

LUMINAIRE: VSY24-30VWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.00980
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3135
WATTS: 25.19
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.20
LUMINOUS OPENING IN FEET
 LENGTH: 3.92
 WIDTH: 1.90
 HEIGHT: 0.00

TEST #23366
 DATE: 6/10/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 124

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.92
BASED ON 3000 HRS. AND \$.08 PER KWH

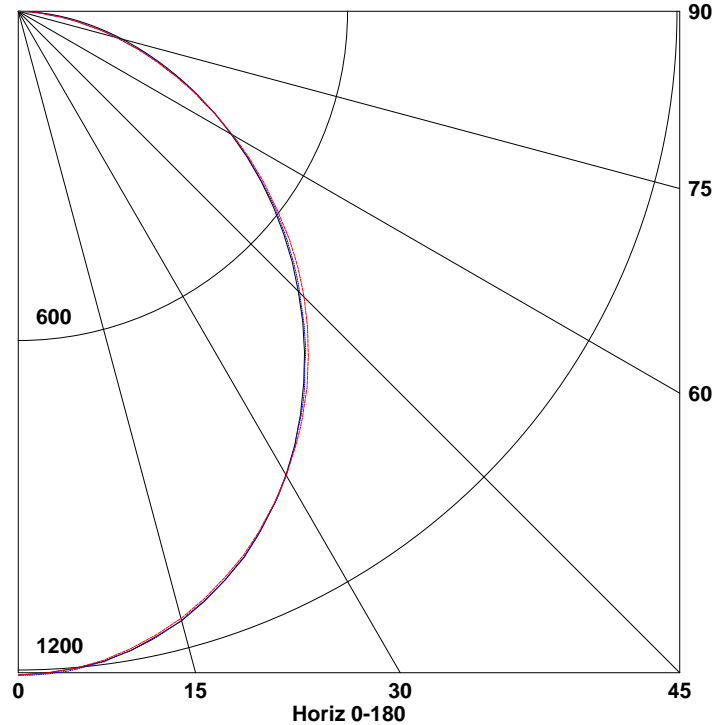
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	918	29.3	29.3
0-40	1480	47.2	47.2
0-60	2526	80.6	80.6
0-90	3135	100.0	100.0
0-180	3135	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1747	1747	1747	1747	1747
30	1627	1625	1629	1627	1629
40	1530	1528	1536	1541	1551
45	1474	1472	1482	1492	1504
50	1419	1419	1428	1437	1448
55	1361	1356	1366	1368	1381
60	1295	1292	1298	1292	1304
65	1231	1228	1224	1211	1224
70	1166	1162	1145	1124	1137
75	1094	1078	1050	1022	1033
80	1015	974	932	891	899
85	912	813	730	647	663

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1200

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%		
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	71	66	62	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	63	58	54	51
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	57	51	47	45
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	31
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	28
	10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	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: _____

LUMINAIRE: VSY24-30VWHE-EDU
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 2' x 4' Led with acrylic diffuser
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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1209*	1209	1209	1209	1209
2.5	1206	1208	1208	1208	1206
5.0	1201	1202	1203	1202	1201
7.5	1194	1194	1195	1194	1192
10.0	1182	1182	1182	1181	1179
12.5	1166	1167	1167	1165	1163
15.0	1149	1149	1149	1146	1145
17.5	1127	1127	1126	1124	1123
20.0	1102	1102	1102	1099	1098
22.5	1076	1075	1075	1073	1072
25.0	1044	1044	1044	1042	1042
27.5	1011	1010	1011	1009	1010
30.0	975	974	976	975	976
32.5	937	935	938	938	940
35.0	896	895	898	900	903
37.5	854	853	857	859	864
40.0	811	810	814	817	822
42.5	767	766	770	774	780
45.0	721	720	725	730	736
47.5	677	676	681	685	691
50.0	631	631	635	639	644
52.5	586	585	590	591	595
55.0	540	538	542	543	548
57.5	494	493	496	495	500
60.0	448	447	449	447	451
62.5	404	403	403	400	404
65.0	360	359	358	354	358
67.5	317	316	314	309	312
70.0	276	275	271	266	269
72.5	236	234	229	224	226
75.0	196	193	188	183	185
77.5	158	154	149	144	146
80.0	122	117	112	107	108
82.5	88	82	77	71	73
85.0	55	49	44	39	40
87.5	24	19	18	16	18
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE