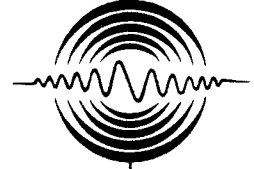


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

1618 HEADLAND DR.
 FENTON, MO 63026
 (636) - 343-6006
 (636) - 343-6051 FAX

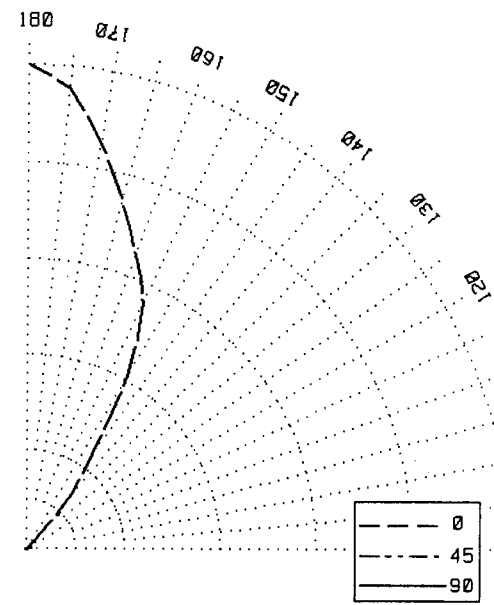


BALLABS CERTIFIED TEST REPORT NO.: 16121.0 DATE 05/11/11
 PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
 DESCRIPTION: GE VIO LED 5.9375" TALL 3.625" DIA CYLINDER WALL SCNCE
 50DEG SPEC REFL-CLEAR LENS TOP/CLOSED CAP DOWN
 THOMAS RESEARCH #LED12W-36-C0350 WATTS=8.38

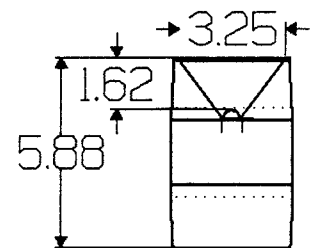
CATALOG NBR: GL-6541-R5-CC
 LAMP TYPE : VIO/7_2W/835 RATED LUMENS NA. NBR. LAMPS:- 1

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	0.	.0
5	0.	.0
10	0.	.0
15	0.	.0
20	0.	.0
25	0.	.0
30	0.	.0
35	0.	.0
40	0.	.0
45	0.	.0
50	0.	.0
55	0.	.0
60	0.	.0
65	0.	.0
70	0.	.0
75	0.	.0
80	0.	.0
85	0.	.0
90	0.	.0
95	0.	.0
100	0.	.0
105	1.	1.5
110	2.	1.0
115	1.	.9
120	1.	7.0
125	1.	33.6
130	1.	59.0
135	9.	48.1
140	32.	20.7
145	53.	
150	95.	
155	127.	
160	147.	
165	170.	
170	193.	
175	217.	
180	227.	



Handwritten signature



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	0.	NA.	.0	90-120	3.	NA.	1.5
0- 40	0.	NA.	.0	90-130	4.	NA.	2.1
0- 60	0.	NA.	.0	90-150	44.	NA.	25.7
0- 90	0.	NA.	.0	90-180	172.	NA.	100.0
TOTAL LUMINAIRE =				0-180	172.	NA.	100.0

SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS CERTIFIED TEST REPORT NO.: 16121.0 DATE 05/11/11
PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
DESCRIPTION: GE VIO LED 5.9375"TALL 3.625"DIA CYLINDER WALL SCONCE
50DEG SPEC REFL-CLEAR LENS TOP/CLOSED CAP DOWN
THOMAS RESEARCH #LED12W-36-C0350 WATTS=8.38

CATALOG NBR: GL-6541-R5-CC

LAMP TYPE : VIO/7_2W/835 RATED LUMENS NA. NBR. LAMPS:- 1

LUMINOUS EFFICACY (LUMENS / WATTS) = 20.6

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS
UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08 ,