

LUMINAIRE: VSY12-35MLHE-EDU
 Verisy™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3288
WATTS: 24.43
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.22 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.86
 HEIGHT: 0.00

TEST #19.00994
 DATE: 6/4/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 135

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

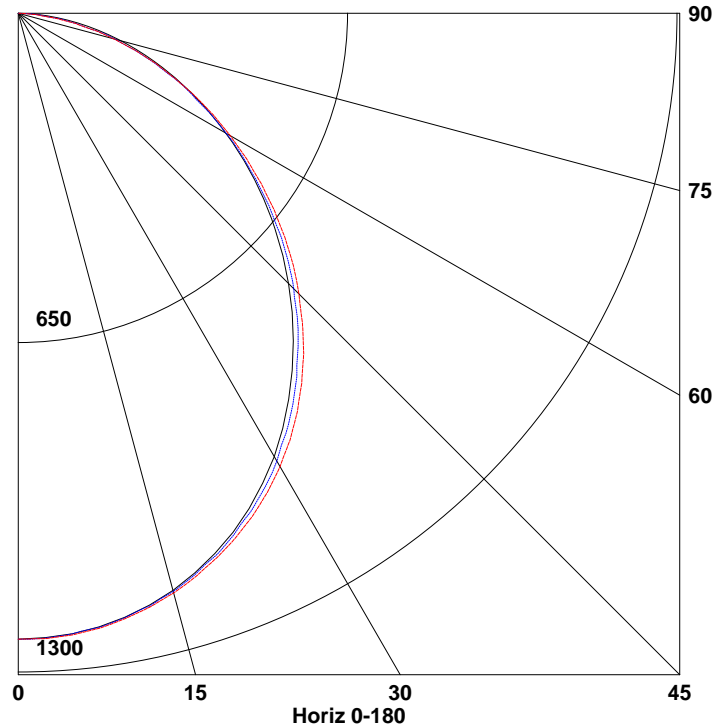
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	950	28.9	28.9
0-40	1540	46.8	46.8
0-60	2646	80.5	80.5
0-90	3288	100.0	100.0
0-180	3288	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	8093	8093	8093	8093	8093
30	7642	7642	7718	7771	7816
40	7220	7237	7348	7434	7494
45	6988	7006	7127	7201	7256
50	6739	6759	6851	6932	6994
55	6478	6489	6546	6604	6684
60	6199	6199	6212	6252	6330
65	5908	5877	5861	5861	5939
70	5633	5518	5480	5422	5518
75	5292	5114	5013	4912	4963
80	4906	4566	4378	4189	4264
85	4361	3609	3308	2782	2857

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

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	79	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	48	74	63	54	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	52	46	41
	7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37
	8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	27	52	40	32	27	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1235*	1235	1235	1235	1235
2.5	1233	1233	1234	1235	1235
5.0	1229	1228	1229	1230	1231
7.5	1221	1221	1222	1223	1224
10.0	1210	1210	1211	1212	1213
12.5	1196	1196	1198	1199	1200
15.0	1179	1179	1181	1183	1184
17.5	1158	1158	1161	1163	1165
20.0	1134	1134	1139	1142	1144
22.5	1108	1108	1113	1118	1120
25.0	1078	1079	1085	1090	1094
27.5	1045	1046	1054	1060	1065
30.0	1010	1010	1020	1027	1033
32.5	971	972	983	992	998
35.0	930	932	944	954	960
37.5	888	890	903	913	919
40.0	844	846	859	869	876
42.5	800	802	815	824	830
45.0	754	756	769	777	783
47.5	708	710	722	730	736
50.0	661	663	672	680	686
52.5	614	616	623	630	636
55.0	567	568	573	578	585
57.5	520	520	524	528	534
60.0	473	473	474	477	483
62.5	427	426	426	427	433
65.0	381	379	378	378	383
67.5	336	333	331	330	334
70.0	294	288	286	283	288
72.5	251	244	241	238	241
75.0	209	202	198	194	196
77.5	169	161	156	151	154
80.0	130	121	116	111	113
82.5	93	84	78	73	74
85.0	58	48	44	37	38
87.5	25	17	14	12	13
90.0	1	0	0	0	1

*MAXIMUM CANDELA VALUE