

LUMINAIRE: VSY14-30HLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01010
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4987
WATTS: 38.46
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 #23393
 DATE: 6/7/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 130

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.83
BASED ON 3000 HRS. AND \$.08 PER KWH

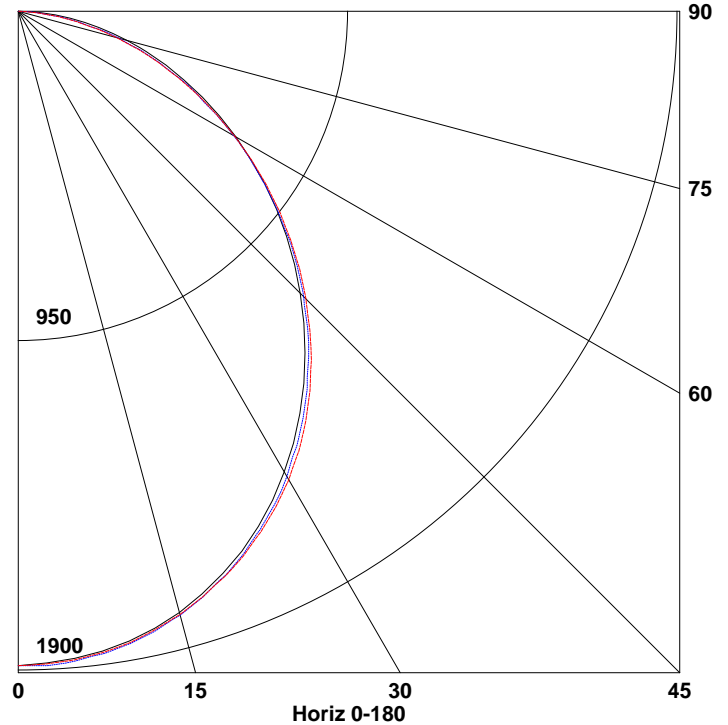
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1445	29.0	29.0
0-40	2339	46.9	46.9
0-60	4012	80.5	80.5
0-90	4987	100.0	100.0
0-180	4987	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5971	5971	5971	5971	5971
30	5605	5616	5660	5671	5700
40	5312	5320	5382	5399	5432
45	5146	5160	5209	5218	5249
50	4972	4982	5011	5016	5046
55	4789	4794	4783	4789	4822
60	4588	4576	4538	4525	4563
65	4388	4343	4283	4245	4275
70	4191	4080	4006	3941	3969
75	3949	3778	3680	3570	3594
80	3699	3389	3225	3061	3098
85	3340	2759	2433	2142	2142

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 190.0

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	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	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	49	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: VSY14-30HLHE-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	1887	1887	1887	1887	1887
2.5	1881	1883	1889*	1883	1884
5.0	1873	1876	1881	1876	1877
7.5	1861	1863	1869	1863	1865
10.0	1844	1846	1852	1847	1849
12.5	1822	1823	1830	1825	1826
15.0	1795	1797	1803	1799	1801
17.5	1762	1765	1771	1768	1770
20.0	1725	1728	1735	1732	1736
22.5	1685	1688	1695	1693	1699
25.0	1639	1642	1650	1650	1656
27.5	1589	1592	1602	1603	1610
30.0	1534	1537	1549	1552	1560
32.5	1477	1480	1492	1496	1505
35.0	1416	1418	1432	1438	1445
37.5	1353	1355	1369	1375	1382
40.0	1286	1288	1303	1307	1315
42.5	1219	1221	1235	1238	1244
45.0	1150	1153	1164	1166	1173
47.5	1081	1083	1092	1093	1101
50.0	1010	1012	1018	1019	1025
52.5	939	940	943	944	950
55.0	868	869	867	868	874
57.5	795	795	792	792	797
60.0	725	723	717	715	721
62.5	655	651	644	640	645
65.0	586	580	572	567	571
67.5	517	509	502	495	499
70.0	453	441	433	426	429
72.5	387	375	366	358	361
75.0	323	309	301	292	294
77.5	263	247	237	228	230
80.0	203	186	177	168	170
82.5	146	129	120	111	111
85.0	92	76	67	59	59
87.5	42	27	22	21	21
90.0	1	1	1	1	1

*MAXIMUM CANDELA VALUE