

LUMINAIRE: VSY12-35LWHE-EDU
 Verisfy™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2563
WATTS: 19.29
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.86
 HEIGHT: 0.00

TEST #19.00996
 DATE: 6/7/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 133

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.78
BASED ON 3000 HRS. AND \$.08 PER KWH

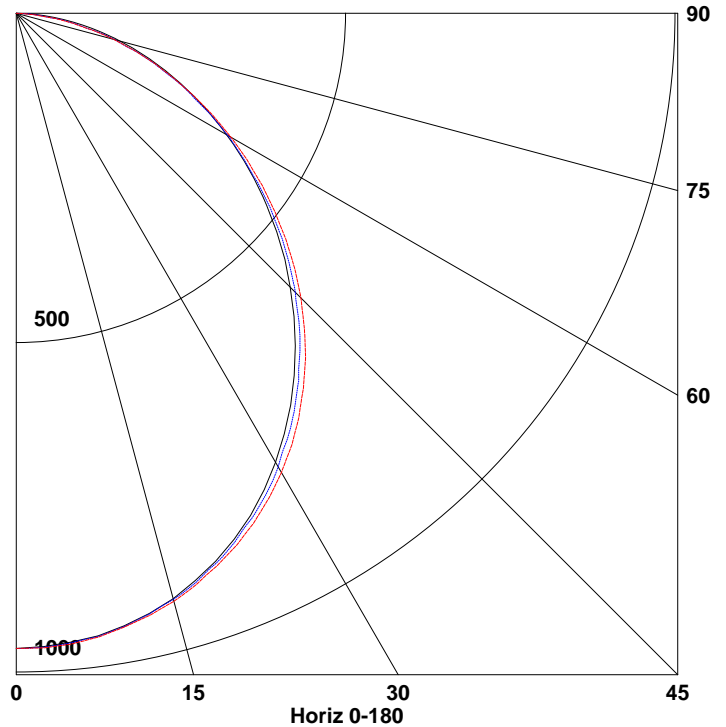
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	741	28.9	28.9
0-40	1201	46.9	46.9
0-60	2064	80.5	80.5
0-90	2563	100.0	100.0
0-180	2563	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	6317	6317	6317	6317	6317
30	5955	5963	6016	6061	6091
40	5637	5646	5731	5800	5843
45	5449	5468	5551	5616	5662
50	5260	5271	5342	5403	5444
55	5050	5061	5107	5153	5210
60	4836	4823	4849	4875	4928
65	4605	4574	4559	4559	4621
70	4388	4292	4273	4234	4292
75	4127	3975	3899	3823	3874
80	3812	3547	3396	3245	3321
85	3384	2857	2556	2181	2256

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	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	56	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	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41	39
	7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	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	964*	964	964	964	964
2.5	962	962	963	964	964
5.0	958	959	959	960	961
7.5	953	953	954	954	955
10.0	944	944	945	946	946
12.5	933	933	934	935	936
15.0	920	919	921	923	924
17.5	903	903	906	908	909
20.0	885	885	888	891	892
22.5	864	865	868	872	874
25.0	841	841	846	850	853
27.5	815	816	822	827	830
30.0	787	788	795	801	805
32.5	757	758	766	773	778
35.0	726	727	736	744	748
37.5	693	694	704	712	716
40.0	659	660	670	678	683
42.5	624	625	635	642	647
45.0	588	590	599	606	611
47.5	553	554	562	569	573
50.0	516	517	524	530	534
52.5	479	480	486	491	495
55.0	442	443	447	451	456
57.5	405	406	408	412	416
60.0	369	368	370	372	376
62.5	333	332	332	333	337
65.0	297	295	294	294	298
67.5	262	259	258	257	260
70.0	229	224	223	221	224
72.5	196	190	188	185	188
75.0	163	157	154	151	153
77.5	132	125	121	118	119
80.0	101	94	90	86	88
82.5	72	65	61	57	58
85.0	45	38	34	29	30
87.5	19	13	11	9	10
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE