BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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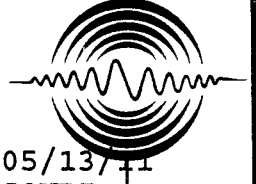
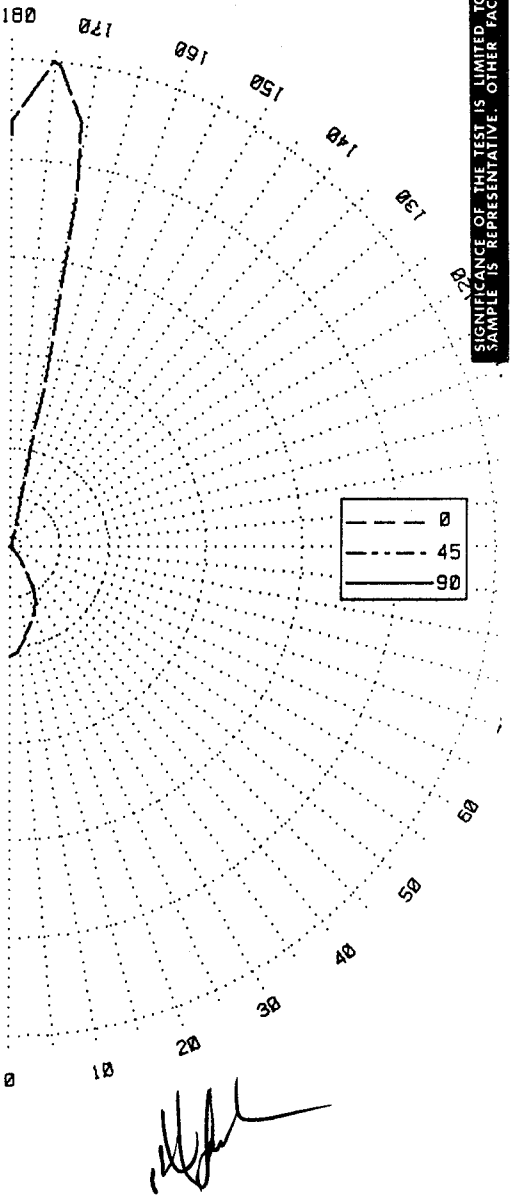


BALLABS CERTIFIED TEST REPORT NO.: 16122.0 DATE 05/13/11
PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
DESCRIPTION: DUAL GE VIO LED 7.5625"TALL 3.625"DIA CYLINDER WALL SCONCE
20 DEG FACETED SPEC REFL-FRESNEL LENS TOP/50DEG SPEC REFL
CLEAR LENS DOWN THOMAS RESEARCH #LED25W720C0350 WATTS=15.
CATALOG NBR: GL-6542-R2-R5
LAMP TYPE : VIO/7_2W/835 RATED LUMENS NA. NBR. LAMPS:- 2

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	214.	
5	204.	19.5
10	179.	
15	158.	44.7
20	139.	
25	121.	55.8
30	87.	
35	48.	30.1
40	29.	
45	6.	4.4
50	1.	
55	2.	2.0
60	1.	
65	2.	1.8
70	2.	
75	1.	1.2
80	0.	
85	0.	.0
90	0.	
95	0.	.0
100	0.	
105	0.	.0
110	0.	
115	0.	.0
120	0.	
125	0.	.0
130	1.	
135	2.	1.9
140	3.	
145	5.	3.4
150	8.	
155	10.	4.7
160	15.	
165	50.	14.1
170	778.	
175	984.	93.9
180	840.	



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	120.	NA.	43.2	90-120	0.	NA.	.0
0- 40	150.	NA.	54.1	90-130	0.	NA.	.0
0- 60	156.	NA.	56.4	90-150	5.	NA.	1.9
0- 90	160.	NA.	57.5	90-180	118.	NA.	42.5
		TOTAL LUMINAIRE =		0-180	277.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= .8 DIAGONAL= .6

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CLEAR LENS DOWN THOMAS RESEARCH #LED25W720C0350 WATTS=15.4
CATALOG NBR: GL-6542-R2-R5
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LUMINANCES-CD/SQ-M
HORIZONTAL ANGLE

VERT ANGLE	0
45	1488.
55	734.
65	809.
75	813.
85	0.

MAXIMUM BRIGHTNESSES NOT MEASURED

****

LUMINOUS EFFICACY (LUMENS / WATTS) = 18.1

BEAM ANGLE = 54.2

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