40.0	1219	1222	1236	1239	1246
42.5	1156	1158	1171	1172	1179
45.0	1089	1092	1104	1105	1112
47.5	1025	1027	1036	1037	1043
50.0	957	959	964	966	972
52.5	890	892	894	895	900
55.0	823	823	822	823	828
57.5	754	754	751	751	755
60.0	687	686	680	678	684
62.5	621	618	611	607	612
65.0	555	549	543	538	542
67.5	491	483	475	469	473
70.0	429	419	411	404	408
72.5	367	355	347	340	343
75.0	307	293	285	277	279
77.5	249	233	224	217	219
80.0	192	177	168	159	161
82.5	139	123	114	105	106
85.0	87	72	64	56	56
87.5	40	26	22	21	21
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE