

LUMINAIRE: VSY12-30MWHE-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: 1905
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 #23418
 DATE: 6/7/2019

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

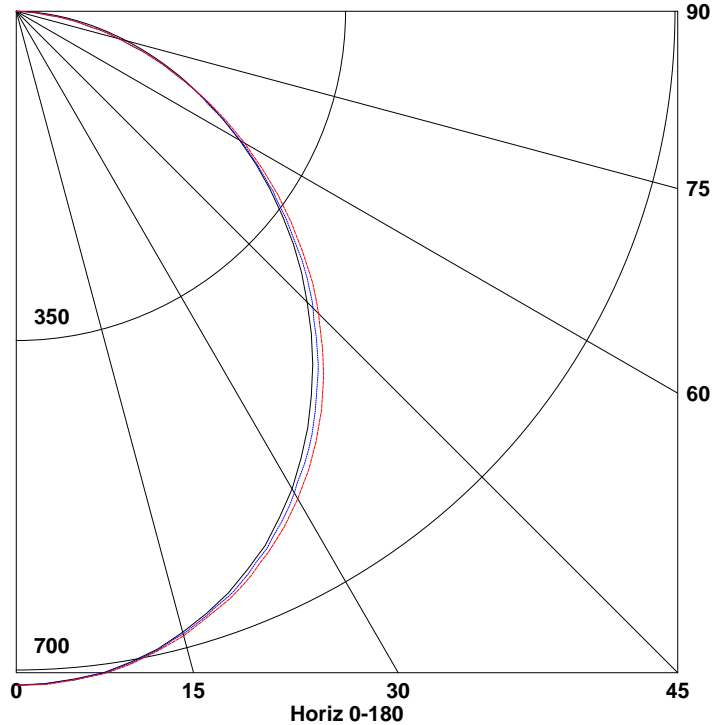
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	551	28.9	28.9
0-40	893	46.9	46.9
0-60	1534	80.5	80.5
0-90	1905	100.0	100.0
0-180	1905	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4638	4638	4638	4638	4638
30	4383	4383	4421	4450	4473
40	4143	4143	4220	4262	4296
45	4003	4012	4086	4122	4159
50	3870	3880	3920	3960	4001
55	3716	3716	3761	3783	3828
60	3550	3537	3563	3576	3627
65	3387	3357	3357	3357	3403
70	3220	3163	3144	3106	3163
75	3028	2903	2853	2803	2828
80	2798	2574	2499	2350	2425
85	2453	2007	1858	1561	1635

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	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	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
	7	66	52	44	38	64	51	43	37	50	43	37	48	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	716*	716	716	716	716
2.5	715	715	715	716	716
5.0	712	712	713	713	713
7.5	709	708	709	710	710
10.0	702	702	703	703	704
12.5	694	693	695	695	696
15.0	683	683	685	686	687
17.5	671	671	673	674	675
20.0	658	658	661	662	664
22.5	642	642	646	648	650
25.0	626	626	630	631	634
27.5	606	606	611	615	617
30.0	586	586	591	595	598
32.5	563	563	570	575	578
35.0	540	541	548	552	556
37.5	515	515	523	529	533
40.0	490	490	499	504	508
42.5	464	465	472	477	481
45.0	437	438	446	450	454
47.5	411	412	419	423	427
50.0	384	385	389	393	397
52.5	356	356	361	365	368
55.0	329	329	333	335	339
57.5	302	302	304	305	309
60.0	274	273	275	276	280
62.5	247	246	247	247	251
65.0	221	219	219	219	222
67.5	195	192	192	190	193
70.0	170	167	166	164	167
72.5	145	142	140	138	140
75.0	121	116	114	112	113
77.5	98	93	91	87	89
80.0	75	69	67	63	65
82.5	54	48	45	42	43
85.0	33	27	25	21	22
87.5	15	10	8	7	8
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE