

LUMINAIRE: VSY12-50MWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00997
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1985
WATTS: 15.22
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.22 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23420
 DATE: 6/7/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 130

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.82
BASED ON 3000 HRS. AND \$.08 PER KWH

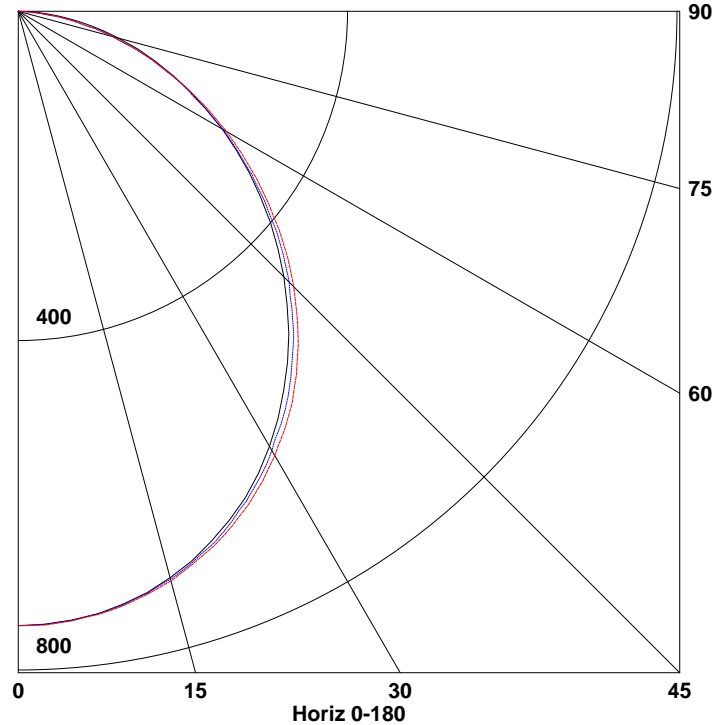
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	574	28.9	28.9
0-40	931	46.9	46.9
0-60	1598	80.5	80.5
0-90	1985	100.0	100.0
0-180	1985	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4832	4832	4832	4832	4832
30	4563	4563	4608	4637	4660
40	4321	4321	4397	4439	4473
45	4177	4186	4260	4296	4333
50	4031	4041	4091	4132	4172
55	3874	3874	3919	3941	3987
60	3705	3692	3718	3731	3783
65	3525	3495	3495	3495	3541
70	3352	3295	3277	3239	3295
75	3154	3028	2978	2928	2953
80	2910	2686	2611	2462	2537
85	2601	2081	1932	1635	1709

INDOOR CANDELA PLOT



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	80	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	56	81	70	62	56	67	60	55	65	59	63	58	53	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	51	46	41	39
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	40	34	30	28
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	746*	746	746	746	746
2.5	745	745	745	746	746
5.0	742	742	743	743	743
7.5	738	737	738	739	739
10.0	731	731	732	732	733
12.5	723	722	724	724	725
15.0	712	712	714	715	716
17.5	700	700	702	703	704
20.0	685	685	689	690	692
22.5	669	669	673	675	677
25.0	652	652	656	658	661
27.5	632	632	637	641	643
30.0	610	610	616	620	623
32.5	587	587	594	599	602
35.0	562	563	571	576	580
37.5	537	537	545	551	555
40.0	511	511	520	525	529
42.5	483	484	492	497	501
45.0	456	457	465	469	473
47.5	428	429	436	440	444
50.0	400	401	406	410	414
52.5	371	371	376	380	383
55.0	343	343	347	349	353
57.5	314	314	316	318	322
60.0	286	285	287	288	292
62.5	257	256	257	257	261
65.0	230	228	228	228	231
67.5	203	200	200	198	201
70.0	177	174	173	171	174
72.5	152	147	145	143	145
75.0	126	121	119	117	118
77.5	102	97	95	91	93
80.0	78	72	70	66	68
82.5	56	50	47	44	45
85.0	35	28	26	22	23
87.5	15	10	8	7	8
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE