

LUMINAIRE: VSY22-30LWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00855
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2507
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 #23427

DATE: 5/14/2019

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

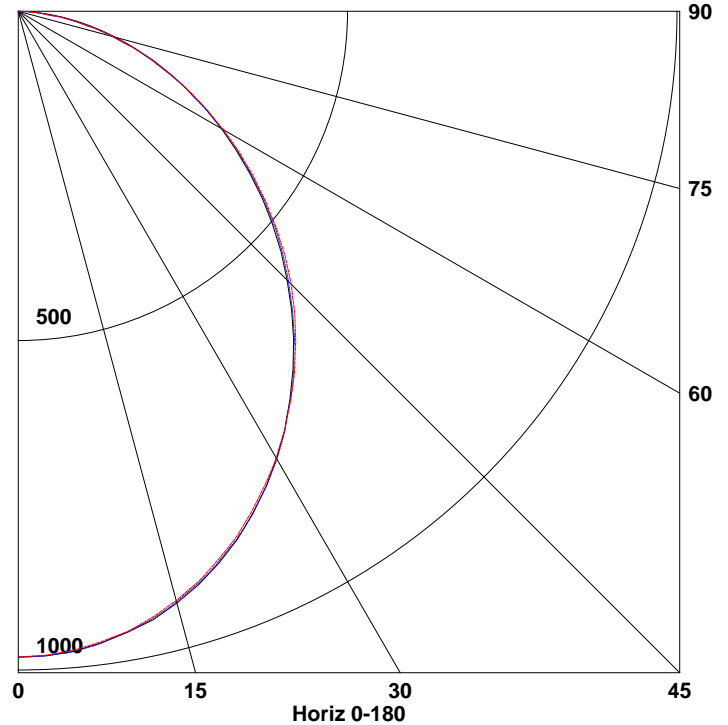
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	741	29.6	29.6
0-40	1191	47.5	47.5
0-60	2025	80.8	80.8
0-90	2507	100.0	100.0
0-180	2507	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2892	2892	2892	2892	2892
30	2671	2668	2675	2664	2668
40	2504	2496	2511	2515	2523
45	2408	2408	2420	2433	2445
50	2313	2313	2332	2336	2346
55	2207	2202	2222	2217	2238
60	2101	2095	2107	2095	2119
65	1990	1990	1983	1969	1990
70	1881	1872	1855	1829	1855
75	1744	1721	1687	1653	1687
80	1597	1529	1495	1444	1478
85	1388	1219	1151	1050	1083

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

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	86	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	47	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	980*	980	980	980	980
2.5	979	978	979	978	978
5.0	975	974	975	974	973
7.5	967	967	967	966	965
10.0	957	956	956	956	956
12.5	946	944	944	942	942
15.0	930	928	928	926	926
17.5	912	911	910	908	908
20.0	891	889	889	886	886
22.5	868	867	867	864	864
25.0	842	841	841	838	838
27.5	814	813	814	811	811
30.0	784	783	785	782	783
32.5	753	752	753	752	753
35.0	719	718	720	720	721
37.5	685	684	687	687	689
40.0	650	648	652	653	655
42.5	614	613	616	618	621
45.0	577	577	580	583	586
47.5	541	540	544	547	549
50.0	504	504	508	509	511
52.5	467	466	470	470	473
55.0	429	428	432	431	435
57.5	392	392	395	393	397
60.0	356	355	357	355	359
62.5	320	320	320	318	322
65.0	285	285	284	282	285
67.5	251	250	248	246	249
70.0	218	217	215	212	215
72.5	184	183	181	178	182
75.0	153	151	148	145	148
77.5	123	120	118	115	117
80.0	94	90	88	85	87
82.5	66	62	61	58	59
85.0	41	36	34	31	32
87.5	17	14	13	12	13
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE