

LUMINAIRE: VSY14-30XWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2119
WATTS: 17.58
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 #19.01008
 DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 121

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.03
BASED ON 3000 HRS. AND \$.08 PER KWH

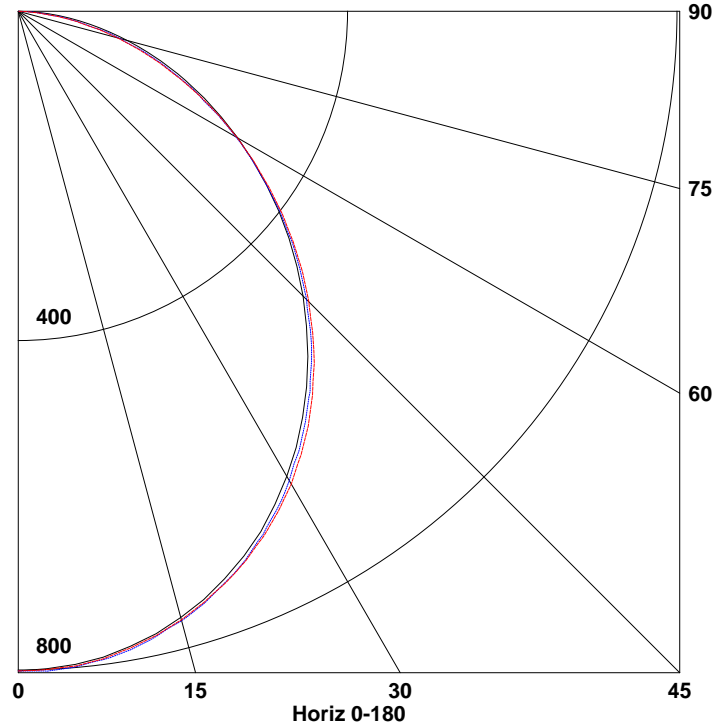
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	614	29.0	29.0
0-40	994	46.9	46.9
0-60	1705	80.5	80.5
0-90	2119	100.0	100.0
0-180	2119	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2535	2535	2535	2535	2535
30	2382	2386	2404	2408	2422
40	2259	2259	2288	2297	2309
45	2188	2188	2215	2215	2233
50	2112	2117	2132	2132	2146
55	2030	2036	2030	2036	2047
60	1949	1943	1930	1924	1943
65	1864	1842	1819	1804	1819
70	1776	1730	1712	1675	1684
75	1675	1602	1565	1516	1528
80	1567	1440	1367	1294	1312
85	1416	1162	1053	908	908

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 800

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	56	81	70	62	56	67	60	55	65	59	63	58	53	51	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	57	51	47	44	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	51	46	41	39	39
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	47	41	37	35	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	43	37	33	31	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	40	34	30	28	28
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	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: _____

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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	801	801	801	801	801
2.5	799	800	802*	800	800
5.0	796	797	799	797	798
7.5	791	792	794	792	793
10.0	783	784	787	785	785
12.5	774	775	777	775	776
15.0	762	763	766	764	765
17.5	749	750	753	751	752
20.0	733	734	737	736	738
22.5	716	717	721	720	722
25.0	697	698	702	701	704
27.5	675	676	681	681	684
30.0	652	653	658	659	663
32.5	628	629	634	636	639
35.0	602	603	608	611	614
37.5	575	576	582	584	587
40.0	547	547	554	556	559
42.5	518	519	525	526	529
45.0	489	489	495	495	499
47.5	459	460	464	465	468
50.0	429	430	433	433	436
52.5	399	400	401	401	404
55.0	368	369	368	369	371
57.5	338	338	337	337	339
60.0	308	307	305	304	307
62.5	278	277	274	272	275
65.0	249	246	243	241	243
67.5	220	216	213	210	212
70.0	192	187	185	181	182
72.5	164	159	156	152	153
75.0	137	131	128	124	125
77.5	111	105	101	97	98
80.0	86	79	75	71	72
82.5	62	55	51	47	48
85.0	39	32	29	25	25
87.5	18	12	10	9	10
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE