



FLARE 36"



3550-36-FT5 21W

EUREKA

One 21W Fluorescent T5

Photometric Report

Number of lamps:	1
Lumens per lamp:	2100.00
Input watts:	23.00
Distribution:	Semi-Direct
Efficiency:	66.5
Photometric type:	C
Luminous shape:	Rectangle
Units:	Feet
Luminous Dimensions:	
0-180 Axis:	2.892
90-270 Axis:	0.196
Height:	0.262
Spacing Criteria (0):	1.13
Spacing Criteria (90):	1.55
Spacing Criteria (Four Luminaires):	1.52

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	171	8	12
0-40	284	14	20
0-60	555	26	40
0-90	959	46	69
90-120	293	14	21
90-150	417	20	30
90-180	437	21	31
0-180	1396	66	100

Total Luminaire Efficiency = 66%

Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	3972	3972	3972
45.0	2937	2264	2488
55.0	2561	2131	2583
65.0	2074	2046	2700
75.0	1556	2008	2738
85.0	1162	2031	2756

Coefficients of Utilization

pfc= 0.20

pcc-	0.80			0.70				0.50				0.30				0.10		0.0
pw->	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.0
RCR																		
0	74	74	74	74	70	70	70	70	62	62	62	55	55	55	49	49	49	46
1	65	61	57	54	61	57	54	51	50	48	45	44	42	40	39	37	36	33
2	58	52	46	42	54	49	44	40	43	39	36	37	34	32	32	30	28	25
3	52	45	38	34	49	42	36	32	37	32	29	32	29	26	28	25	23	20
4	48	39	33	28	44	37	31	26	32	28	24	28	24	21	25	21	19	17
5	44	34	28	23	41	32	27	22	29	24	20	25	21	18	22	19	16	14
6	40	31	25	20	37	29	23	19	26	21	17	23	19	16	20	16	14	12
7	37	28	22	17	34	26	21	17	23	19	15	20	17	14	18	15	12	10
8	34	25	19	15	32	24	18	15	21	17	13	19	15	12	16	13	11	9
9	32	23	17	14	30	22	16	13	19	15	12	17	13	11	15	12	10	8
10	30	21	16	12	28	20	15	12	18	14	11	16	12	10	14	11	9	7

Candela Distribution

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
0.0	209	209	209	209	209	209	209	209	209	209
10.0	200	205	205	205	207	206	208	208	213	209
20.0	180	185	189	193	201	204	206	208	213	214
30.0	159	163	168	177	184	194	202	208	214	215
40.0	134	138	147	158	170	182	194	203	212	212
50.0	105	111	120	136	153	173	192	209	218	221
60.0	70	79	92	112	138	165	190	213	227	233
70.0	40	49	66	90	121	153	186	210	225	232
80.0	16	26	46	73	107	142	175	199	212	216
90.0	5	15	33	60	92	128	160	182	197	197
100.0	4	14	31	56	86	118	148	169	183	185
110.0	5	14	28	51	77	103	130	150	163	165
120.0	6	13	26	43	64	86	108	123	135	138
130.0	6	13	22	36	51	67	82	95	103	106
140.0	7	13	20	29	39	50	60	67	72	74
150.0	8	13	18	22	28	35	41	46	49	50
160.0	8	12	15	18	20	24	27	29	30	31
170.0	9	11	13	15	16	17	20	20	21	20
180.0	11	11	11	11	11	11	11	11	11	11

