

**PHOTOMETRICS**

**Coefficients of Utilization**

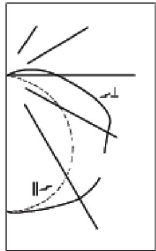
rc	Effective floor cavity reflectance																	
	80%				70%				20%									
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0%
	<b>RCR</b>																	
0	90	90	90	90	87	87	87	87	82	82	82	77	77	77	73	73	73	71
1	79	75	71	67	77	72	69	65	68	65	62	64	61	59	60	58	56	54
2	71	64	58	52	69	62	56	51	58	53	49	55	51	47	51	48	45	43
3	64	55	48	42	62	53	47	41	50	45	40	47	43	39	44	41	37	35
4	58	48	41	35	56	47	40	34	44	38	33	42	36	32	39	35	31	29
5	53	43	35	30	51	41	34	29	39	33	28	37	32	27	35	30	27	25
6	49	38	31	25	47	37	30	25	35	29	24	33	28	24	31	27	23	21
7	45	34	27	22	44	33	27	22	32	26	21	30	25	21	29	24	20	19
8	42	31	24	20	41	30	24	19	29	23	19	27	22	18	26	21	18	16
9	39	29	22	17	38	28	22	17	27	21	17	25	20	16	24	19	16	15
10	37	26	20	16	36	26	20	16	24	19	15	23	18	15	22	18	15	13

**Candela**

Angle	Along II	45°	Across I.
0	2048	2048	2048
10	2029	2024	2076
20	1930	1987	2107
30	1765	1943	2147
40	1535	1854	2083
50	1231	1664	1920
60	845	1398	1749
70	460	1228	1572
80	176	871	1118
90	28	489	741
100	28	254	466
110	14	93	216
120	7	54	85
130	5	36	49
140	6	17	35
150	5	7	17
160	5	4	6
170	3	3	3
180	0	0	0

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixture
0-30	1681	14.1	18.5
0-40	2870	24.1	31.5
0-60	5544	46.6	60.9
0-90	8432	70.9	92.6
90-180	675	5.7	7.4
0-180	9107	76.5	100.0



**VT2-296T8-DR-WL**  
Energy Saving  
Ballast

F96T8/SPX35 Lamps  
5950 Lumens

Spacing criterion:  
(II) 1.3 x mounting  
height, (I) 1.6 x  
mounting height  
Efficiency 76.5%

Test Report:  
VT2296T8D

LER = FI-77

Yearly Cost of 1000  
lumens, 3000 hrs at  
.08 KWH = \$3.12