



FLARE 36"



74040-36-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:	71.1
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):	1.23
Spacing Criteria (90):	1.49
Spacing Criteria (Four Luminaires):	1.49

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	352	10	14
0-40	583	17	23
0-60	1100	31	44
0-90	1792	51	72
90-120	472	13	19
90-150	664	19	27
90-180	695	20	28
0-180	2487	71	100

Total Luminaire Efficiency = 71%

Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7971	7971	7971
45.0	6220	4441	4681
55.0	5257	3957	4605
65.0	4199	3631	4570
75.0	3088	3428	4559
85.0	2133	3350	4589

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	80	80	80	80	76	76	76	76	68	68	68	61	61	61	54	54	51
1	70	66	62	59	66	62	59	56	56	53	50	49	47	45	44	42	38
2	63	56	51	46	59	53	48	44	47	43	40	42	39	36	37	35	30
3	57	49	42	37	53	46	40	36	41	36	32	36	33	29	32	29	24
4	52	43	36	31	49	40	34	30	36	31	27	32	28	25	28	25	20
5	47	38	31	26	44	36	30	25	32	27	23	29	24	21	25	22	17
6	44	34	27	22	41	32	26	22	29	24	20	26	21	18	23	19	14
7	40	30	24	20	38	29	23	19	26	21	17	23	19	16	21	17	13
8	37	28	21	17	35	26	21	17	24	19	15	21	17	14	19	15	11
9	35	25	19	15	33	24	18	15	22	17	14	20	15	13	18	14	10
10	33	23	17	14	31	22	17	13	20	15	12	18	14	11	16	13	9

Candela Distribution

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
0.0	419	419	419	419	419	419	419	419	419	419
10.0	415	418	416	425	429	424	427	425	430	438
20.0	398	399	402	407	414	419	426	423	423	429
30.0	351	363	366	378	384	391	404	412	415	418
40.0	289	299	312	325	342	365	384	395	403	407
50.0	216	228	244	268	296	326	357	387	399	408
60.0	142	157	180	214	251	295	336	373	396	402
70.0	81	95	122	163	212	266	316	357	382	385
80.0	32	47	78	124	177	237	291	333	356	360
90.0	8	24	54	97	151	207	259	298	320	327
100.0	7	21	49	88	138	189	237	276	296	301
110.0	8	22	45	79	122	165	208	241	261	269
120.0	9	20	40	68	102	137	168	196	211	220
130.0	10	20	34	55	79	105	127	147	160	165
140.0	12	20	31	44	61	76	92	105	112	116
150.0	14	20	28	35	45	54	63	71	75	78
160.0	15	19	23	28	34	37	42	45	48	48
170.0	13	17	21	22	24	26	29	29	31	29
180.0	19	19	19	19	19	19	19	19	19	19

