

LUMINAIRE: VSY24-30VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01005
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 7016
WATTS: 48.78
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.21
LUMINOUS OPENING IN FEET
 LENGTH: 3.92
 WIDTH: 1.90
 HEIGHT: 0.00

TEST #23402
 DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 144

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.68
BASED ON 3000 HRS. AND \$.08 PER KWH

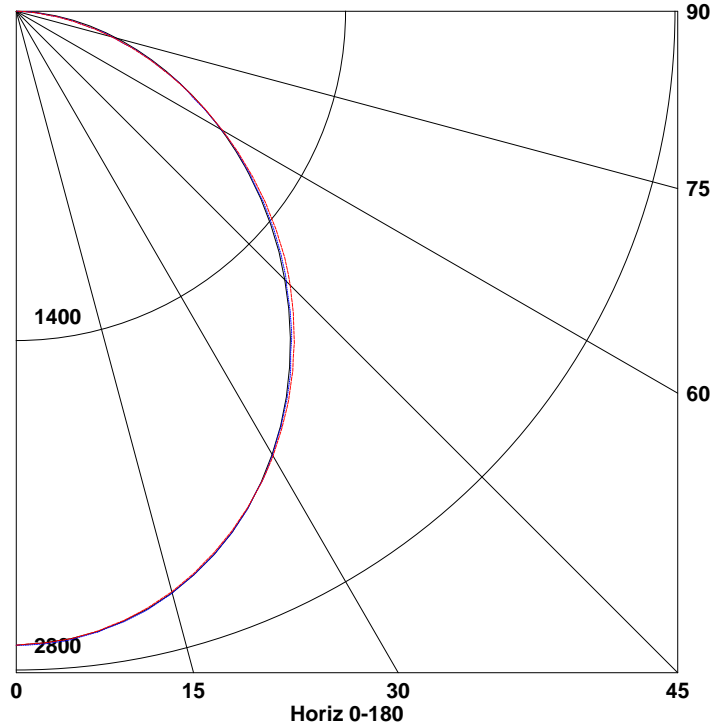
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2048	29.2	29.2
0-40	3304	47.1	47.1
0-60	5645	80.4	80.4
0-90	7016	100.0	100.0
0-180	7016	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3893	3893	3893	3893	3893
30	3630	3625	3635	3635	3641
40	3418	3415	3434	3451	3468
45	3299	3295	3317	3342	3364
50	3175	3170	3199	3217	3240
55	3044	3039	3064	3066	3092
60	2905	2899	2911	2905	2928
65	2760	2756	2749	2732	2753
70	2620	2607	2582	2544	2569
75	2468	2423	2373	2323	2345
80	2289	2189	2114	2031	2056
85	2040	1807	1691	1509	1542

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

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	80	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	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	34	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	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: VSY24-30VLHE-EDU
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 2' 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	2694*	2694	2694	2694	2694
2.5	2687	2691	2691	2691	2687
5.0	2676	2679	2680	2679	2676
7.5	2658	2660	2661	2659	2656
10.0	2632	2634	2634	2632	2629
12.5	2599	2601	2601	2597	2595
15.0	2559	2559	2560	2556	2554
17.5	2511	2511	2511	2508	2506
20.0	2457	2457	2457	2453	2451
22.5	2397	2395	2397	2393	2392
25.0	2329	2328	2330	2327	2327
27.5	2255	2253	2257	2255	2257
30.0	2175	2172	2178	2178	2182
32.5	2090	2088	2095	2097	2101
35.0	2001	1999	2007	2010	2018
37.5	1908	1906	1915	1921	1930
40.0	1812	1810	1820	1829	1838
42.5	1714	1712	1722	1733	1743
45.0	1614	1612	1623	1635	1646
47.5	1514	1512	1524	1535	1547
50.0	1412	1410	1423	1431	1441
52.5	1310	1308	1320	1325	1334
55.0	1208	1206	1216	1217	1227
57.5	1106	1104	1113	1111	1120
60.0	1005	1003	1007	1005	1013
62.5	905	903	904	900	908
65.0	807	806	804	799	805
67.5	712	710	705	698	705
70.0	620	617	611	602	608
72.5	530	525	516	508	512
75.0	442	434	425	416	420
77.5	356	347	338	327	331
80.0	275	263	254	244	247
82.5	197	183	175	165	167
85.0	123	109	102	91	93
87.5	56	42	37	36	38
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE