

LUMINAIRE: VSY12-50LWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00996
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2607
WATTS: 19.29
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23426
 DATE: 6/7/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 135

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.75
BASED ON 3000 HRS. AND \$.08 PER KWH

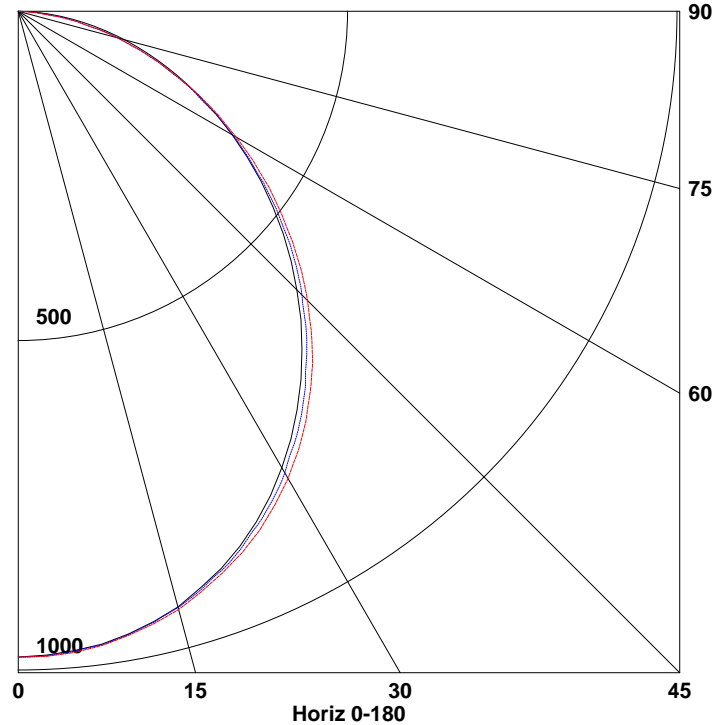
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	754	28.9	28.9
0-40	1222	46.9	46.9
0-60	2099	80.5	80.5
0-90	2607	100.0	100.0
0-180	2607	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	6348	6348	6348	6348	6348
30	5984	5991	6051	6096	6126
40	5666	5674	5759	5835	5877
45	5478	5496	5579	5643	5689
50	5291	5301	5371	5432	5472
55	5082	5093	5139	5184	5240
60	4858	4845	4871	4897	4949
65	4629	4598	4583	4583	4644
70	4413	4318	4299	4261	4318
75	4155	4004	3929	3854	3904
80	3842	3581	3432	3245	3357
85	3419	2899	2601	2155	2304

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 100.0

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	46	41	52	46	41	39
	7	66	52	44	37	64	51	43	37	50	42	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	980*	980	980	980	980
2.5	978	978	979	980	980
5.0	974	975	975	976	977
7.5	969	969	970	970	971
10.0	960	960	961	962	962
12.5	949	949	950	951	952
15.0	936	935	937	939	940
17.5	918	918	921	923	924
20.0	900	900	903	906	907
22.5	879	880	883	887	889
25.0	855	855	860	864	868
27.5	829	830	836	841	844
30.0	800	801	809	815	819
32.5	770	771	779	786	791
35.0	738	739	749	757	761
37.5	705	706	716	724	728
40.0	670	671	681	690	695
42.5	635	636	646	653	658
45.0	598	600	609	616	621
47.5	562	563	572	579	583
50.0	525	526	533	539	543
52.5	487	488	494	499	503
55.0	450	451	455	459	464
57.5	412	413	415	419	423
60.0	375	374	376	378	382
62.5	339	338	338	339	343
65.0	302	300	299	299	303
67.5	266	263	262	261	264
70.0	233	228	227	225	228
72.5	199	193	191	188	191
75.0	166	160	157	154	156
77.5	134	127	123	120	121
80.0	103	96	92	87	90
82.5	73	66	62	58	59
85.0	46	39	35	29	31
87.5	19	13	11	9	10
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE