

LUMINAIRE: VSY12-30HLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00995
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3551
WATTS: 26.50
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23437
 DATE: 6/6/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 134

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.75
BASED ON 3000 HRS. AND \$.08 PER KWH

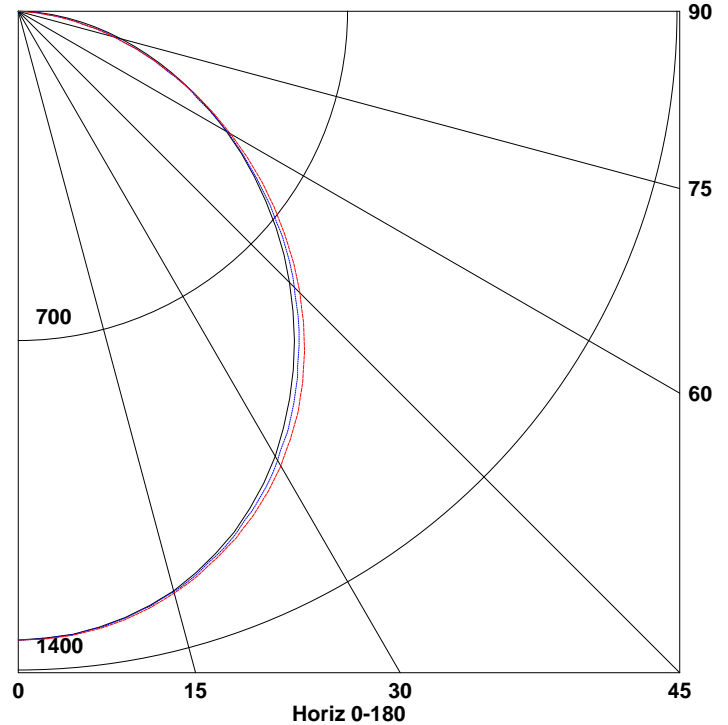
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1027	28.9	28.9
0-40	1665	46.9	46.9
0-60	2860	80.5	80.5
0-90	3551	100.0	100.0
0-180	3551	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	8654	8654	8654	8654	8654
30	8168	8168	8243	8303	8347
40	7720	7737	7847	7940	7999
45	7466	7484	7603	7686	7750
50	7205	7226	7326	7397	7457
55	6912	6923	6991	7058	7137
60	6620	6620	6646	6672	6750
65	6315	6269	6254	6254	6330
70	6004	5890	5833	5777	5871
75	5656	5456	5331	5206	5281
80	5223	4887	4663	4439	4514
85	4608	3865	3493	2899	2973

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 140.0

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

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	70	66	62	60
R	4	83	71	63	81	70	62	56	67	60	55	65	59	54	63	58	53	51
C	5	77	64	55	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	69	57	48	42	55	47	42	53	47	41	52	46	41	39
	7	66	52	44	64	51	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	52	40	32	27	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1336*	1336	1336	1336	1336
2.5	1333	1333	1334	1335	1335
5.0	1329	1329	1330	1331	1331
7.5	1320	1320	1321	1323	1323
10.0	1308	1308	1309	1311	1312
12.5	1293	1293	1295	1297	1298
15.0	1275	1274	1277	1279	1280
17.5	1252	1252	1256	1258	1260
20.0	1226	1227	1231	1235	1236
22.5	1198	1198	1204	1209	1211
25.0	1165	1166	1173	1179	1182
27.5	1130	1131	1140	1146	1150
30.0	1092	1092	1102	1110	1116
32.5	1049	1051	1063	1071	1077
35.0	1005	1008	1020	1030	1037
37.5	960	962	975	986	993
40.0	913	915	928	939	946
42.5	864	867	880	890	897
45.0	815	817	830	839	846
47.5	766	768	780	787	794
50.0	715	717	727	734	740
52.5	663	665	673	680	686
55.0	612	613	619	625	632
57.5	562	562	566	569	576
60.0	511	511	513	515	521
62.5	461	460	460	461	467
65.0	412	409	408	408	413
67.5	364	359	357	355	360
70.0	317	311	308	305	310
72.5	271	264	260	256	259
75.0	226	218	213	208	211
77.5	182	173	168	162	166
80.0	140	131	125	119	121
82.5	100	90	84	78	80
85.0	62	52	47	39	40
87.5	27	18	15	12	13
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE