

LUMINAIRE: VSY24-30XWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2138
WATTS: 17.70
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 #19.01002
 DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 121

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.02
BASED ON 3000 HRS. AND \$.08 PER KWH

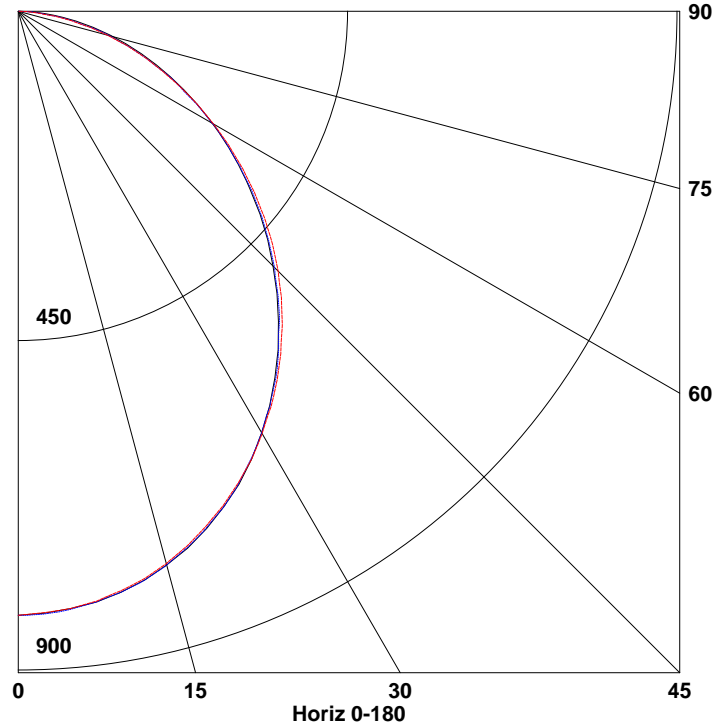
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	626	29.3	29.3
0-40	1010	47.2	47.2
0-60	1723	80.6	80.6
0-90	2138	100.0	100.0
0-180	2138	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1192	1192	1192	1192	1192
30	1110	1108	1110	1110	1111
40	1043	1041	1047	1051	1058
45	1006	1006	1012	1018	1026
50	969	967	974	980	987
55	927	925	932	932	942
60	884	882	884	882	890
65	841	838	834	828	834
70	799	790	782	769	777
75	748	737	720	698	704
80	691	666	633	608	616
85	614	547	497	448	448

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

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	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	71	66	62	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	27

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: VSY24-30XWHE-EDU
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2' x 4' Led with acrylic diffuser

TEST #19.01002
DATE: 6/13/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	825*	825	825	825	825
2.5	823	824	824	824	822
5.0	819	820	820	820	819
7.5	814	814	814	814	813
10.0	806	806	806	805	804
12.5	796	796	796	795	794
15.0	783	783	783	782	781
17.5	769	769	768	766	766
20.0	752	752	751	750	749
22.5	733	733	733	731	731
25.0	713	712	712	711	711
27.5	690	689	689	689	690
30.0	665	664	665	665	666
32.5	639	638	640	640	642
35.0	611	610	613	613	616
37.5	583	582	584	586	589
40.0	553	552	555	557	561
42.5	523	522	525	528	532
45.0	492	492	495	498	502
47.5	462	461	464	467	471
50.0	431	430	433	436	439
52.5	399	398	402	403	407
55.0	368	367	370	370	374
57.5	337	336	338	338	341
60.0	306	305	306	305	308
62.5	276	275	275	273	276
65.0	246	245	244	242	244
67.5	216	216	214	211	213
70.0	189	187	185	182	184
72.5	161	159	156	153	155
75.0	134	132	129	125	126
77.5	108	105	102	98	99
80.0	83	80	76	73	74
82.5	59	56	53	49	50
85.0	37	33	30	27	27
87.5	17	13	11	11	12
90.0	1	0	1	0	1

*MAXIMUM CANDELA VALUE