

LUMINAIRE: VSY12-30VWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
BALLAST: OTI20/120-277/700 DIM-1 L
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1407
WATTS: 11.18
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 #19.01000
 DATE: 6/10/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 126

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.88
BASED ON 3000 HRS. AND \$.08 PER KWH

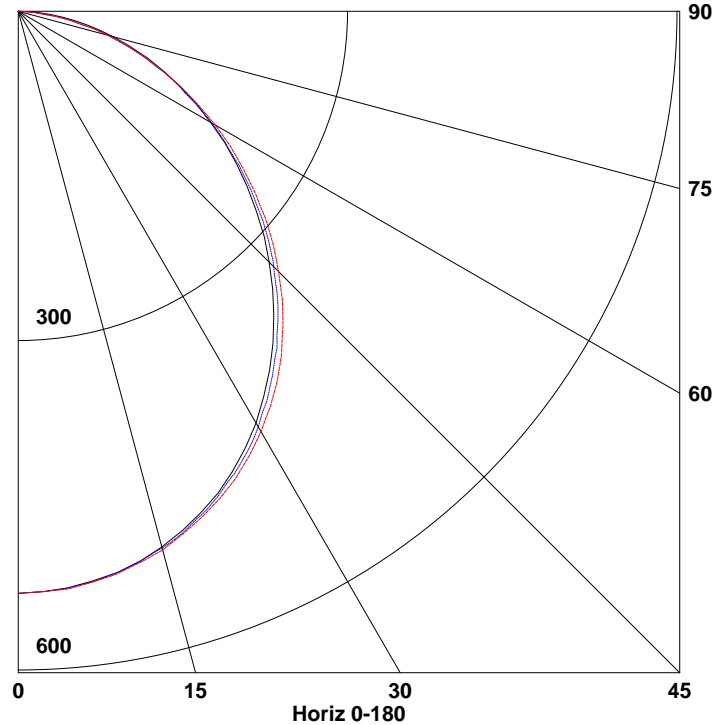
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	407	28.9	28.9
0-40	660	46.9	46.9
0-60	1133	80.5	80.5
0-90	1407	100.0	100.0
0-180	1407	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3473	3473	3473	3473	3473
30	3276	3276	3307	3329	3344
40	3097	3097	3148	3182	3208
45	2993	3003	3049	3077	3105
50	2885	2895	2936	2967	2997
55	2776	2776	2810	2822	2856
60	2647	2647	2661	2674	2713
65	2527	2512	2512	2496	2543
70	2414	2357	2337	2318	2357
75	2253	2177	2152	2101	2127
80	2113	1962	1887	1774	1811
85	1880	1504	1429	1203	1203

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 600

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	530*	530	530	530	530
2.5	529	529	529	529	529
5.0	527	527	527	527	528
7.5	523	523	524	524	524
10.0	519	519	519	520	520
12.5	513	512	513	514	514
15.0	505	505	506	507	508
17.5	496	496	498	499	499
20.0	486	486	488	489	490
22.5	475	475	477	479	480
25.0	462	462	465	467	469
27.5	448	448	452	454	456
30.0	433	433	437	440	442
32.5	416	416	421	425	427
35.0	399	399	404	408	411
37.5	381	381	387	391	394
40.0	362	362	368	372	375
42.5	343	343	349	353	356
45.0	323	324	329	332	335
47.5	304	304	309	312	315
50.0	283	284	288	291	294
52.5	263	263	267	269	272
55.0	243	243	246	247	250
57.5	223	222	224	226	229
60.0	202	202	203	204	207
62.5	183	182	182	182	185
65.0	163	162	162	161	164
67.5	144	142	142	141	143
70.0	126	123	122	121	123
72.5	107	104	103	102	103
75.0	89	86	85	83	84
77.5	72	68	67	64	66
80.0	56	52	50	47	48
82.5	40	35	33	31	32
85.0	25	20	19	16	16
87.5	11	7	6	5	5
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE