

LUMINAIRE: VSY22-40VLHE-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: 4690
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 #23447

DATE: 5/31/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 145

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.63

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

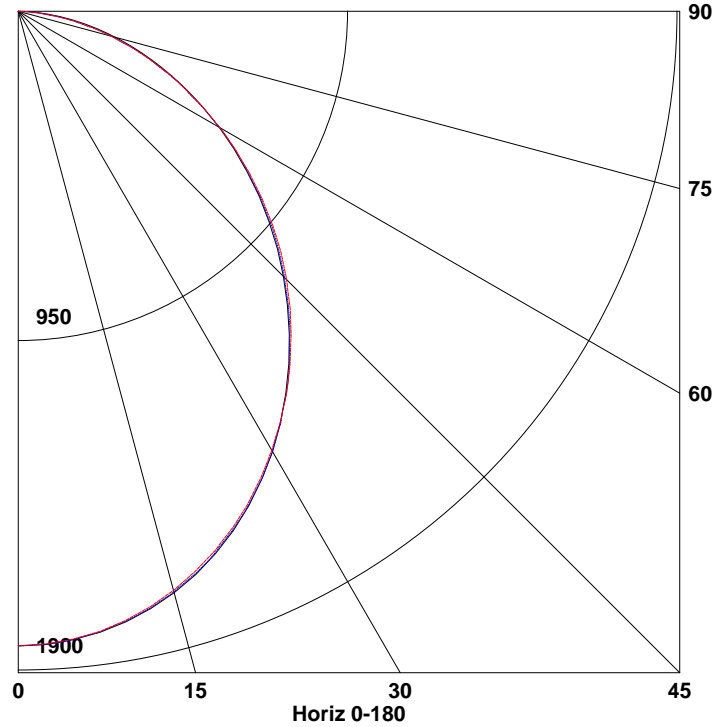
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1384	29.5	29.5
0-40	2226	47.5	47.5
0-60	3787	80.8	80.8
0-90	4690	100.0	100.0
0-180	4690	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5400	5400	5400	5400	5400
30	4995	4984	4995	4981	4981
40	4684	4676	4695	4699	4714
45	4511	4507	4532	4544	4565
50	4333	4329	4356	4370	4393
55	4141	4136	4172	4156	4187
60	3948	3942	3954	3930	3960
65	3742	3742	3714	3679	3728
70	3537	3511	3468	3416	3468
75	3295	3226	3169	3101	3158
80	2991	2889	2804	2685	2770
85	2573	2302	2201	1964	2031

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	97	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	75	80	76	73	71
	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
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
	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	1830*	1830	1830	1830	1830
2.5	1828	1827	1827	1827	1826
5.0	1819	1818	1819	1817	1817
7.5	1806	1805	1806	1804	1804
10.0	1788	1786	1786	1784	1784
12.5	1764	1762	1762	1759	1759
15.0	1736	1734	1733	1730	1729
17.5	1703	1700	1700	1694	1694
20.0	1664	1661	1661	1656	1656
22.5	1621	1619	1618	1613	1613
25.0	1573	1571	1571	1566	1567
27.5	1521	1519	1521	1515	1516
30.0	1466	1463	1466	1462	1462
32.5	1407	1405	1409	1405	1406
35.0	1345	1343	1347	1345	1348
37.5	1282	1280	1285	1284	1287
40.0	1216	1214	1219	1220	1224
42.5	1149	1147	1153	1156	1160
45.0	1081	1080	1086	1089	1094
47.5	1014	1012	1019	1022	1027
50.0	944	943	949	952	957
52.5	875	874	880	880	886
55.0	805	804	811	808	814
57.5	737	736	741	736	743
60.0	669	668	670	666	671
62.5	601	601	600	595	601
65.0	536	536	532	527	534
67.5	471	470	466	460	467
70.0	410	407	402	396	402
72.5	348	345	339	333	339
75.0	289	283	278	272	277
77.5	231	226	220	214	219
80.0	176	170	165	158	163
82.5	125	117	113	106	109
85.0	76	68	65	58	60
87.5	31	25	22	21	22
90.0	1	0	1	0	0

*MAXIMUM CANDELA VALUE