

LUMINAIRE: VSY22-35LWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2568
WATTS: 19.27
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 #19.00855
 DATE: 5/14/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 133

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.78
BASED ON 3000 HRS. AND \$.08 PER KWH

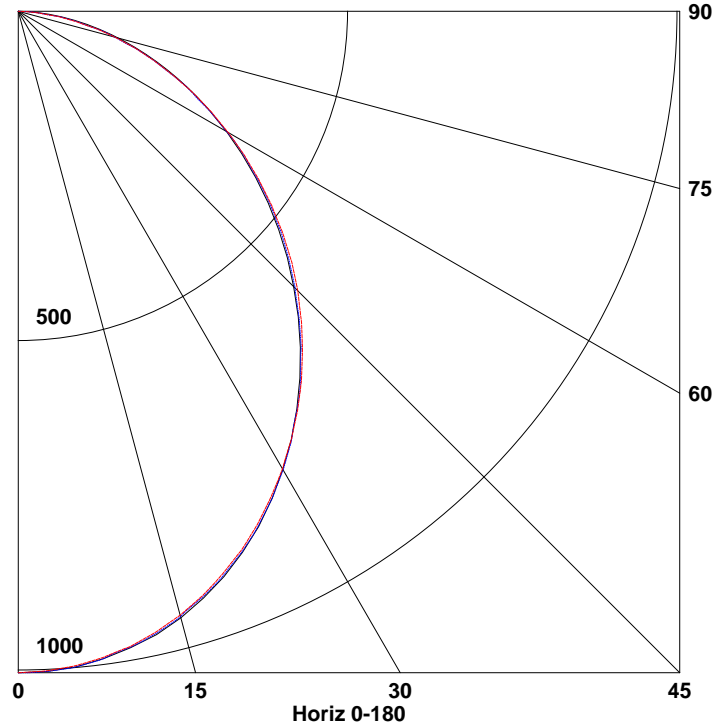
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	759	29.6	29.6
0-40	1221	47.5	47.5
0-60	2075	80.8	80.8
0-90	2568	100.0	100.0
0-180	2568	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2962	2962	2962	2962	2962
30	2736	2732	2739	2729	2732
40	2565	2558	2573	2577	2584
45	2466	2466	2479	2491	2504
50	2369	2369	2387	2396	2405
55	2263	2258	2279	2274	2294
60	2154	2148	2160	2148	2172
65	2039	2039	2032	2018	2039
70	1924	1915	1898	1872	1898
75	1790	1767	1733	1699	1733
80	1631	1563	1529	1478	1512
85	1422	1253	1185	1083	1117

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	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	100
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	100
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	86	86	84
2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	73	73	71
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	62	62	60
R	4	83	72	63	81	70	62	56	68	61	55	65	59	54	63	58	54	54	54	52
C	5	77	64	55	75	63	55	49	61	54	48	59	53	47	57	51	47	47	47	45
R	6	71	58	49	69	57	49	43	55	48	42	53	47	42	52	46	41	41	41	39
	7	66	53	44	64	52	44	38	50	43	37	49	42	37	47	42	37	37	37	35
	8	61	48	40	60	47	39	34	46	39	34	45	38	33	44	38	33	33	33	31
	9	57	44	36	56	44	36	31	42	35	30	41	35	30	40	34	30	30	30	28
	10	54	41	33	53	40	33	28	39	32	28	38	32	28	38	32	27	27	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	1004*	1004	1004	1004	1004
2.5	1003	1002	1003	1002	1002
5.0	999	998	999	998	997
7.5	991	991	991	990	989
10.0	981	980	980	979	979
12.5	969	967	967	965	965
15.0	953	951	951	949	949
17.5	934	933	932	930	930
20.0	913	911	911	908	908
22.5	889	888	888	885	885
25.0	863	862	862	859	859
27.5	834	833	834	831	831
30.0	803	802	804	801	802
32.5	771	770	772	770	771
35.0	737	736	738	738	739
37.5	702	701	704	704	706
40.0	666	664	668	669	671
42.5	629	628	631	633	636
45.0	591	591	594	597	600
47.5	554	553	557	560	563
50.0	516	516	520	522	524
52.5	478	477	482	482	485
55.0	440	439	443	442	446
57.5	402	402	405	403	407
60.0	365	364	366	364	368
62.5	328	328	328	326	330
65.0	292	292	291	289	292
67.5	257	256	254	252	255
70.0	223	222	220	217	220
72.5	189	188	185	182	186
75.0	157	155	152	149	152
77.5	126	123	121	118	120
80.0	96	92	90	87	89
82.5	68	64	62	59	60
85.0	42	37	35	32	33
87.5	17	14	13	12	13
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE