

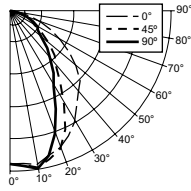
5- or 6-Lamp T5

PHOTOMETRY – STANDARD DISTRIBUTION

Catalog #: **GL-4-654T5H-EB2/2/2**

TEST REPORT INFORMATION

- ▶ Test Report #: 11837.0
- ▶ Date: 02/27/03
- ▶ Lamp Type: FP54T5H0/835
- ▶ Lumens: 5000
- ▶ Lamp Quantity: 6



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	997.2	33.2	37.2
0 - 40	1503.5	50.1	56.2
0 - 60	2307.6	76.9	86.2
0 - 90	2677.4	89.2	100.0
Total Luminaire:			
0 - 180	2677.4	89.2	100.0

Total Luminaire Optical Efficiency: **89.2%**
IES Spacing Criteria: End = 1.2, Diagonal = 1.1, Across = 1.0

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	13095.	13095.	13095.	
5	13101.	13220.	13312.	1261.3
15	12797.	13114.	12810.	3672.9
25	11807.	11186.	9258.	5037.8
35	9931.	7488.	6497.	5062.6
45	8478.	5401.	4503.	4644.2
55	6194.	3354.	2918.	3397.1
65	3869.	1994.	2179.	2395.2
75	1769.	1082.	818.	1137.9
85	198.	132.	145.	165.4
90	0.	0.	0.	

ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling			Wall			Floor		
	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	1.06	1.06	1.06	1.04	1.04	1.04	.99	.99	.99
1	.99	.96	.93	.97	.94	.91	.90	.86	.86
2	.92	.86	.81	.90	.84	.80	.81	.77	.74
3	.85	.77	.71	.83	.76	.70	.73	.69	.65
4	.79	.70	.63	.77	.68	.62	.66	.61	.57
5	.73	.62	.55	.71	.62	.55	.60	.54	.49
6	.67	.57	.50	.66	.56	.49	.54	.48	.44
7	.63	.52	.44	.61	.51	.44	.50	.43	.39
8	.58	.47	.40	.57	.46	.39	.45	.39	.34
9	.54	.42	.35	.52	.42	.35	.41	.35	.30
10	.50	.39	.32	.49	.38	.32	.37	.31	.27

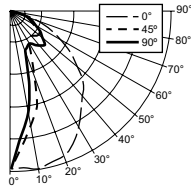
Effective Floor Cavity Reflectance = .20

PHOTOMETRY – NARROW DISTRIBUTION

Catalog #: **GL-4-654T5H-ND-EB2/2/2**

TEST REPORT INFORMATION

- ▶ Test Report #: W00032
- ▶ Date: 04/24/07
- ▶ Lamp Type: FP54T5H0/835
- ▶ Lumens: 5000
- ▶ Lamp Quantity: 6



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	825.6	27.5	29.8
0 - 40	1250.3	41.7	45.1
0 - 60	2135.2	71.2	77.1
0 - 90	2768.6	92.3	100.0
Total Luminaire:			
0 - 180	2768.6	92.3	100.0

Total Luminaire Optical Efficiency: **92.3%**
IES Spacing Criteria: End = 1.2, Diagonal = 1.1, Across = 0.6

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	15051.	15051.	15051.	
5	14992.	14419.	13648.	686.2
15	14242.	10726.	9048.	1595.1
25	13116.	7228.	5626.	1896.9
35	11188.	5189.	5747.	2114.1
45	8947.	5053.	5926.	2284.3
55	6372.	4698.	5020.	2160.0
65	3759.	3652.	3845.	1772.0
75	1757.	2366.	2295.	1153.8
85	477.	325.	328.	207.2
90	53.	36.	57.	

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	825.6	27.5	29.8
0 - 40	1250.3	41.7	45.1
0 - 60	2135.2	71.2	77.1
0 - 90	2768.6	92.3	100.0
Total Luminaire:			
0 - 180	2768.6	92.3	100.0

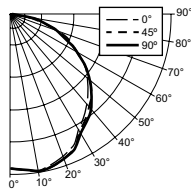
Total Luminaire Optical Efficiency: **92.3%**
IES Spacing Criteria: End = 1.2, Diagonal = 1.1, Across = 0.6

PHOTOMETRY – WIDE DISTRIBUTION

Catalog #: **GL-4-654T5H-WD-EB4/2**

TEST REPORT INFORMATION

- ▶ Test Report #: 14126.0
- ▶ Date: 05/29/08
- ▶ Lamp Type: FP54T5H0/835
- ▶ Lumens: 5000
- ▶ Lamp Quantity: 6



FIXTURE DETAILS

BACK VIEW

