

Photometric Report

CATALOG NUMBER: CATALOG NO. : BA-143F32*-3AP3

FILENAME: BA-143F32GF-XAP3_IES.HTM

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<!-- saved from url=(0059)http://www.guth.com/photometry/uploads/BA-143F32GF-XAP3.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.P11450. (8159.0-2 .96)
[MANUFAC] GUTH LIGHTING - ST. LOUIS, MO
[LUMINAIRE] 3/32W T8 LAMP 1x4'DIRECT RECESSED LUMINAIRE
[LUMINAIRE] WHITE BODY w/PRISMATIC LENS - PRISMS UP REFL=92%
[LUMINAIRE] # R2P32-TP & R1P32 WATTS=118
[LUMCAT]CATALOG NO. : BA-143F32*-3AP3
[LAMP CAT]LAMP CODE : F32T8/735/RS
```

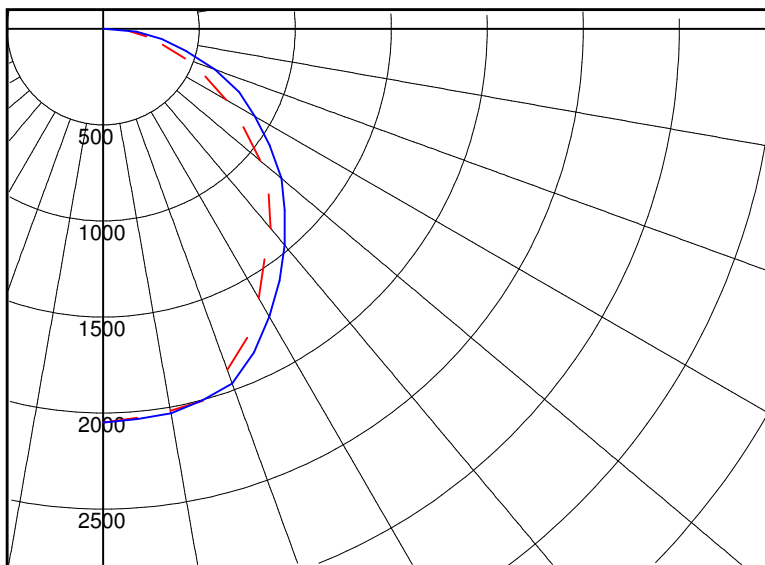
SUMMARY DATA

```
EFFICIENCY (Total):          66.8 %
EFFICIENCY (Downlight):     66.8 %
EFFICIENCY (Uplight):       0.0 %
CIE CLASSIFICATION:        DIRECT
SPACING CRITERION (0-Deg.): 1.18
SPACING CRITERION (90-Deg.): 1.25
LUMENS/LAMP:                2850
NO. OF LAMPS:               3
LUMINOUS OPENING:          RECTANGULAR
    Width:                   0.76 (Feet)
    Length:                   3.76
    Height:                    0.00
INPUT WATTS:                 118
RP-1-93 VDT CONFORMANCE:   NON-CONFORMING
```

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	1593.0	18.6	27.9
0 - 40	2564.1	30.0	44.9
0 - 60	4442.8	52.0	77.8
60 - 90	1267.1	14.8	22.2
0 - 90	5709.9	66.8	100.0
90 - 180	0.0	0.0	0.0
0 - 180	5709.9	66.8	100.0

CANDELA PLOT



Quadralaterally Symmetric
Dashed: 0 Degrees Solid: 90 Degrees

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	7726	7726	7726	7726	7726
45	6494	6611	6941	7064	7117
55	5851	6068	6554	6909	6941
65	5223	5562	6391	6863	6970
75	4672	4977	5923	6273	6476
85	5748	6007	6612	7174	7520

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	50	30	10	0
RCR																					
0	.80	.80	.80	.80	.78	.78	.78	.78	.74	.74	.74	.71	.71	.71	.68	.68	.68	.68	.68	.68	.67
1	.72	.69	.66	.63	.71	.68	.65	.62	.65	.62	.60	.62	.60	.59	.60	.58	.57	.57	.57	.57	.55
2	.66	.60	.55	.52	.64	.59	.55	.51	.56	.53	.50	.54	.51	.49	.52	.50	.48	.46	.46	.46	.46
3	.60	.53	.47	.43	.58	.52	.47	.42	.50	.45	.42	.48	.44	.41	.46	.43	.40	.39	.39	.39	.39
4	.55	.47	.41	.36	.53	.46	.40	.36	.44	.39	.36	.43	.38	.35	.41	.38	.35	.33	.33	.33	.33
5	.50	.42	.36	.31	.49	.41	.35	.31	.40	.35	.31	.38	.34	.30	.37	.33	.30	.29	.29	.29	.29
6	.47	.38	.32	.27	.45	.37	.31	.27	.36	.31	.27	.35	.30	.27	.34	.30	.27	.25	.25	.25	.25
7	.43	.34	.28	.24	.42	.34	.28	.24	.33	.28	.24	.32	.27	.24	.31	.27	.24	.22	.22	.22	.22
8	.40	.31	.26	.22	.39	.31	.25	.22	.30	.25	.21	.29	.25	.21	.28	.24	.21	.20	.20	.20	.20
9	.38	.29	.23	.19	.37	.28	.23	.19	.28	.23	.19	.27	.22	.19	.26	.22	.19	.18	.18	.18	.18
10	.35	.27	.21	.18	.34	.26	.21	.18	.25	.21	.18	.25	.21	.17	.24	.20	.17	.16	.16	.16	.16

Photometric Report

CATALOG NUMBER: CATALOG NO. : BA-143F32*-3AP3

FILENAME: BA-143F32GF-XAP3_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	2051	2051	2051	2051	2051
5	2033	2033	2019	2039	2040
10	2019	2019	2023	2033	2033
15	2005	2003	2001	2001	2001
20	1890	1909	1936	1971	1965
25	1775	1786	1828	1856	1859
30	1620	1635	1700	1724	1730
35	1464	1506	1568	1590	1602
40	1355	1386	1442	1462	1469
45	1219	1241	1303	1326	1336
50	1068	1091	1162	1199	1211
55	891	924	998	1052	1057
60	739	773	862	904	912
65	586	624	717	770	782
70	454	477	573	600	619
75	321	342	407	431	445
80	228	239	278	295	309
85	133	139	153	166	174
90	0	0	0	0	0