

LUMINAIRE: VSY14-50LWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.00990
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4429
WATTS: 33.29
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.23
LUMINOUS OPENING IN FEET
 LENGTH: 3.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23385
 DATE: 6/4/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 133

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

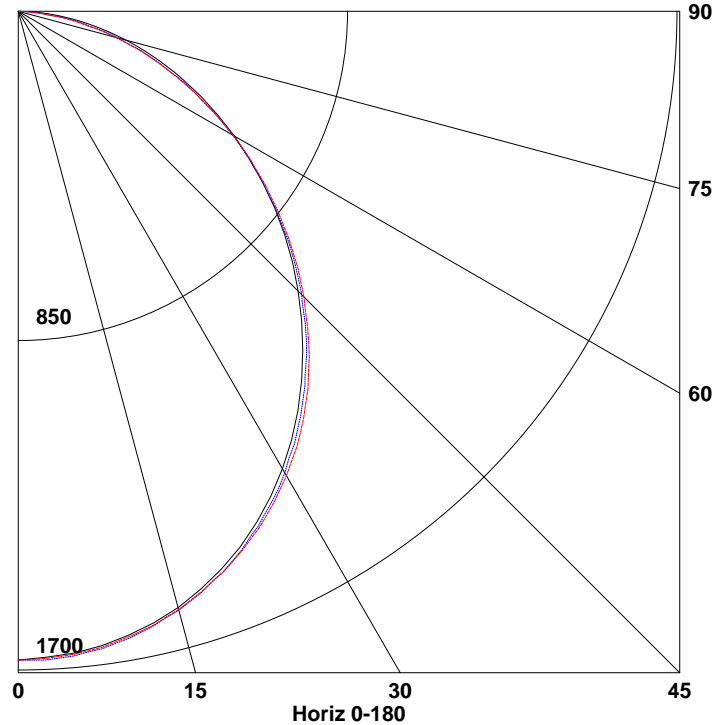
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1283	29.0	29.0
0-40	2076	46.9	46.9
0-60	3562	80.4	80.4
0-90	4429	100.0	100.0
0-180	4429	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5297	5297	5297	5297	5297
30	4980	4987	5024	5031	5057
40	4717	4725	4779	4792	4825
45	4569	4578	4627	4632	4663
50	4416	4426	4450	4455	4485
55	4248	4253	4248	4253	4281
60	4076	4063	4038	4031	4057
65	3893	3856	3811	3774	3796
70	3719	3636	3562	3497	3525
75	3509	3362	3264	3167	3191
80	3280	3025	2879	2733	2752
85	2941	2433	2178	1888	1924

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	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	79	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	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	38	64	51	43	37	50	43	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: _____

LUMINAIRE: VSY14-50LWHE-EDU
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 1' 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	1674	1674	1674	1674	1674
2.5	1668	1671	1675*	1671	1671
5.0	1662	1665	1669	1664	1665
7.5	1651	1654	1659	1654	1655
10.0	1635	1638	1643	1638	1639
12.5	1616	1618	1623	1619	1621
15.0	1593	1595	1600	1596	1598
17.5	1564	1566	1572	1568	1571
20.0	1532	1534	1541	1537	1541
22.5	1496	1498	1505	1503	1507
25.0	1455	1457	1466	1464	1471
27.5	1411	1413	1422	1423	1429
30.0	1363	1365	1375	1377	1384
32.5	1312	1314	1325	1328	1336
35.0	1258	1260	1271	1276	1283
37.5	1201	1203	1215	1220	1228
40.0	1142	1144	1157	1160	1168
42.5	1082	1084	1096	1098	1105
45.0	1021	1023	1034	1035	1042
47.5	960	962	970	971	978
50.0	897	899	904	905	911
52.5	834	835	837	839	844
55.0	770	771	770	771	776
57.5	707	707	704	704	709
60.0	644	642	638	637	641
62.5	581	579	573	570	574
65.0	520	515	509	504	507
67.5	460	453	446	440	443
70.0	402	393	385	378	381
72.5	344	334	325	318	321
75.0	287	275	267	259	261
77.5	233	220	211	202	204
80.0	180	166	158	150	151
82.5	129	115	107	99	100
85.0	81	67	60	52	53
87.5	37	25	20	18	19
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE