

LUMINAIRE: VSY14-35LWHE-EDU
 Verify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4355
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 #19.00990
 DATE: 6/4/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 131

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.82
BASED ON 3000 HRS. AND \$.08 PER KWH

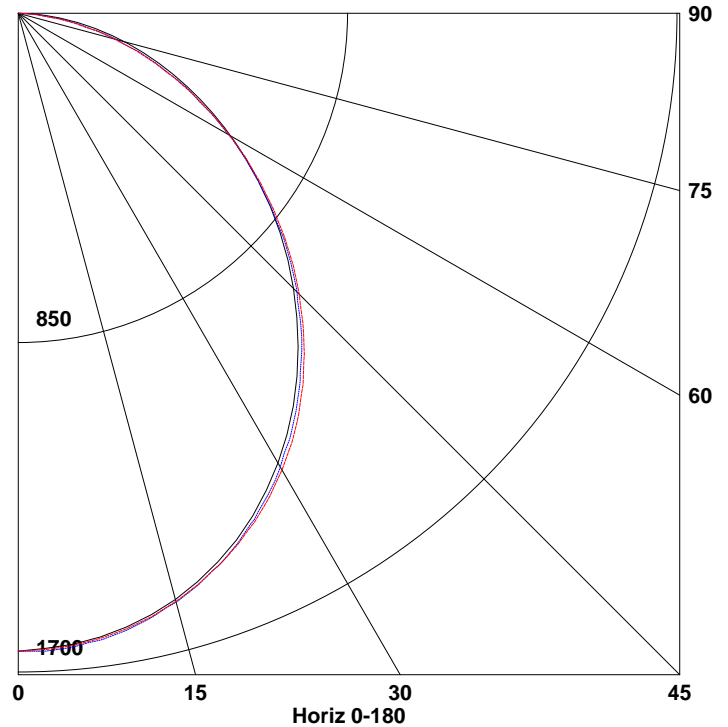
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1261	29.0	29.0
0-40	2042	46.9	46.9
0-60	3503	80.4	80.4
0-90	4355	100.0	100.0
0-180	4355	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5208	5208	5208	5208	5208
30	4896	4903	4940	4947	4973
40	4639	4647	4701	4713	4742
45	4493	4502	4551	4556	4587
50	4342	4352	4376	4381	4411
55	4176	4182	4176	4182	4209
60	4006	3993	3968	3962	3987
65	3826	3789	3744	3714	3736
70	3654	3571	3506	3442	3469
75	3448	3301	3215	3118	3142
80	3225	2970	2825	2679	2697
85	2905	2396	2142	1852	1888

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1700

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	47	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1646	1646	1646	1646	1646
2.5	1640	1643	1647*	1643	1643
5.0	1634	1637	1641	1636	1637
7.5	1623	1626	1631	1626	1627
10.0	1608	1611	1616	1611	1612
12.5	1589	1591	1596	1592	1594
15.0	1566	1568	1573	1569	1571
17.5	1538	1540	1546	1542	1545
20.0	1506	1508	1515	1511	1515
22.5	1471	1473	1480	1478	1482
25.0	1431	1433	1441	1440	1446
27.5	1387	1389	1398	1399	1405
30.0	1340	1342	1352	1354	1361
32.5	1290	1292	1303	1306	1314
35.0	1237	1239	1250	1255	1262
37.5	1181	1183	1195	1200	1207
40.0	1123	1125	1138	1141	1148
42.5	1064	1066	1078	1080	1087
45.0	1004	1006	1017	1018	1025
47.5	944	946	954	955	962
50.0	882	884	889	890	896
52.5	820	821	823	825	830
55.0	757	758	757	758	763
57.5	695	695	692	692	697
60.0	633	631	627	626	630
62.5	571	569	563	560	564
65.0	511	506	500	496	499
67.5	452	445	439	433	436
70.0	395	386	379	372	375
72.5	338	328	320	313	316
75.0	282	270	263	255	257
77.5	229	216	207	199	201
80.0	177	163	155	147	148
82.5	127	113	105	97	98
85.0	80	66	59	51	52
87.5	36	25	20	18	19
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE