

LUMINAIRE: VSY22-35VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00856
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4614
WATTS: 32.33
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 #23446

DATE: 5/31/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 143

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.67

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

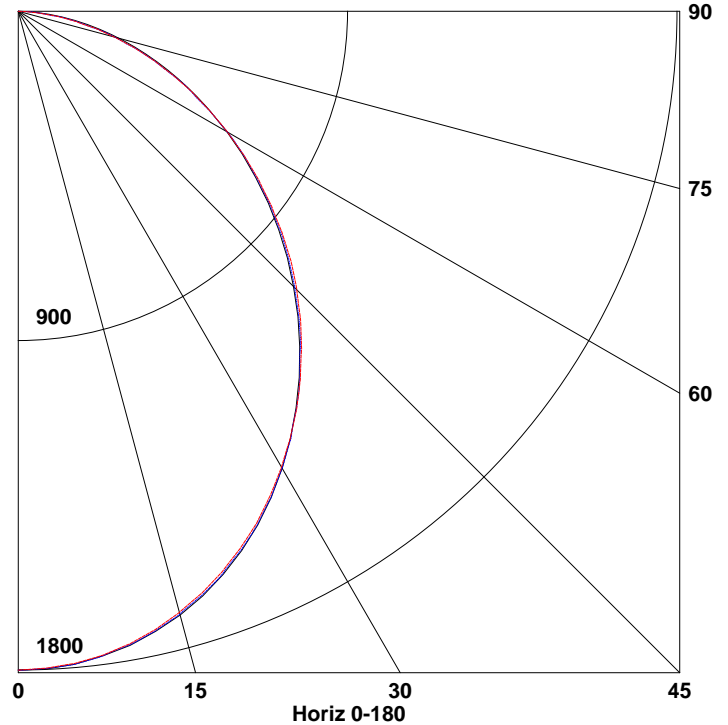
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1362	29.5	29.5
0-40	2190	47.5	47.5
0-60	3726	80.8	80.8
0-90	4614	100.0	100.0
0-180	4614	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5311	5311	5311	5311	5311
30	4913	4903	4913	4899	4899
40	4607	4599	4618	4622	4637
45	4436	4431	4456	4469	4490
50	4264	4260	4287	4301	4319
55	4074	4069	4100	4084	4120
60	3883	3877	3889	3865	3895
65	3679	3679	3658	3623	3665
70	3477	3459	3416	3364	3416
75	3238	3181	3124	3055	3112
80	2940	2838	2753	2651	2719
85	2539	2268	2167	1930	1997

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 180.0

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	89	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	48	61	54	48	59	52	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	41	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	30	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	27	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	1800*	1800	1800	1800	1800
2.5	1798	1797	1797	1797	1796
5.0	1790	1789	1790	1788	1788
7.5	1776	1775	1776	1774	1774
10.0	1759	1757	1757	1755	1755
12.5	1735	1733	1733	1730	1730
15.0	1708	1706	1705	1702	1700
17.5	1675	1672	1672	1667	1667
20.0	1637	1634	1634	1629	1629
22.5	1595	1593	1592	1587	1587
25.0	1548	1546	1546	1541	1542
27.5	1497	1494	1497	1490	1491
30.0	1442	1439	1442	1438	1438
32.5	1384	1382	1386	1382	1383
35.0	1323	1321	1325	1323	1326
37.5	1261	1259	1264	1263	1266
40.0	1196	1194	1199	1200	1204
42.5	1131	1129	1135	1137	1141
45.0	1063	1062	1068	1071	1076
47.5	997	995	1002	1006	1011
50.0	929	928	934	937	941
52.5	861	860	866	866	871
55.0	792	791	797	794	801
57.5	725	724	729	724	731
60.0	658	657	659	655	660
62.5	591	591	590	585	591
65.0	527	527	524	519	525
67.5	463	462	458	452	459
70.0	403	401	396	390	396
72.5	342	339	333	328	333
75.0	284	279	274	268	273
77.5	228	222	216	210	215
80.0	173	167	162	156	160
82.5	123	115	111	105	108
85.0	75	67	64	57	59
87.5	31	25	22	21	22
90.0	1	0	1	0	0

*MAXIMUM CANDELA VALUE