

LUMINAIRE: VSY14-30XLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
BALLAST: XI075C200V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 8249
WATTS: 60.98
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 #19.01012
 DATE: 6/12/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 135
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.78
BASED ON 3000 HRS. AND \$.08 PER KWH

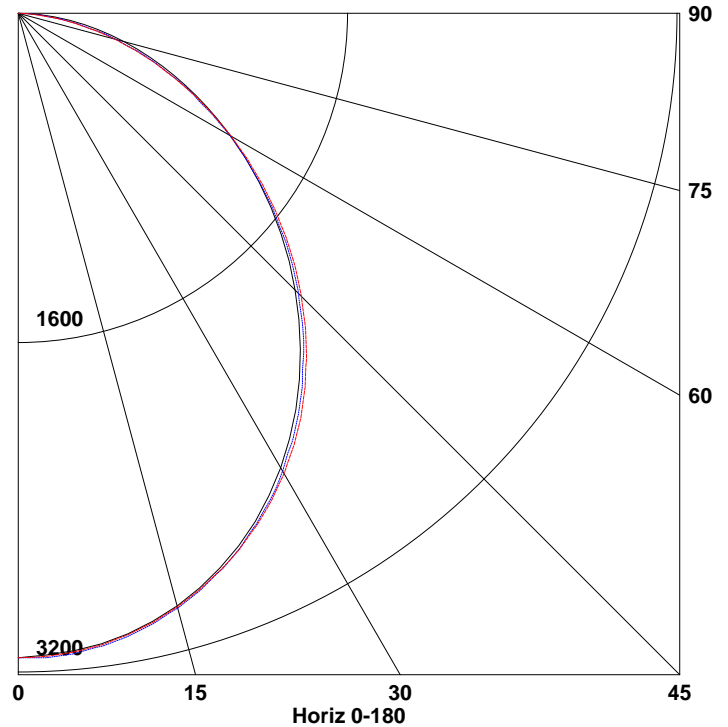
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2397	29.1	29.1
0-40	3879	47.0	47.0
0-60	6644	80.5	80.5
0-90	8249	100.0	100.0
0-180	8249	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	9904	9904	9904	9904	9904
30	9314	9324	9383	9390	9434
40	8802	8815	8910	8939	8997
45	8507	8520	8614	8641	8699
50	8201	8216	8275	8310	8369
55	7872	7878	7894	7922	7983
60	7531	7512	7493	7487	7550
65	7180	7120	7061	7008	7068
70	6846	6708	6606	6495	6550
75	6468	6223	6052	5868	5917
80	6050	5594	5303	5029	5084
85	5482	4538	4030	3486	3522

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
RW	70%	50%	30%	10%	70%	50%	30%	10%	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	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	53	51
C	5	77	64	55	48	75	63	54	48	61	53	48	59	52	47	57	51	47	45
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	42	52	46	41	39
	7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	39	33	45	38	33	43	37	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	52	40	33	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: VSY14-30XLHE-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	3130	3130	3130	3130	3130
2.5	3120	3125	3133*	3125	3126
5.0	3108	3113	3122	3113	3114
7.5	3089	3092	3101	3092	3094
10.0	3061	3064	3073	3063	3065
12.5	3024	3027	3036	3027	3029
15.0	2980	2983	2991	2982	2985
17.5	2927	2930	2939	2930	2934
20.0	2866	2869	2879	2871	2877
22.5	2799	2802	2812	2807	2814
25.0	2724	2727	2738	2735	2743
27.5	2639	2642	2657	2656	2666
30.0	2549	2552	2568	2570	2582
32.5	2452	2455	2473	2478	2491
35.0	2350	2353	2373	2380	2394
37.5	2243	2246	2267	2275	2289
40.0	2131	2134	2157	2164	2178
42.5	2017	2020	2043	2049	2063
45.0	1901	1904	1925	1931	1944
47.5	1785	1788	1805	1812	1824
50.0	1666	1669	1681	1688	1700
52.5	1547	1549	1557	1563	1574
55.0	1427	1428	1431	1436	1447
57.5	1308	1307	1307	1309	1320
60.0	1190	1187	1184	1183	1193
62.5	1073	1068	1062	1058	1067
65.0	959	951	943	936	944
67.5	847	836	826	816	823
70.0	740	725	714	702	708
72.5	633	616	602	589	594
75.0	529	509	495	480	484
77.5	429	406	391	376	379
80.0	332	307	291	276	279
82.5	240	213	198	183	185
85.0	151	125	111	96	97
87.5	69	46	41	38	41
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE