

LUMINAIRE: VSY22-30MWHE-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: 1904
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 #23421

DATE: 5/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 125

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.89

BASED ON 3000 HRS. AND \$.08 PER KWH

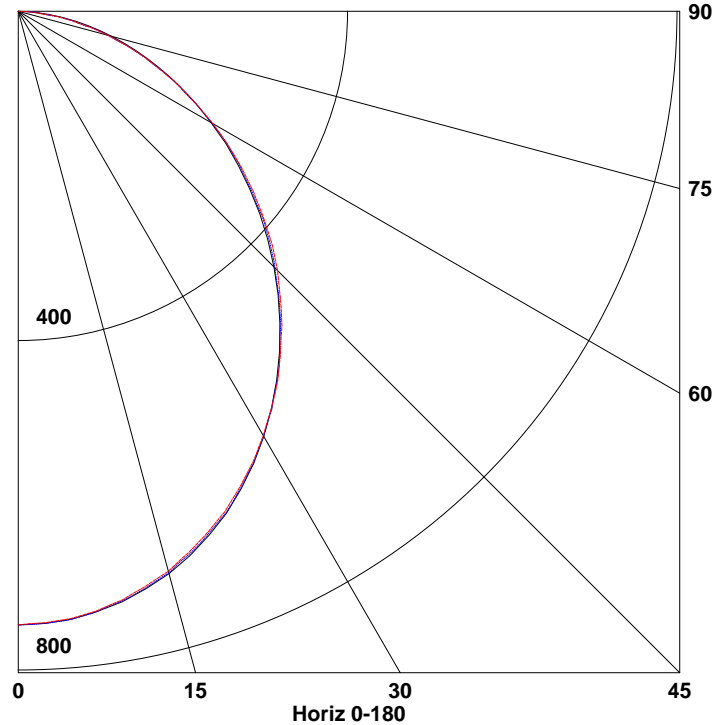
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	563	29.6	29.6
0-40	905	47.5	47.5
0-60	1539	80.8	80.8
0-90	1904	100.0	100.0
0-180	1904	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2198	2198	2198	2198	2198
30	2031	2024	2031	2024	2027
40	1903	1899	1910	1910	1918
45	1832	1823	1840	1844	1857
50	1758	1753	1772	1776	1781
55	1677	1677	1692	1687	1703
60	1593	1593	1599	1587	1611
65	1515	1508	1508	1494	1515
70	1432	1423	1406	1389	1415
75	1334	1300	1288	1254	1288
80	1206	1155	1138	1087	1121
85	1050	914	880	779	813

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%			
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	97	106	102	98	95	98	95	92	94	91	89	90	88	87	84
R	2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71
C	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
C	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	48	42	37	35
R	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
C	9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
R	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	745*	745	745	745	745
2.5	744	744	744	744	743
5.0	741	740	741	740	740
7.5	735	735	735	734	734
10.0	728	727	727	726	726
12.5	718	717	717	715	715
15.0	707	706	706	704	704
17.5	693	691	691	689	689
20.0	677	675	675	673	673
22.5	660	659	659	656	657
25.0	640	639	639	637	637
27.5	619	618	619	616	617
30.0	596	594	596	594	595
32.5	572	571	573	571	572
35.0	547	546	548	547	549
37.5	521	519	522	522	523
40.0	494	493	496	496	498
42.5	467	466	468	469	471
45.0	439	437	441	442	445
47.5	411	410	414	415	418
50.0	383	382	386	387	388
52.5	354	354	357	357	360
55.0	326	326	329	328	331
57.5	299	298	301	299	302
60.0	270	270	271	269	273
62.5	243	243	243	241	244
65.0	217	216	216	214	217
67.5	190	189	188	186	189
70.0	166	165	163	161	164
72.5	141	140	138	135	138
75.0	117	114	113	110	113
77.5	94	91	90	87	89
80.0	71	68	67	64	66
82.5	51	47	46	43	45
85.0	31	27	26	23	24
87.5	13	10	9	9	10
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE