



FLARE 36"



3550-36-FT5HO 39W

EUREKA

One 39W Fluorescent T5HO

Photometric Report

Number of lamps:	1
Lumens per lamp:	3500.00
Input watts:	44.00
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):	1.56
Spacing Criteria (Four Luminaires):	1.53

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	284	8	12
0-40	473	14	20
0-60	925	26	40
0-90	1598	46	69
90-120	490	14	21
90-150	695	20	30
90-180	728	21	31
0-180	2326	66	100

Total Luminaire Efficiency = 66%

Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6554	6554	6554
45.0	4857	3772	4155
55.0	4234	3540	4286
65.0	3491	3412	4421
75.0	2624	3359	4544
85.0	1921	3394	4637

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	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	33
2	58	52	46	42	54	49	44	40	43	39	36	37	34	32	32	30	25
3	52	45	38	34	49	42	36	32	37	32	29	32	29	26	28	25	20
4	48	39	33	28	44	37	31	26	32	28	24	28	24	21	25	21	17
5	44	34	28	23	41	32	27	22	29	24	20	25	21	18	22	19	14
6	40	31	24	20	37	29	23	19	26	21	17	23	19	16	20	16	12
7	37	28	22	17	34	26	21	17	23	19	15	20	17	14	18	15	10
8	34	25	19	15	32	24	18	15	21	17	13	19	15	12	16	13	9
9	32	23	17	14	30	22	16	13	19	15	12	17	13	11	15	12	8
10	30	21	16	12	28	20	15	12	18	14	11	16	12	10	14	11	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	345	345	345	345	345	345	345	345	345	345
10.0	336	336	334	337	346	345	351	345	344	344
20.0	298	309	314	325	333	340	346	347	352	356
30.0	262	275	283	292	308	324	337	347	359	357
40.0	223	233	243	262	285	302	324	340	351	352
50.0	172	185	203	226	256	287	322	349	366	371
60.0	117	129	153	187	228	274	317	353	377	383
70.0	69	82	110	152	203	257	311	351	374	379
80.0	27	44	76	121	177	237	293	331	354	364
90.0	9	25	56	100	155	213	264	305	324	330
100.0	7	22	51	93	145	197	245	283	307	312
110.0	8	22	47	84	127	174	218	250	270	278
120.0	10	22	42	73	108	144	179	205	223	231
130.0	10	22	37	60	86	112	136	157	171	175
140.0	11	21	33	47	64	84	98	113	122	123
150.0	15	21	30	38	47	58	68	75	83	84
160.0	15	20	26	31	36	40	45	49	51	52
170.0	14	18	21	25	26	30	30	31	32	32
180.0	18	18	18	18	18	18	18	18	18	18

