

LUMINAIRE: VSY14-40XLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01012
BALLAST: XI075C200V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 8595
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 #23406
 DATE: 6/12/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 141

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.70
BASED ON 3000 HRS. AND \$.08 PER KWH

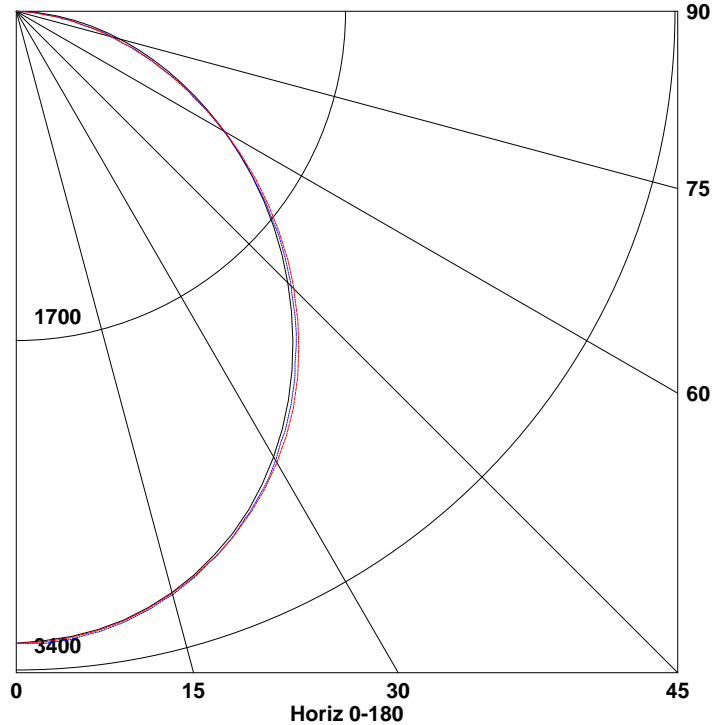
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2498	29.1	29.1
0-40	4042	47.0	47.0
0-60	6923	80.5	80.5
0-90	8595	100.0	100.0
0-180	8595	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	10319	10319	10319	10319	10319
30	9704	9715	9778	9785	9829
40	9174	9187	9286	9315	9372
45	8865	8878	8977	9004	9066
50	8546	8561	8625	8659	8718
55	8203	8209	8225	8253	8319
60	7847	7828	7809	7803	7866
65	7480	7420	7360	7300	7368
70	7133	6985	6883	6763	6828
75	6737	6480	6309	6113	6162
80	6305	5831	5521	5248	5303
85	5700	4720	4212	3631	3667

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 180.0 ———

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%			
R	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
C	1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
R	2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71
C	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	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
C	7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
R	8	61	48	39	34	60	47	39	33	46	39	33	45	38	33	43	37	33	31
C	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
R	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: VSY14-40XLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01012

TEST #23406
 DATE: 6/12/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	3261	3261	3261	3261	3261
2.5	3251	3256	3265*	3256	3257
5.0	3239	3244	3253	3244	3245
7.5	3219	3222	3231	3222	3224
10.0	3190	3193	3202	3192	3194
12.5	3151	3154	3164	3154	3156
15.0	3105	3108	3117	3107	3110
17.5	3050	3053	3062	3053	3057
20.0	2986	2990	3000	2992	2998
22.5	2917	2920	2930	2925	2932
25.0	2838	2842	2853	2850	2858
27.5	2750	2753	2769	2768	2778
30.0	2656	2659	2676	2678	2690
32.5	2555	2558	2577	2582	2596
35.0	2449	2452	2473	2480	2495
37.5	2337	2340	2362	2371	2385
40.0	2221	2224	2248	2255	2269
42.5	2102	2105	2129	2135	2150
45.0	1981	1984	2006	2012	2026
47.5	1860	1863	1881	1888	1901
50.0	1736	1739	1752	1759	1771
52.5	1612	1614	1622	1629	1640
55.0	1487	1488	1491	1496	1508
57.5	1363	1362	1362	1364	1375
60.0	1240	1237	1234	1233	1243
62.5	1118	1113	1107	1102	1112
65.0	999	991	983	975	984
67.5	883	871	861	850	858
70.0	771	755	744	731	738
72.5	660	642	627	614	619
75.0	551	530	516	500	504
77.5	447	423	407	392	395
80.0	346	320	303	288	291
82.5	250	222	206	191	193
85.0	157	130	116	100	101
87.5	72	48	43	40	43
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE