

LUMINAIRE: VSY14-35XWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01008
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2172
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 #23409
 DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 124

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.98
BASED ON 3000 HRS. AND \$.08 PER KWH

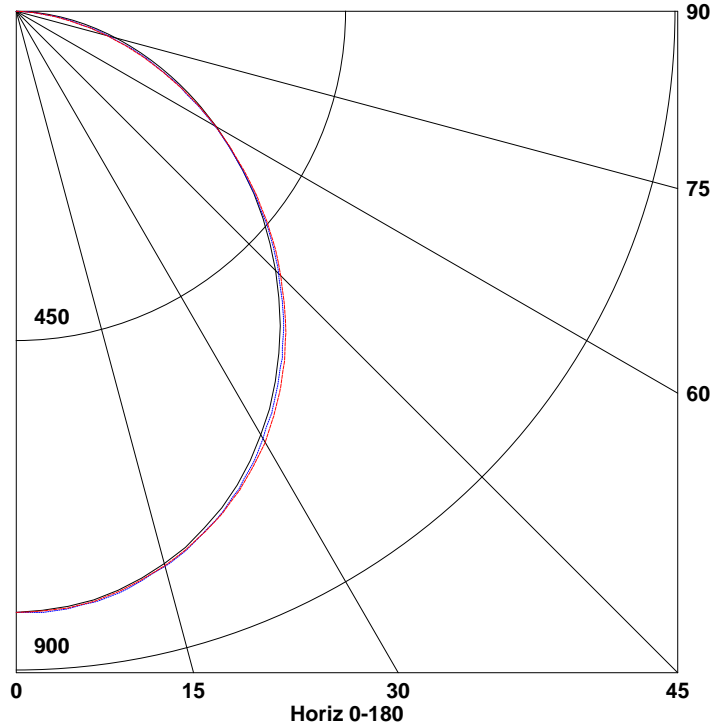
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	629	29.0	29.0
0-40	1019	46.9	46.9
0-60	1748	80.5	80.5
0-90	2172	100.0	100.0
0-180	2172	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2598	2598	2598	2598	2598
30	2441	2444	2463	2466	2485
40	2317	2317	2346	2354	2367
45	2242	2242	2269	2269	2287
50	2166	2171	2186	2186	2200
55	2080	2085	2080	2085	2096
60	2000	1994	1981	1975	1994
65	1909	1887	1864	1849	1864
70	1823	1776	1758	1721	1730
75	1712	1638	1602	1553	1565
80	1604	1476	1403	1330	1348
85	1452	1198	1089	944	944

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

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	79	76	73	71
C	3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60
R	4	83	71	63	56	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
C	7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37	35
R	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
C	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
R	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: VSY14-35XWHE-EDU
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 1' x 4' Led with acrylic diffuser
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 DATE: 6/13/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	821	821	821	821	821
2.5	819	820	822*	820	820
5.0	816	817	819	817	818
7.5	811	812	814	812	813
10.0	803	804	807	805	805
12.5	793	794	796	794	795
15.0	781	782	785	783	784
17.5	768	769	772	770	771
20.0	751	752	755	754	756
22.5	734	735	739	738	740
25.0	714	715	720	719	722
27.5	692	693	698	698	701
30.0	668	669	674	675	680
32.5	644	645	650	652	655
35.0	617	618	623	626	629
37.5	589	590	597	599	602
40.0	561	561	568	570	573
42.5	531	532	538	539	542
45.0	501	501	507	507	511
47.5	470	472	476	477	480
50.0	440	441	444	444	447
52.5	409	410	411	411	414
55.0	377	378	377	378	380
57.5	346	346	345	345	347
60.0	316	315	313	312	315
62.5	285	284	281	279	282
65.0	255	252	249	247	249
67.5	226	221	218	215	217
70.0	197	192	190	186	187
72.5	168	163	160	156	157
75.0	140	134	131	127	128
77.5	114	108	104	99	100
80.0	88	81	77	73	74
82.5	64	56	52	48	49
85.0	40	33	30	26	26
87.5	18	12	10	9	10
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE