



UL Verification Services Inc.
7036 Snowdrift Road
Allentown, PA 18106
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Outdoor Distribution Test Report

Relevant Standards
IES LM-79-2008, ANSI C82.77-2002

Prepared For
Eye Lighting International of North America

9150 Hendricks Rd
Mentor, OH 44060-2146
United States

Catalog Number
GJS-L3-840-120-MOG (lamp only)

Order Number

11938073

Test Number

11938073.08

Test Date

2017-09-12

Prepared By

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Approved By

Alexa Lambert, Project Handler

The results contained in this report pertain only to the tested sample.
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Luminaire Description: Clear glass lens enclosure, mogul base
Lamp: 195 white LED
Mounting: Post
Ballast/Driver: One Magnachip MAP9000 driver

Lamp



Lamp Characteristics

Luminous Diameter: 3.00 in.
Luminous Height: 3.250 in.

Summary of Results

Roadway Classification: Type V, Very Long
Cutoff Classification: Noncutoff
BUG Rating: B1 U5 G2

Test Conditions

Test Temperature: 25.8 °C
Voltage: 120.0 VAC
Current: 0.2097 A
Power: 24.91 W
Power Factor: 0.990
Frequency: 60 Hz
Current THD: 13.9 %

Tested in 30 planes left side, 30 planes right side, left and right averaged
Vertical test increments are 2.5 degrees
Test distance exceeds five times the greatest luminous opening of luminaire

Laboratory results may not be representative of field performance
Ballast factors have not been applied



Distribution - Goniophotometer

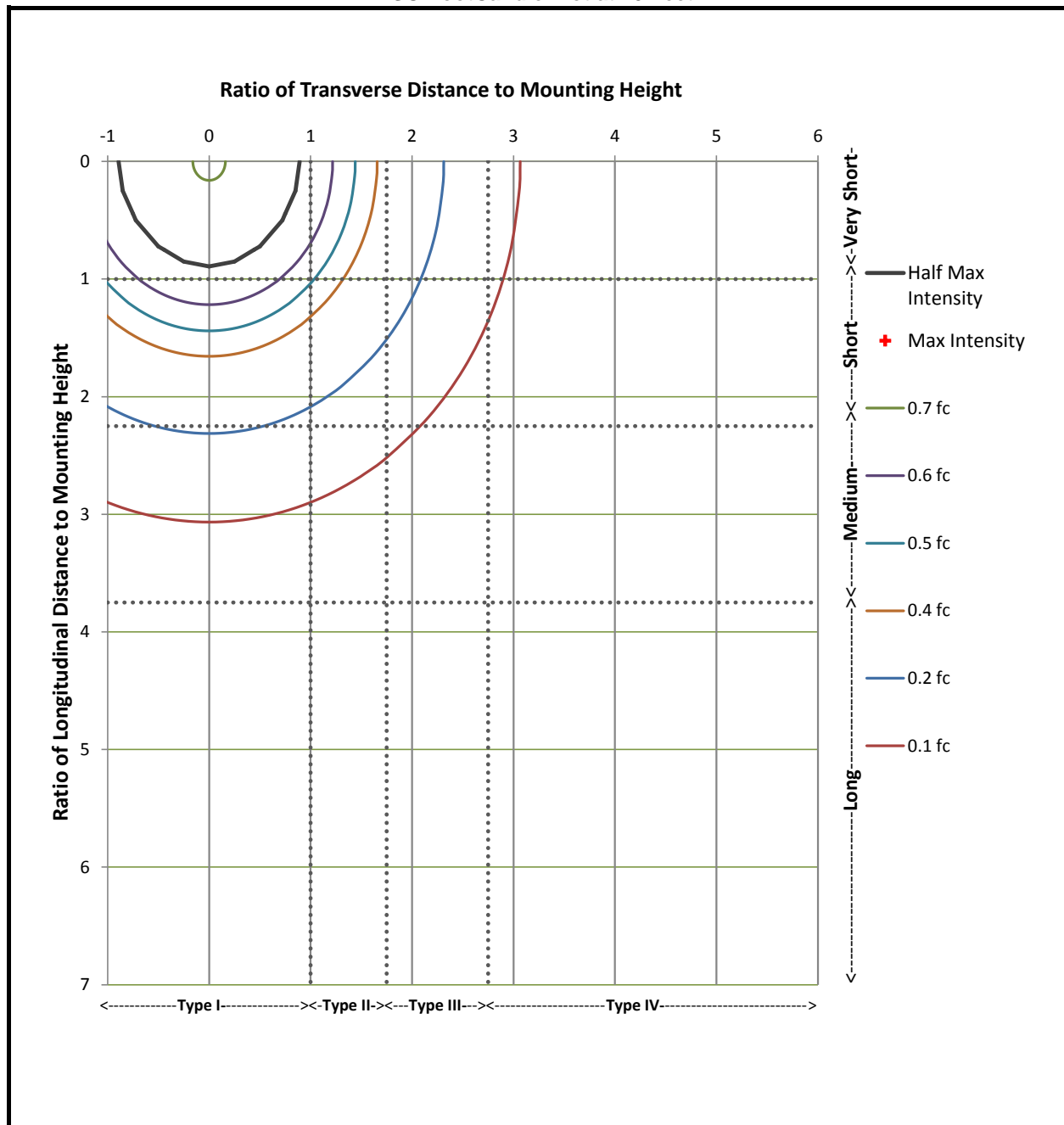
Distribution Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.8 °C	120.0 VAC	0.2097 A	24.91 W	0.990	60 Hz	13.9 %

Summary of Results

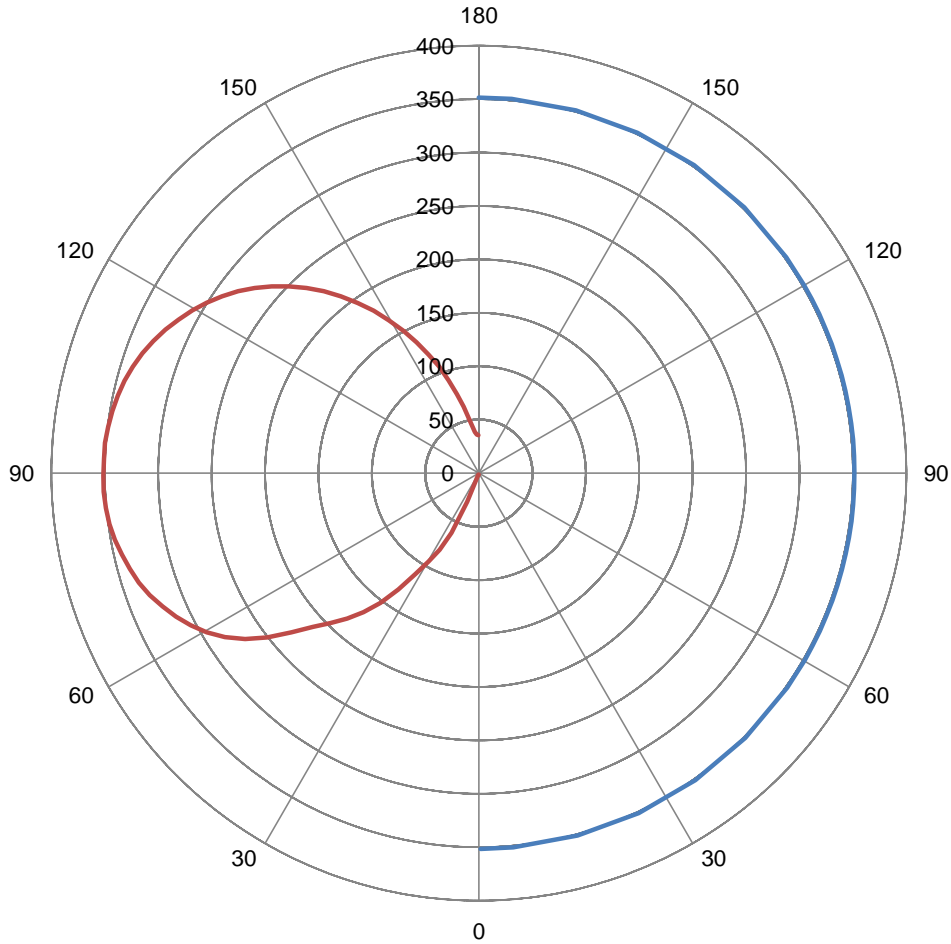
IES Roadway Classification:	Type V, Very Long	Total Lumen Output:	3288 Lumens
Cutoff Classification	Noncutoff	Luminaire Efficacy:	132.0 lm/w
BUG Rating:	B1 U5 G2	Maximum Candela:	352 Candela

ISO FootCandle Plot at 10 Feet





Maximum Plane and Cone Plots of Candela



Vertical Plane Through

0 ° Lateral

Lateral Cone Through

87.5 ° Vertical

Maximum Intensity (Candlepower):

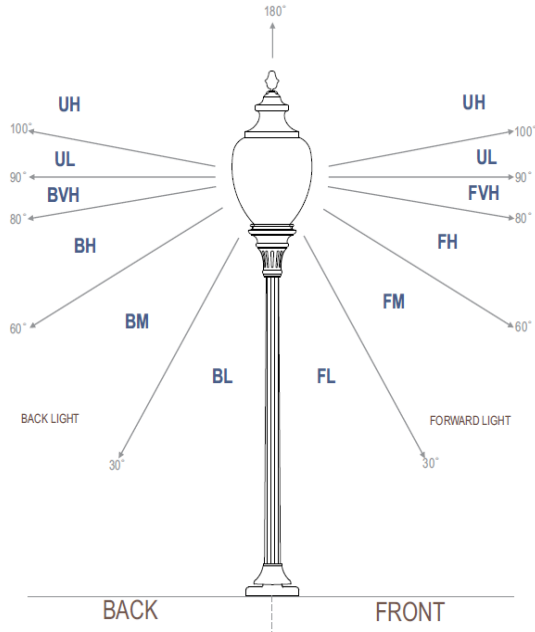
352 Candela

Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.0	0.0%	60-65	148.1	4.5%	120-125	138.8	4.2%
5-10	0.1	0.0%	65-70	162.6	4.9%	125-130	122.8	3.7%
10-15	0.1	0.0%	70-75	174.5	5.3%	130-135	105.5	3.2%
15-20	0.2	0.0%	75-80	183.3	5.6%	135-140	87.7	2.7%
20-25	6.7	0.2%	80-85	189.4	5.8%	140-145	70.1	2.1%
25-30	20.3	0.6%	85-90	192.3	5.8%	145-150	53.4	1.6%
30-35	33.4	1.0%	90-95	192.2	5.8%	150-155	38.3	1.2%
35-40	50.7	1.5%	95-100	189.9	5.8%	155-160	25.5	0.8%
40-45	68.0	2.1%	100-105	184.8	5.6%	160-165	15.2	0.5%
45-50	86.0	2.6%	105-110	176.9	5.4%	165-170	7.8	0.2%
50-55	108.8	3.3%	110-115	166.4	5.1%	170-175	3.3	0.1%
55-60	130.5	4.0%	115-120	153.5	4.7%	175-180	0.9	0.0%



IES "BUG" Rating
 (Back Light, Uplight, Glare)
 Per IES TM-15-11



Luminaire Classification System (LCS)

LCS	Zone	Lumens	Luminaire %
FL	(0-30)	13.7	0.4%
FM	(30-60)	238.7	7.3%
FH	(60-80)	334.3	10.2%
FVH	(80-90)	190.8	5.8%
BL	(0-30)	13.7	0.4%
BM	(30-60)	238.7	7.3%
BH	(60-80)	334.3	10.2%
BVH	(80-90)	190.8	5.8%
UL	(90-100)	382.1	11.6%
UH	(100-180)	1351.0	41.1%
Total		3288.2	100.0%
BUG Rating	B1 U5 G2		