

LUMINAIRE: VSY12-30VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4306
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: 0.86
 HEIGHT: 0.00

TEST #19.00998
 DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 132

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.85
BASED ON 3000 HRS. AND \$.08 PER KWH

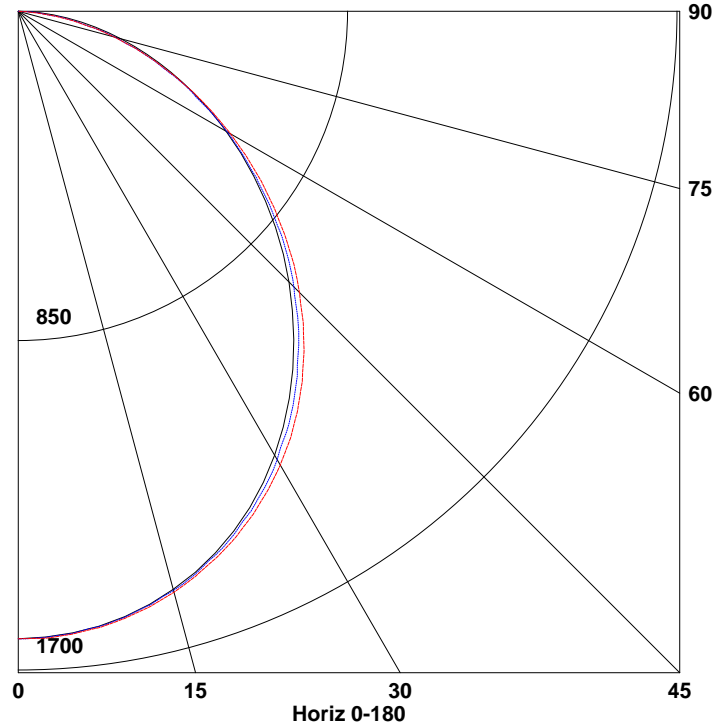
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1245	28.9	28.9
0-40	2018	46.9	46.9
0-60	3467	80.5	80.5
0-90	4306	100.0	100.0
0-180	4306	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	10609	10609	10609	10609	10609
30	10011	10018	10109	10185	10230
40	9461	9487	9632	9743	9812
45	9156	9175	9323	9434	9508
50	8829	8859	8971	9073	9155
55	8477	8500	8580	8660	8751
60	8113	8113	8152	8191	8283
65	7737	7691	7675	7675	7768
70	7357	7223	7166	7108	7204
75	6912	6684	6558	6406	6507
80	6415	5963	5736	5472	5547
85	5639	4737	4286	3684	3759

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1700 ———

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	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60	60
R	4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	52	46	41	39
	7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

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	1619*	1619	1619	1619	1619
2.5	1616	1616	1617	1619	1619
5.0	1610	1610	1611	1613	1613
7.5	1600	1600	1601	1603	1604
10.0	1586	1586	1587	1589	1590
12.5	1567	1567	1569	1571	1573
15.0	1544	1544	1547	1550	1552
17.5	1518	1517	1522	1525	1527
20.0	1487	1487	1492	1496	1499
22.5	1452	1452	1459	1464	1468
25.0	1413	1413	1422	1429	1433
27.5	1370	1370	1381	1389	1394
30.0	1323	1324	1336	1346	1352
32.5	1272	1274	1288	1299	1307
35.0	1219	1221	1237	1249	1257
37.5	1164	1166	1183	1196	1204
40.0	1106	1109	1126	1139	1147
42.5	1047	1050	1067	1079	1088
45.0	988	990	1006	1018	1026
47.5	928	930	945	955	964
50.0	866	869	880	890	898
52.5	804	806	816	825	832
55.0	742	744	751	758	766
57.5	681	681	686	692	699
60.0	619	619	622	625	632
62.5	559	557	558	559	566
65.0	499	496	495	495	501
67.5	440	435	433	431	437
70.0	384	377	374	371	376
72.5	328	320	315	311	315
75.0	273	264	259	253	257
77.5	221	210	204	198	201
80.0	170	158	152	145	147
82.5	121	109	102	95	97
85.0	75	63	57	49	50
87.5	33	22	19	16	17
90.0	1	0	0	0	1

*MAXIMUM CANDELA VALUE