

LUMINAIRE: VSY24-30XLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
BALLAST: XI075C200V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 7711
WATTS: 59.90
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 #19.01006
 DATE: 6/12/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 129

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.86
BASED ON 3000 HRS. AND \$.08 PER KWH

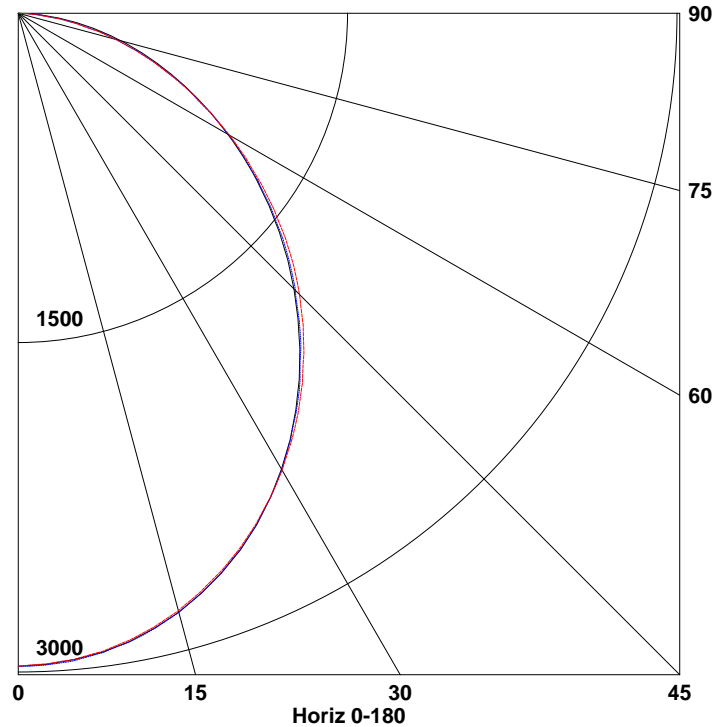
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2259	29.3	29.3
0-40	3641	47.2	47.2
0-60	6212	80.6	80.6
0-90	7711	100.0	100.0
0-180	7711	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4297	4297	4297	4297	4297
30	4000	3997	4003	4002	4008
40	3764	3756	3777	3796	3817
45	3628	3622	3646	3673	3701
50	3489	3485	3512	3534	3564
55	3341	3333	3361	3366	3394
60	3185	3179	3191	3182	3208
65	3026	3020	3006	2985	3013
70	2873	2856	2818	2776	2802
75	2697	2647	2591	2524	2552
80	2497	2389	2297	2189	2222
85	2222	1973	1807	1592	1625

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 3000

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	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: _____

LUMINAIRE: VSY24-30XLHE-EDU
Versify™ Architectural Edge Lit, Recessed Architectural
2' x 4' Led with acrylic diffuser

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DATE: 6/12/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2973*	2973	2973	2973	2973
2.5	2967	2970	2970	2970	2965
5.0	2954	2957	2958	2957	2952
7.5	2934	2937	2937	2935	2931
10.0	2906	2907	2907	2904	2900
12.5	2868	2870	2869	2865	2862
15.0	2824	2824	2823	2819	2816
17.5	2770	2771	2770	2764	2762
20.0	2710	2710	2709	2703	2702
22.5	2644	2642	2642	2637	2636
25.0	2569	2567	2568	2564	2564
27.5	2486	2483	2486	2484	2485
30.0	2397	2395	2399	2398	2402
32.5	2303	2300	2307	2308	2314
35.0	2204	2201	2209	2213	2222
37.5	2101	2098	2107	2114	2125
40.0	1995	1991	2002	2012	2023
42.5	1885	1883	1894	1905	1919
45.0	1775	1772	1784	1797	1811
47.5	1665	1662	1675	1687	1701
50.0	1552	1550	1562	1572	1585
52.5	1439	1436	1448	1455	1467
55.0	1326	1323	1334	1336	1347
57.5	1214	1211	1220	1218	1229
60.0	1102	1100	1104	1101	1110
62.5	992	991	991	986	995
65.0	885	883	879	873	881
67.5	780	777	771	763	770
70.0	680	676	667	657	663
72.5	580	574	564	553	558
75.0	483	474	464	452	457
77.5	390	379	368	356	360
80.0	300	287	276	263	267
82.5	214	200	189	177	179
85.0	134	119	109	96	98
87.5	60	45	41	39	41
90.0	2	1	1	1	2

*MAXIMUM CANDELA VALUE