

LUMINAIRE: VSY22-30VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4501
WATTS: 32.33
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.19 90° = 1.19
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 1.91
 HEIGHT: 0.00

TEST #19.00856
 DATE: 5/31/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 139

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

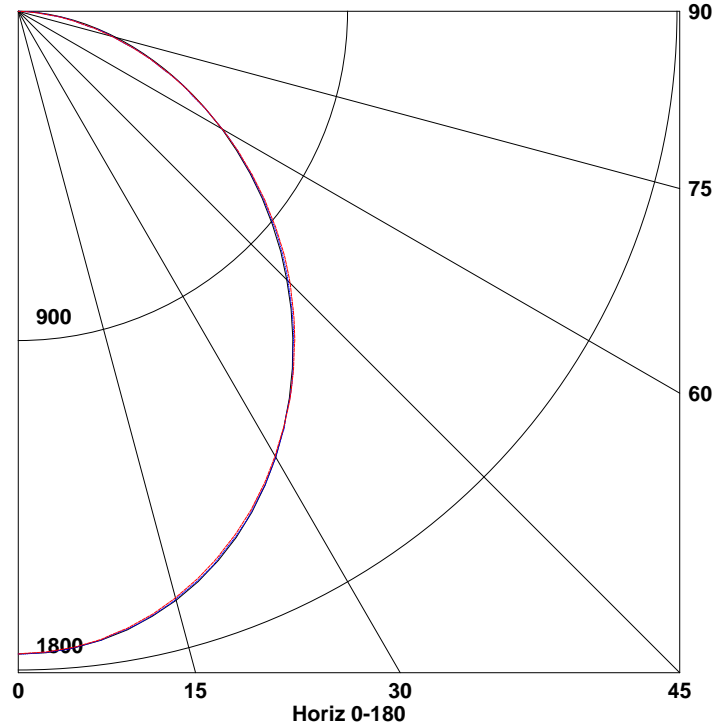
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1328	29.5	29.5
0-40	2136	47.5	47.5
0-60	3635	80.8	80.8
0-90	4501	100.0	100.0
0-180	4501	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5181	5181	5181	5181	5181
30	4794	4783	4794	4780	4780
40	4495	4487	4506	4510	4526
45	4327	4323	4348	4360	4381
50	4159	4154	4182	4195	4214
55	3976	3971	4002	3987	4018
60	3789	3783	3794	3771	3800
65	3589	3589	3568	3533	3575
70	3390	3373	3330	3278	3330
75	3158	3101	3044	2975	3032
80	2872	2770	2685	2583	2651
85	2471	2201	2099	1896	1964

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	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	109	104	100	97	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	75	80	76	73	71
	3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60
R	4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	52
C	5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	38	32	27	26

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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1756*	1756	1756	1756	1756
2.5	1754	1753	1753	1753	1752
5.0	1746	1745	1746	1744	1744
7.5	1733	1732	1733	1731	1731
10.0	1716	1714	1714	1712	1712
12.5	1693	1691	1691	1688	1688
15.0	1666	1664	1663	1660	1659
17.5	1634	1631	1631	1626	1626
20.0	1597	1594	1594	1589	1589
22.5	1556	1554	1553	1548	1548
25.0	1510	1508	1508	1503	1504
27.5	1460	1458	1460	1454	1455
30.0	1407	1404	1407	1403	1403
32.5	1350	1348	1352	1348	1349
35.0	1291	1289	1293	1291	1294
37.5	1230	1228	1233	1232	1235
40.0	1167	1165	1170	1171	1175
42.5	1103	1101	1107	1109	1113
45.0	1037	1036	1042	1045	1050
47.5	973	971	978	981	986
50.0	906	905	911	914	918
52.5	840	839	845	845	850
55.0	773	772	778	775	781
57.5	707	706	711	706	713
60.0	642	641	643	639	644
62.5	577	577	576	571	577
65.0	514	514	511	506	512
67.5	452	451	447	441	448
70.0	393	391	386	380	386
72.5	334	331	325	320	325
75.0	277	272	267	261	266
77.5	222	217	211	205	210
80.0	169	163	158	152	156
82.5	120	112	108	102	105
85.0	73	65	62	56	58
87.5	30	24	21	20	21
90.0	1	0	1	0	0

*MAXIMUM CANDELA VALUE