

LUMINAIRE: VSY24-30LWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.00978
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4205
WATTS: 33.33
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 #23380

DATE: 5/31/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 126

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.89

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

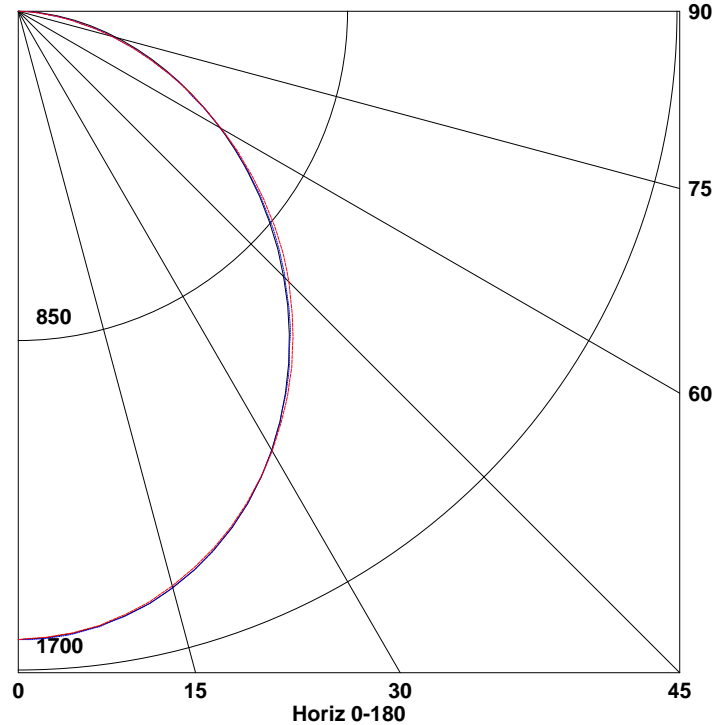
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1232	29.3	29.3
0-40	1985	47.2	47.2
0-60	3387	80.6	80.6
0-90	4205	100.0	100.0
0-180	4205	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2343	2343	2343	2343	2343
30	2183	2179	2183	2183	2186
40	2053	2047	2060	2068	2081
45	1978	1974	1989	2003	2017
50	1902	1900	1916	1927	1943
55	1822	1817	1832	1834	1849
60	1737	1734	1740	1734	1749
65	1652	1648	1638	1624	1641
70	1568	1559	1538	1513	1525
75	1474	1446	1413	1374	1390
80	1357	1307	1248	1190	1207
85	1211	1061	995	879	895

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1700

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	54	63	58	54	51
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47	45
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33	31
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	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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 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	1621*	1621	1621	1621	1621
2.5	1618	1619	1620	1619	1617
5.0	1611	1613	1613	1612	1610
7.5	1600	1602	1602	1601	1599
10.0	1584	1585	1585	1584	1581
12.5	1565	1566	1565	1563	1561
15.0	1540	1540	1539	1537	1535
17.5	1511	1511	1511	1508	1506
20.0	1478	1478	1478	1475	1474
22.5	1442	1441	1441	1438	1438
25.0	1401	1400	1401	1398	1398
27.5	1356	1355	1356	1354	1355
30.0	1308	1306	1308	1308	1310
32.5	1256	1254	1258	1258	1261
35.0	1202	1200	1204	1206	1211
37.5	1146	1144	1149	1153	1159
40.0	1088	1085	1092	1096	1103
42.5	1029	1027	1033	1038	1045
45.0	968	966	973	980	987
47.5	908	907	914	919	927
50.0	846	845	852	857	864
52.5	785	784	790	793	799
55.0	723	721	727	728	734
57.5	662	661	665	664	670
60.0	601	600	602	600	605
62.5	541	540	540	537	542
65.0	483	482	479	475	480
67.5	426	425	421	416	420
70.0	371	369	364	358	361
72.5	316	313	307	301	304
75.0	264	259	253	246	249
77.5	213	207	201	193	196
80.0	163	157	150	143	145
82.5	117	109	103	97	98
85.0	73	64	60	53	54
87.5	33	24	22	21	22
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE