

Photometric Report

CATALOG NUMBER: CATALOG NO. : CW4-4G2F60

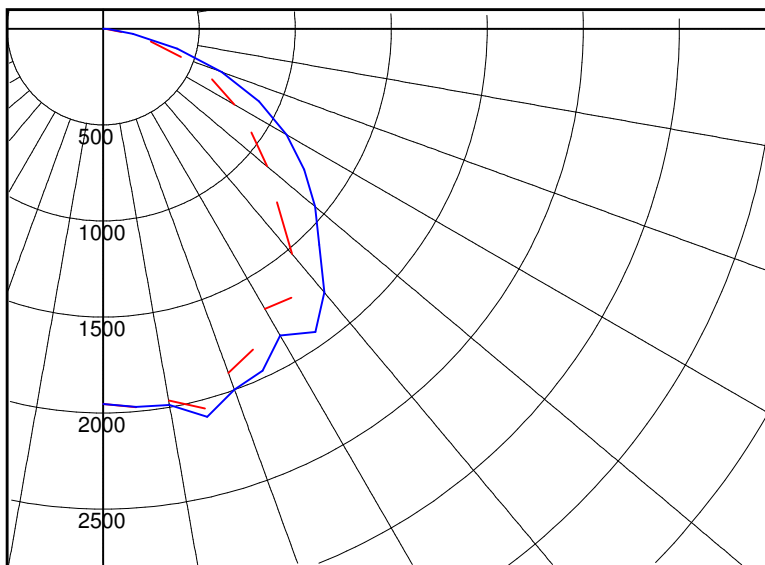
FILENAME: CW4-4G2F60_IES.HTM

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<!-- saved from url=(0053)http://www.guth.com/photometry/uploads/CW4-4G2F60.ies -->
<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1252">
<META content="MSHTML 6.00.2800.1586" name=GENERATOR></HEAD>
<BODY><PRE>IESNA:LM-63-1995
[TEST]REPORT NO. P11428A 1.343
[MANUFAC] GUTH LIGHTING - ST. LOUIS, MO
[LUMINAIRE] 2/60W T12HO LAMP 1x4'SURFACE LUMINAIRE
[LUMINAIRE] 304 STAINLESS STEEL BODY w/CLEAR LENS
[LUMINAIRE] WATTS=150
[LUMCAT]CATALOG NO. : CW4-4G2F60
[LAMPCAT]LAMP CODE : F60W T12 WW
```

SUMMARY DATA

EFFICIENCY (Total): 70.9 %
 EFFICIENCY (Downlight): 70.9 %
 EFFICIENCY (Uplight): 0.0 %
 CIE CLASSIFICATION: DIRECT
 SPACING CRITERION (0-Deg.): 1.34
 SPACING CRITERION (90-Deg.): 1.49
 LUMENS/LAMP: 4300
 NO. OF LAMPS: 2
 LUMINOUS OPENING: RECTANGULAR
 Width: 1.13 (Feet)
 Length: 4.21
 Height: 0.43
 INPUT WATTS: 150
 RP-1-93 VDT CONFORMANCE: NON-CONFORMING

CANDELA PLOT



Quadrilaterally Symmetric
 Dashed: 0 Degrees Solid: 90 Degrees

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	1630.6	19.0	26.7
0 - 40	2742.9	31.9	45.0
0 - 60	4884.6	56.8	80.1
60 - 90	1214.1	14.1	19.9
0 - 90	6098.7	70.9	100.0
90 - 180	0.0	0.0	0.0
0 - 180	6098.7	70.9	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	4421	4421	4421	4421	4421
45	3712	3476	3502	3566	3686
55	3241	2971	3045	3146	3264
65	2743	2530	2595	2578	2641
75	1623	1536	1477	1419	1441
85	225	205	156	128	131

COEFFICIENT OF UTILIZATION TABLE

Effective Floor cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.84	.84	.84	.84	.82	.82	.82	.82	.79	.79	.79	.75	.75	.75	.72	.72	.72	.71
1	.77	.74	.71	.69	.75	.73	.70	.67	.69	.67	.65	.67	.65	.63	.64	.63	.61	.60
2	.70	.65	.60	.56	.69	.63	.59	.55	.61	.57	.54	.58	.55	.53	.56	.54	.51	.50
3	.64	.57	.51	.46	.62	.56	.50	.46	.53	.49	.45	.51	.48	.44	.50	.46	.44	.42
4	.59	.50	.44	.39	.57	.49	.43	.39	.47	.42	.38	.46	.41	.38	.44	.40	.37	.36
5	.54	.45	.38	.34	.52	.44	.38	.33	.42	.37	.33	.41	.36	.33	.40	.36	.32	.31
6	.50	.40	.34	.29	.48	.40	.33	.29	.38	.33	.29	.37	.32	.29	.36	.32	.28	.27
7	.46	.36	.30	.26	.45	.36	.30	.26	.35	.29	.25	.34	.29	.25	.33	.28	.25	.24
8	.43	.33	.27	.23	.42	.33	.27	.23	.32	.26	.23	.31	.26	.23	.30	.26	.22	.21
9	.40	.30	.25	.21	.39	.30	.24	.20	.29	.24	.20	.28	.24	.20	.28	.23	.20	.19
10	.37	.28	.22	.19	.36	.28	.22	.19	.27	.22	.18	.26	.22	.18	.26	.21	.18	.17

Photometric Report

CATALOG NUMBER: CATALOG NO. : CW4-4G2F60

FILENAME: CW4-4G2F60_IES.HTM

CANDELA TABLE

Vertical Angle	Horizontal Angles				
	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	1954	1954	1954	1954	1954
5	1977	1969	1965	1976	1976
10	1965	1953	1976	1973	1989
15	2047	2059	2080	2095	2092
20	1907	1933	1961	1988	1998
25	1844	1863	1919	1949	1965
30	1684	1715	1778	1824	1844
35	1710	1751	1836	1903	1927
40	1530	1574	1673	1762	1792
45	1279	1347	1468	1550	1590
50	1113	1179	1308	1405	1440
55	941	1011	1148	1242	1277
60	790	877	1009	1085	1103
65	625	716	839	885	896
70	430	518	602	643	655
75	257	333	384	399	399
80	97	140	157	157	157
85	19	30	30	27	27
90	0	0	0	0	0