

LUMINAIRE: VSY12-50VWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1428
WATTS: 11.12
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.86
 HEIGHT: 0.00

TEST #19.01001
 DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 128

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.85
BASED ON 3000 HRS. AND \$.08 PER KWH

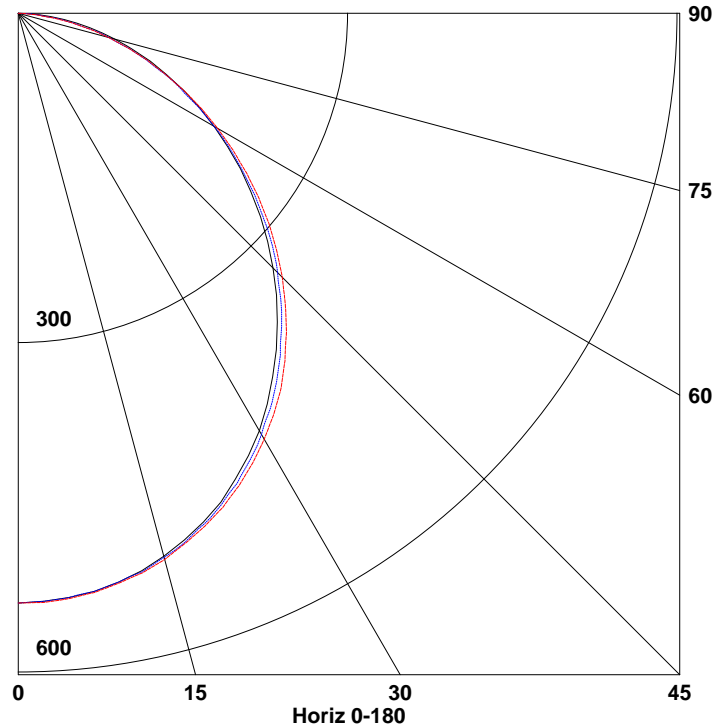
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	413	28.9	28.9
0-40	669	46.9	46.9
0-60	1149	80.5	80.5
0-90	1428	100.0	100.0
0-180	1428	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3519	3519	3519	3519	3519
30	3322	3322	3352	3375	3390
40	3139	3148	3191	3225	3251
45	3040	3040	3095	3123	3151
50	2936	2936	2977	3007	3038
55	2822	2822	2845	2868	2902
60	2700	2687	2700	2713	2752
65	2574	2543	2543	2543	2574
70	2452	2395	2376	2357	2395
75	2304	2228	2177	2127	2152
80	2151	1962	1925	1811	1849
85	1880	1579	1429	1203	1278

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
RW	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	86	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	79	76	73	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	62	60
R	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	53	51
C	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	47	44
R	71	58	49	42	69	57	48	42	55	47	42	53	46	41	52	46	41	41	39
7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	37	35
8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	30	28
10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	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: VSY12-50VWHE-EDU
Versify™ Architectural Edge Lit, Recessed Architectural
1' x 2' Led with acrylic diffuser

TEST #19.01001
DATE: 6/11/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	537*	537	537	537	537
2.5	536	536	536	537	537
5.0	534	534	534	535	535
7.5	531	531	531	532	532
10.0	526	526	526	527	527
12.5	520	520	521	521	522
15.0	512	512	513	514	515
17.5	503	503	505	506	506
20.0	493	493	495	496	497
22.5	482	482	484	485	487
25.0	468	469	472	473	475
27.5	454	454	458	460	462
30.0	439	439	443	446	448
32.5	422	422	427	431	433
35.0	404	405	410	414	417
37.5	386	387	392	396	399
40.0	367	368	373	377	380
42.5	348	348	354	357	360
45.0	328	328	334	337	340
47.5	308	309	314	316	319
50.0	288	288	292	295	298
52.5	267	268	271	273	276
55.0	247	247	249	251	254
57.5	226	226	228	229	232
60.0	206	205	206	207	210
62.5	186	185	185	185	188
65.0	166	164	164	164	166
67.5	146	144	144	143	145
70.0	128	125	124	123	125
72.5	109	106	105	103	105
75.0	91	88	86	84	85
77.5	74	70	68	66	67
80.0	57	52	51	48	49
82.5	40	36	34	32	32
85.0	25	21	19	16	17
87.5	11	7	7	6	6
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE