

# BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

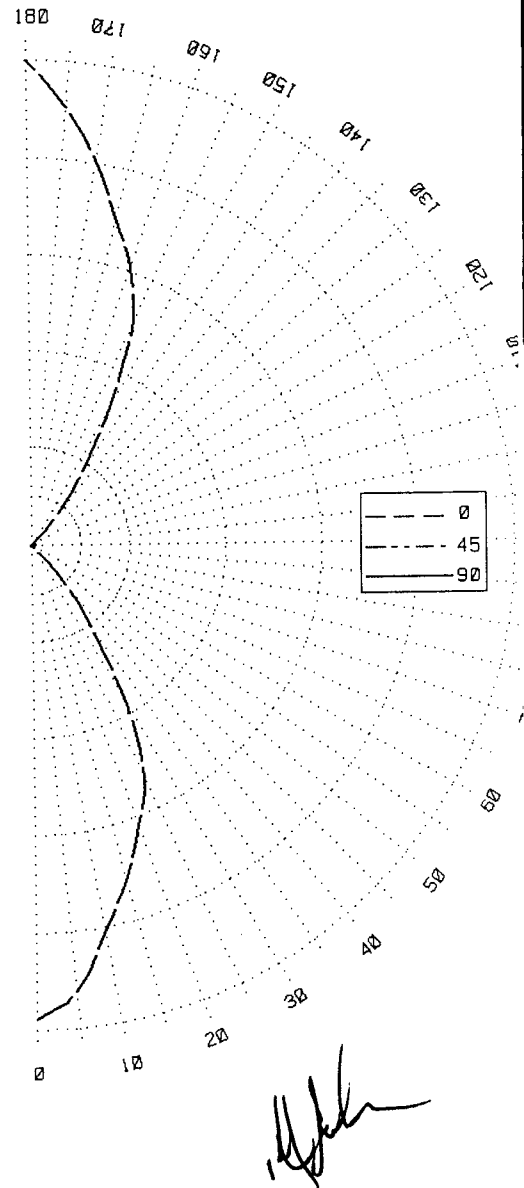
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BALLABS CERTIFIED TEST REPORT NO.: 16120.0 DATE 05/13/11  
 PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI  
 DESCRIPTION: DUAL GE VIO LED 6" TALL 3.625" DIA CYLINDER WALL SCONCE  
 50 DEGREE SPECULAR REFLECTORS TOP / BOTTOM w/CLEAR LENSES  
 THOMAS RESEARCH #LED25W-72-C0350 WATTS=15.36  
 CATALOG NBR: GL-6541-R5-R5  
 LAMP TYPE : VIO/7\_2W/835 RATED LUMENS NA. NBR. LAMPS:- 2

## CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	197.	17.9
5	188.	41.2
10	165.	50.5
15	145.	26.7
20	126.	3.6
25	109.	.0
30	77.	.0
35	43.	.0
40	25.	.0
45	5.	.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.	.6
105	1.	1.1
110	1.	.6
115	1.	1.7
120	1.	24.2
125	1.	47.1
130	0.	40.2
135	2.	17.6
140	20.	
145	39.	
150	68.	
155	102.	
160	124.	
165	142.	
170	164.	
175	185.	
180	202.	



## LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	110.	NA.	40.2	90-120	2.	NA.	.6
0- 40	136.	NA.	49.9	90-130	2.	NA.	.8
0- 60	140.	NA.	51.3	90-150	28.	NA.	10.3
0- 90	140.	NA.	51.3	90-180	133.	NA.	48.7
TOTAL LUMINAIRE =				0-180	273.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= .8 DIAGONAL= .5

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

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LUMINANCES-CD/SQ-M  
 HORIZONTAL ANGLE

VERT ANGLE	0
45	1228.
55	0.
65	0.
75	0.
85	0.

\*\*MAXIMUM BRIGHTNESSES NOT MEASURED\*\*

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LUMINOUS EFFICACY (LUMENS / WATTS) = 17.8

BEAM ANGLE = 53.3

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

