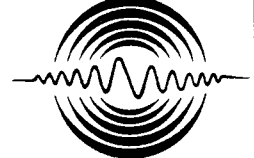


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

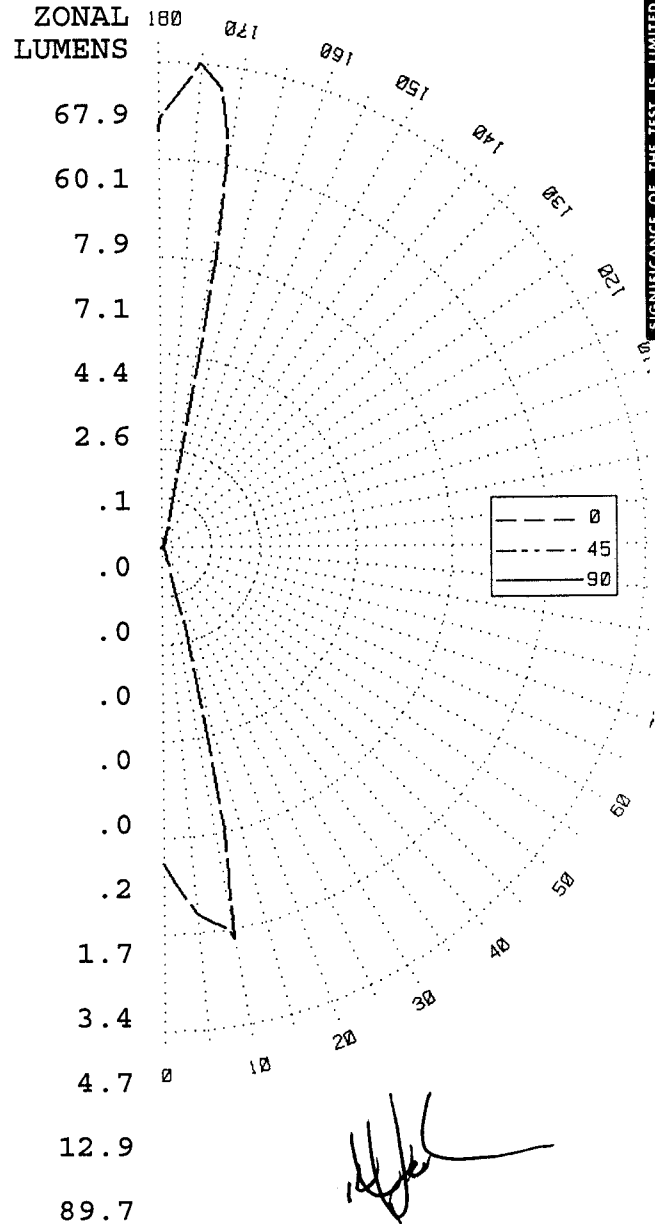
1618 HEADLAND DR.
 FENTON, MO 63026
 (636) - 343-6006
 (636) - 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 16117.0 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 REFLECTORS TOP / BOTTOM w/ FRESNEL LENS
 THOMAS RESEARCH #LED25W-72-C0350 WATTS=15.33
 CATALOG NBR: GL-6540-R2-R2
 LAMP TYPE : VIO/7_2W/835 RATED LUMENS NA. NBR. LAMPS:- 2

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	615.
5	711.
10	772.
15	212.
20	32.
25	17.
30	14.
35	11.
40	9.
45	6.
50	4.
55	3.
60	2.
65	0.
70	0.
75	0.
80	0.
85	0.
90	0.
95	0.
100	1.
105	0.
110	0.
115	0.
120	1.
125	0.
130	1.
135	2.
140	3.
145	5.
150	8.
155	10.
160	15.
165	46.
170	740.
175	940.
180	807.



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	136.	NA.	51.7	90-120	0.	NA.	.0
0- 40	143.	NA.	54.4	90-130	0.	NA.	.1
0- 60	150.	NA.	57.1	90-150	5.	NA.	2.0
0- 90	150.	NA.	57.1	90-180	113.	NA.	42.9

TOTAL LUMINAIRE = 0-180 263. NA. 100.0

IES SPACING CRITERIA: ADJACENT= .5 DIAGONAL= .4

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	1489.
55	939.
65	58.
75	0.
85	0.

MAXIMUM BRIGHTNESSES NOT MEASURED

LUMINOUS EFFICACY (LUMENS / WATTS) = 17.2

BEAM ANGLE = 23.0

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

