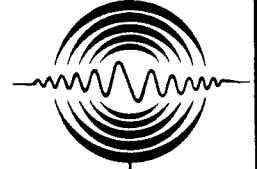


Building Acoustics & Lighting Laboratories, Inc.

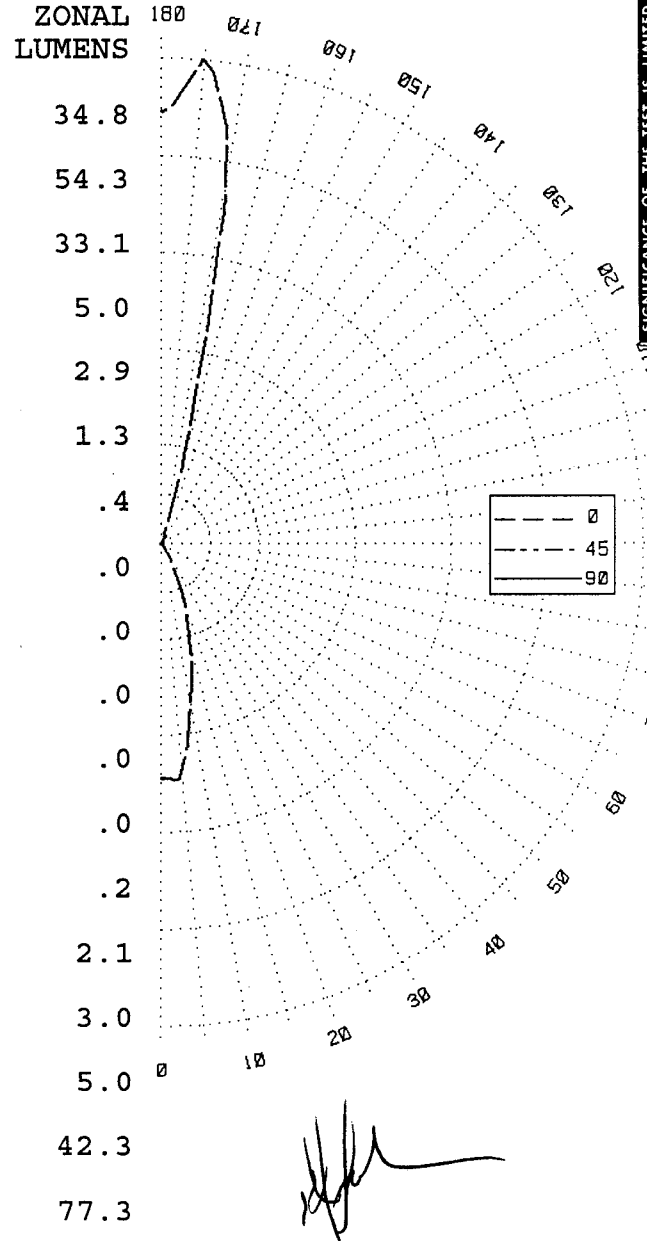
1618 HEADLAND DR.
 FENTON, MO 63026
 (636) - 343-6006
 (636) - 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 16118.0 DATE 05/13/11
 PREPARED FOR: G-LIGHTING/GROSS CHANDELIER - ST. LOUIS, MISSOURI
 DESCRIPTION: DUAL GE VIO LED 9.125" TALL 3.625" DIA CYLINDER WALL SCONCE
 20 DEG FACETED SPEC REFL-FRESNEL LENS TOP/30DEG BRIGHT DIP
 CLEAR LENS DOWN THOMAS RESEARCH #LED25W72C0350 WATTS=15.5
 CATALOG NBR: GL-6540-R2-R3
 LAMP TYPE : VIO/7_2W/835 RATED LUMENS NA. NBR. LAMPS:- 2

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	395.
5	365.
10	279.
15	192.
20	122.
25	72.
30	27.
35	8.
40	2.
45	4.
50	0.
55	1.
60	0.
65	0.
70	1.
75	0.
80	0.
85	0.
90	0.
95	0.
100	0.
105	0.
110	0.
115	0.
120	0.
125	0.
130	2.
135	3.
140	4.
145	5.
150	7.
155	11.
160	14.
165	149.
170	620.
175	810.
180	722.



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	122.	NA.	46.7	90-120	0.	NA.	.0
0- 40	127.	NA.	48.6	90-130	0.	NA.	.1
0- 60	131.	NA.	50.2	90-150	5.	NA.	2.0
0- 90	132.	NA.	50.4	90-180	130.	NA.	49.6
TOTAL LUMINAIRE =				0-180	262.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= .5 DIAGONAL= .3

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	HORIZONTAL ANGLE
	0
45	988.
55	457.
65	155.
75	0.
85	0.

MAXIMUM BRIGHTNESSES NOT MEASURED

LUMINOUS EFFICACY (LUMENS / WATTS) = 16.9

BEAM ANGLE = 29.4

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

