

LUMINAIRE: VSY22-30VWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
BALLAST: OTi 20
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1390
WATTS: 11.21
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 #19.01083
 DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 124

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.90
BASED ON 3000 HRS. AND \$.08 PER KWH

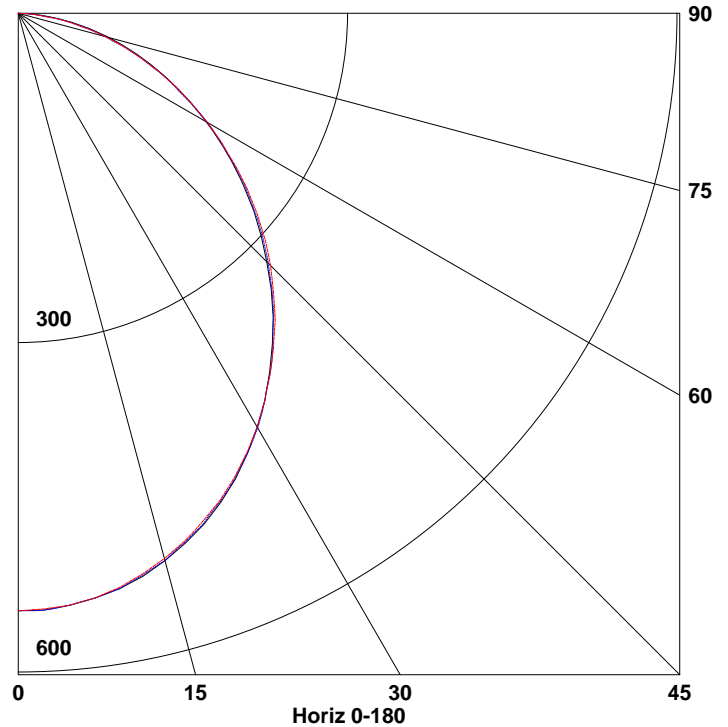
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	411	29.6	29.6
0-40	661	47.6	47.6
0-60	1124	80.8	80.8
0-90	1390	100.0	100.0
0-180	1390	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1605	1605	1605	1605	1605
30	1482	1479	1485	1479	1482
40	1390	1387	1394	1394	1402
45	1335	1335	1344	1348	1356
50	1285	1281	1290	1294	1304
55	1224	1224	1235	1229	1240
60	1168	1163	1168	1163	1174
65	1103	1103	1096	1089	1103
70	1044	1035	1027	1009	1027
75	969	958	935	912	935
80	884	850	833	799	816
85	779	677	643	576	609

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	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
	2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71
	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	55	63	58	54	52
C	5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	52	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	41	39
	7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	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	544*	544	544	544	544
2.5	544	543	544	543	543
5.0	541	541	541	541	541
7.5	537	537	537	537	537
10.0	532	531	532	531	531
12.5	525	524	524	523	523
15.0	516	516	516	514	514
17.5	506	505	505	504	504
20.0	495	494	494	492	492
22.5	482	481	481	479	480
25.0	468	467	467	465	466
27.5	452	451	452	450	451
30.0	435	434	436	434	435
32.5	418	417	418	417	418
35.0	399	398	400	399	400
37.5	380	379	381	381	382
40.0	361	360	362	362	364
42.5	341	340	342	343	344
45.0	320	320	322	323	325
47.5	300	299	302	303	305
50.0	280	279	281	282	284
52.5	259	258	261	261	263
55.0	238	238	240	239	241
57.5	218	217	219	218	220
60.0	198	197	198	197	199
62.5	178	177	177	176	178
65.0	158	158	157	156	158
67.5	139	138	138	136	138
70.0	121	120	119	117	119
72.5	103	102	100	98	100
75.0	85	84	82	80	82
77.5	68	66	65	63	65
80.0	52	50	49	47	48
82.5	37	34	33	31	33
85.0	23	20	19	17	18
87.5	9	7	7	6	7
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE