

# Photometric Report

CATALOG NUMBER: CATALOG NO. : CCP-4G2F32/EB

FILENAME: CCP-4G2F32\_IES.HTM

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<!-- saved from url=(0053)http://www.guth.com/photometry/uploads/CCP-4G2F32.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]BALLABS TEST NO. 10611.0
[MANUFAC] GUTH LIGHTING INC - ST.LOUIS, MISSOURI
[LUMINAIRE] 2/32W T8 LAMP 4'SURFACE MOUNT LUMINAIRE
[LUMINAIRE] WHITE REFLECTOR w/CLEAR FLAT GLASS LENS
[LUMINAIRE] ADVANCE BALLAST #REL-2P32-SC WATTS=56 REFL=87%
[LUMCAT]CATALOG NO. : CCP-4G2F32/EB
[LAMPCAT]LAMP CODE : F32T8/835/RS
```

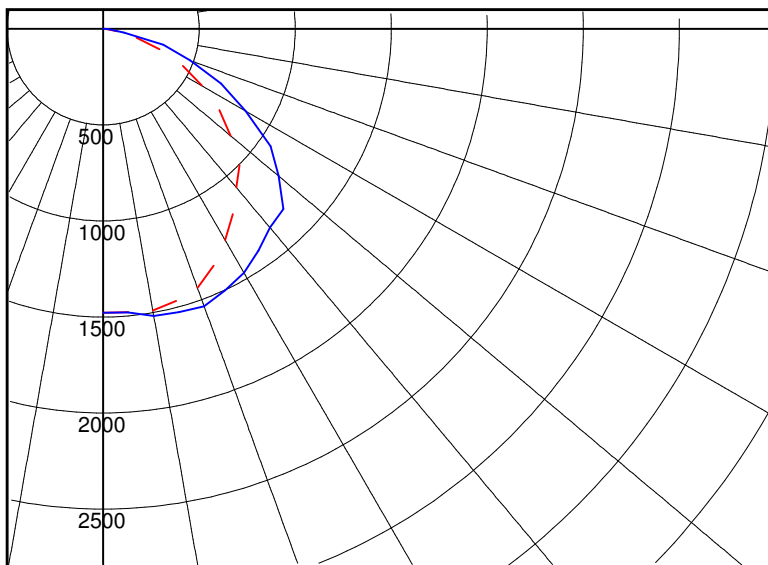
## SUMMARY DATA

```
EFFICIENCY (Total):          79.9 %
EFFICIENCY (Downlight):     79.9 %
EFFICIENCY (Uplight):       0.0 %
CIE CLASSIFICATION:        DIRECT
SPACING CRITERION (0-Deg.): 1.27
SPACING CRITERION (90-Deg.): 1.46
LUMENS/LAMP:                2950
NO. OF LAMPS:               2
LUMINOUS OPENING:          RECTANGULAR
    Width:                   0.85 (Feet)
    Length:                   3.94
    Height:                   0.00
INPUT WATTS:                 56
RP-1-93 VDT CONFORMANCE:   NON-CONFORMING
```

## ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	1228.0	20.8	26.0
0 - 40	2045.0	34.7	43.4
0 - 60	3777.8	64.0	80.1
60 - 90	938.4	15.9	19.9
0 - 90	4716.2	79.9	100.0
90 - 180	0.0	0.0	0.0
0 - 180	4716.2	79.9	100.0

## CANDELA PLOT



Quadrilaterally Symmetric  
Dashed: 0 Degrees Solid: 90 Degrees

## AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	4758	4758	4758	4758	4758
45	4571	4931	5536	5914	6046
55	4142	4760	5445	5905	5978
65	3489	4373	5028	5119	5150
75	2239	3234	3396	3794	4043
85	628	1108	813	887	923

## 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	.95	.95	.95	.95	.93	.93	.93	.93	.89	.89	.89	.85	.85	.85	.82	.82	.82	.80
1	.87	.83	.80	.77	.85	.82	.79	.76	.78	.76	.73	.75	.73	.71	.72	.71	.69	.67
2	.79	.73	.67	.63	.77	.71	.66	.62	.68	.64	.60	.66	.62	.59	.63	.60	.58	.56
3	.72	.64	.57	.52	.70	.62	.56	.51	.60	.55	.50	.58	.53	.50	.56	.52	.49	.47
4	.66	.56	.49	.44	.64	.55	.49	.43	.53	.47	.43	.51	.46	.42	.49	.45	.42	.40
5	.60	.50	.43	.37	.59	.49	.42	.37	.47	.41	.37	.46	.41	.36	.44	.40	.36	.34
6	.56	.45	.38	.33	.54	.44	.37	.32	.43	.37	.32	.41	.36	.32	.40	.35	.31	.30
7	.52	.41	.34	.29	.50	.40	.33	.28	.39	.33	.28	.38	.32	.28	.36	.32	.28	.26
8	.48	.37	.30	.25	.47	.36	.30	.25	.35	.29	.25	.34	.29	.25	.33	.28	.25	.23
9	.45	.34	.27	.23	.44	.33	.27	.23	.32	.27	.23	.32	.26	.22	.31	.26	.22	.21
10	.42	.31	.25	.21	.41	.31	.25	.20	.30	.24	.20	.29	.24	.20	.28	.24	.20	.19

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## CANDELA TABLE

Vertical Angle	Horizontal Angles				
	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	1478	1478	1478	1478	1478
5	1480	1479	1482	1484	1482
10	1490	1493	1505	1514	1518
15	1466	1476	1498	1521	1527
20	1435	1452	1492	1526	1537
25	1361	1386	1440	1482	1503
30	1270	1308	1377	1443	1466
35	1178	1225	1313	1386	1410
40	1078	1139	1249	1328	1352
45	1004	1083	1216	1299	1328
50	866	954	1083	1162	1191
55	738	848	970	1052	1065
60	592	706	809	853	856
65	458	574	660	672	676
70	312	416	458	473	482
75	180	260	273	305	325
80	77	115	140	120	111
85	17	30	22	24	25
90	0	0	0	0	0