

LUMINAIRE: VSY12-35VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00998
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4413
WATTS: 32.68
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 #23444
 DATE: 6/11/2019

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 = \$1.79
BASED ON 3000 HRS. AND \$.08 PER KWH

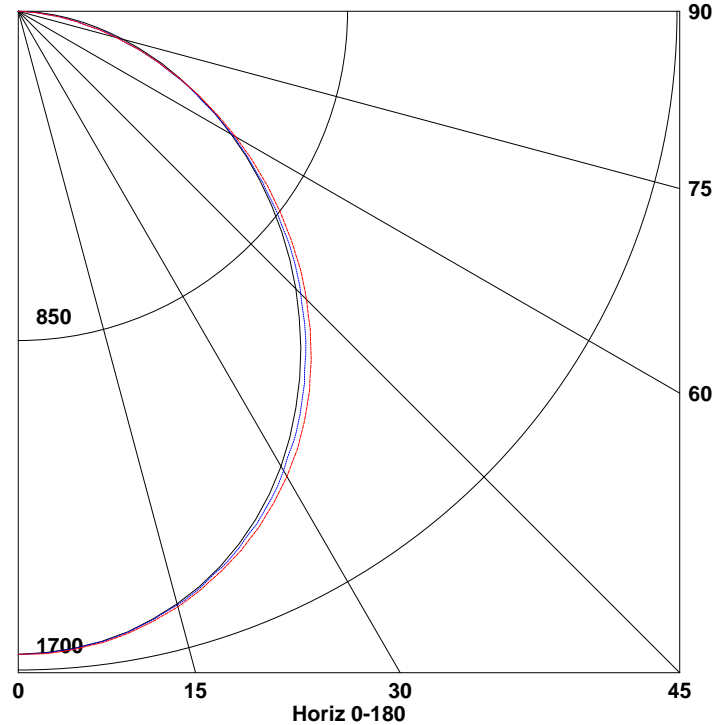
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1276	28.9	28.9
0-40	2069	46.9	46.9
0-60	3553	80.5	80.5
0-90	4413	100.0	100.0
0-180	4413	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	10746	10746	10746	10746	10746
30	10143	10150	10240	10322	10367
40	9589	9614	9758	9868	9944
45	9280	9298	9445	9555	9637
50	8949	8979	9090	9191	9271
55	8594	8617	8696	8775	8865
60	8214	8214	8266	8304	8395
65	7832	7786	7771	7771	7878
70	7462	7311	7254	7197	7292
75	7008	6783	6632	6482	6582
80	6491	6043	5819	5558	5633
85	5723	4831	4311	3716	3791

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%					
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
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	63	58	53	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41
	7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27

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	1659*	1659	1659	1659	1659
2.5	1656	1656	1657	1659	1659
5.0	1650	1650	1651	1653	1653
7.5	1640	1640	1641	1643	1644
10.0	1626	1626	1627	1629	1630
12.5	1606	1606	1608	1610	1612
15.0	1583	1583	1586	1589	1591
17.5	1556	1555	1560	1563	1565
20.0	1524	1524	1529	1533	1536
22.5	1488	1488	1495	1501	1505
25.0	1448	1448	1458	1465	1469
27.5	1404	1404	1416	1424	1429
30.0	1356	1357	1369	1380	1386
32.5	1304	1306	1320	1331	1340
35.0	1249	1252	1268	1280	1288
37.5	1193	1195	1213	1226	1234
40.0	1134	1137	1154	1167	1176
42.5	1073	1076	1094	1106	1115
45.0	1013	1015	1031	1043	1052
47.5	951	953	969	979	988
50.0	888	891	902	912	920
52.5	824	826	836	846	853
55.0	761	763	770	777	785
57.5	698	698	703	709	716
60.0	634	634	638	641	648
62.5	573	571	572	573	580
65.0	511	508	507	507	514
67.5	451	446	444	442	448
70.0	394	386	383	380	385
72.5	336	328	323	319	323
75.0	280	271	265	259	263
77.5	227	215	209	203	206
80.0	174	162	156	149	151
82.5	124	112	105	97	99
85.0	77	65	58	50	51
87.5	34	23	19	16	17
90.0	1	0	0	0	1

*MAXIMUM CANDELA VALUE