

LUMINAIRE: VSY22-40MWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00853
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1984
WATTS: 15.23
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.19 90° = 1.19
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 1.91
 HEIGHT: 0.00

TEST #23422

DATE: 5/13/2019

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

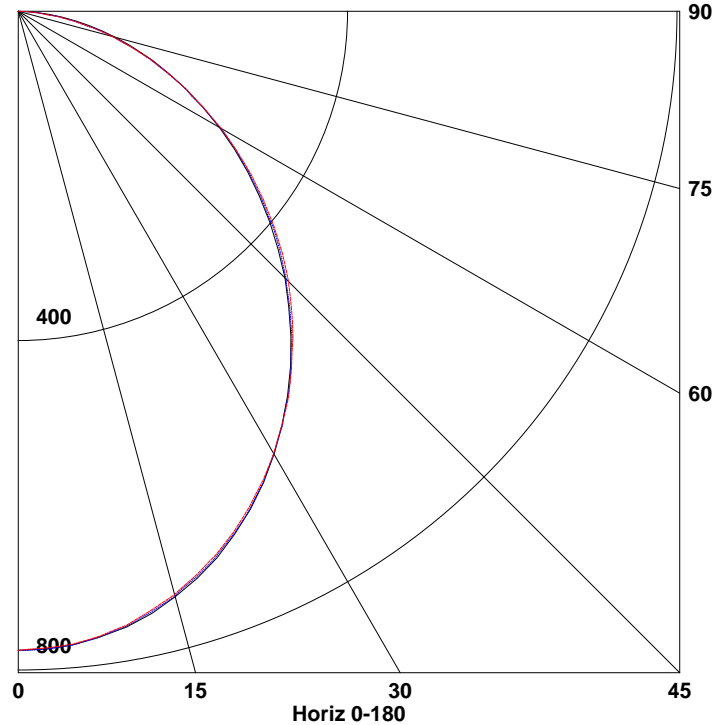
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	587	29.6	29.6
0-40	943	47.5	47.5
0-60	1604	80.8	80.8
0-90	1984	100.0	100.0
0-180	1984	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2290	2290	2290	2290	2290
30	2116	2109	2116	2109	2112
40	1984	1980	1991	1991	1999
45	1911	1903	1919	1924	1936
50	1832	1827	1845	1850	1859
55	1749	1749	1764	1759	1775
60	1664	1664	1670	1658	1682
65	1578	1571	1571	1557	1578
70	1492	1484	1467	1449	1475
75	1391	1357	1345	1311	1345
80	1257	1206	1189	1138	1172
85	1117	948	914	813	846

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
RW	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	109	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
	2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71
	3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60
R	4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	52
C	5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	48	42	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

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	776*	776	776	776	776
2.5	775	775	775	775	774
5.0	772	771	772	771	771
7.5	766	766	766	765	765
10.0	759	758	758	757	757
12.5	749	747	747	745	745
15.0	736	735	735	733	733
17.5	722	720	720	718	718
20.0	706	704	704	702	702
22.5	687	686	686	683	684
25.0	667	666	666	664	664
27.5	645	644	645	642	643
30.0	621	619	621	619	620
32.5	596	595	597	595	596
35.0	570	569	571	570	572
37.5	543	541	544	544	545
40.0	515	514	517	517	519
42.5	486	485	488	489	491
45.0	458	456	460	461	464
47.5	428	427	431	432	435
50.0	399	398	402	403	405
52.5	369	369	372	372	375
55.0	340	340	343	342	345
57.5	311	310	313	311	314
60.0	282	282	283	281	285
62.5	253	253	253	251	254
65.0	226	225	225	223	226
67.5	198	197	196	194	197
70.0	173	172	170	168	171
72.5	146	145	143	140	143
75.0	122	119	118	115	118
77.5	98	95	94	91	93
80.0	74	71	70	67	69
82.5	53	49	48	45	47
85.0	33	28	27	24	25
87.5	13	10	9	9	10
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE