

LUMINAIRE: VSY22-30HLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00854
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3667
WATTS: 26.02
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 #23441

DATE: 5/15/2019

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

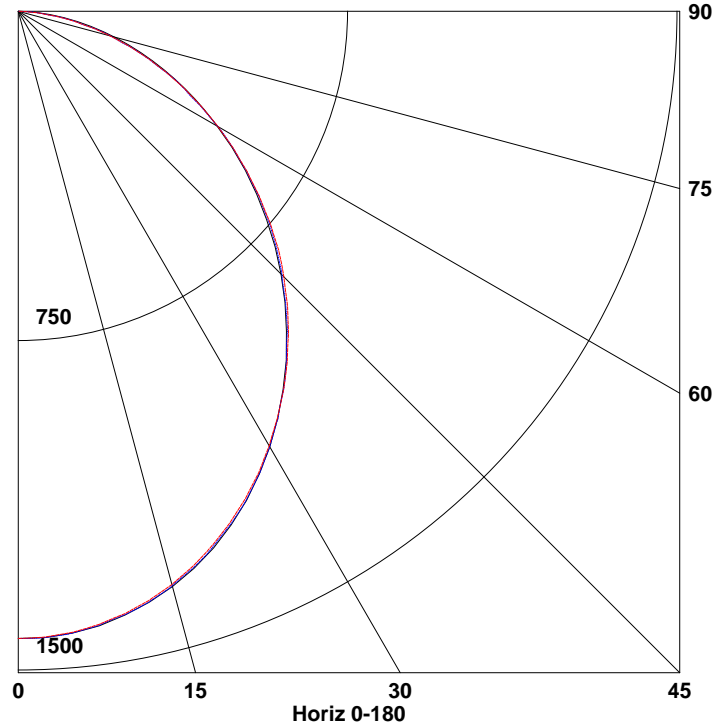
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1081	29.5	29.5
0-40	1739	47.4	47.4
0-60	2960	80.7	80.7
0-90	3667	100.0	100.0
0-180	3667	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4213	4213	4213	4213	4213
30	3901	3894	3901	3891	3891
40	3659	3651	3671	3675	3686
45	3530	3522	3543	3555	3568
50	3388	3383	3411	3420	3434
55	3246	3241	3267	3251	3272
60	3086	3080	3092	3069	3098
65	2932	2925	2911	2876	2918
70	2769	2761	2717	2674	2717
75	2576	2531	2485	2428	2474
80	2345	2243	2192	2124	2175
85	2031	1828	1727	1557	1591

INDOOR CANDELA PLOT



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	97	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	75	80	76	73	71
C	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
C	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
R	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
C	9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
R	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	1428*	1428	1428	1428	1428
2.5	1427	1427	1427	1427	1426
5.0	1421	1421	1421	1420	1419
7.5	1411	1410	1410	1408	1408
10.0	1396	1395	1395	1393	1393
12.5	1378	1377	1377	1374	1374
15.0	1356	1354	1354	1351	1351
17.5	1330	1328	1328	1324	1324
20.0	1300	1298	1297	1293	1293
22.5	1266	1264	1264	1260	1260
25.0	1229	1228	1228	1224	1224
27.5	1188	1187	1188	1184	1185
30.0	1145	1143	1145	1142	1142
32.5	1099	1097	1100	1098	1098
35.0	1051	1049	1053	1051	1053
37.5	1002	999	1003	1003	1006
40.0	950	948	953	954	957
42.5	899	897	901	903	907
45.0	846	844	849	852	855
47.5	793	791	797	799	804
50.0	738	737	743	745	748
52.5	684	684	689	688	692
55.0	631	630	635	632	636
57.5	577	576	580	575	581
60.0	523	522	524	520	525
62.5	471	470	469	466	470
65.0	420	419	417	412	418
67.5	369	368	365	360	365
70.0	321	320	315	310	315
72.5	273	271	265	261	265
75.0	226	222	218	213	217
77.5	181	177	173	168	171
80.0	138	132	129	125	128
82.5	98	91	88	84	85
85.0	60	54	51	46	47
87.5	25	20	17	16	17
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE