IES ROAD REPORT
PHOTOMETRIC FILENAME : GA1607S-60.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] F0710068B1
[TESTLAB]
[ISSUEDATE] 19 Feb 2008
[TESTDATE] 12 Nov 2007
[MANUFAC] XLEDS USA
[LUMCAT] GA1607S-40
[LUMINAIRE] MR16 TYPE LAMP WITH 8 LED ARRAY
[LAMPCAT] 8 White LEDS IN MR16 TYPE LAMP W/GU5.3 BASE
[LAMP] LED(10 lm/ea) TOTAL LUMENS=296

CHARACTERISTICS

IES Classification	Type V
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Total Rated Lamp Lumens	296
Maximum Candela	86
Maximum Candela Angle	0H 0V
Maximum Candela At 90 Degrees Vertical	.12 (0.0% Lamp Lms)
Maximum Candela from 80 to <90 Degrees Vertical	.33 (0.1% Lamp Lms)
Downward Total Efficiency	28.0%
Total Luminaire Watts	8
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	27.5	9.3	33.2
FM - Front-Medium (30-60)	13.4	4.5	16.2
FH - Front-High (60-80)	0.4	0.1	0.5
FVH - Front-Very High (80-90)	0.1	0.0	0.1
BL - Back-Low (0-30)	27.5	9.3	33.2
BM - Back-Medium (30-60)	13.4	4.5	16.2
BH - Back-High (60-80)	0.4	0.1	0.5
BVH - Back-Very High (80-90)	0.1	0.0	0.1
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	82.8	27.8	100.0

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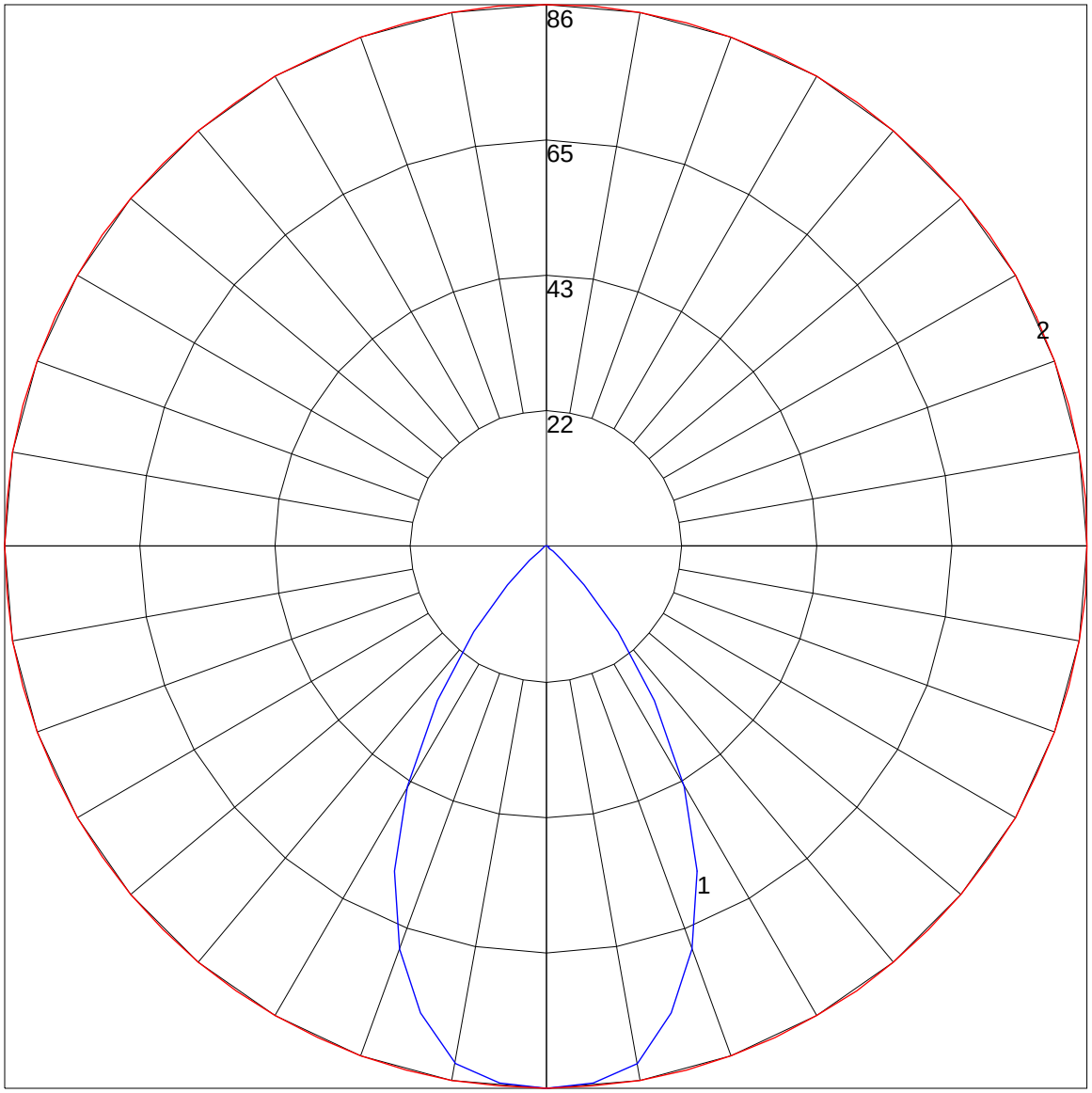
POLAR GRAPH



Maximum Candela = 86 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

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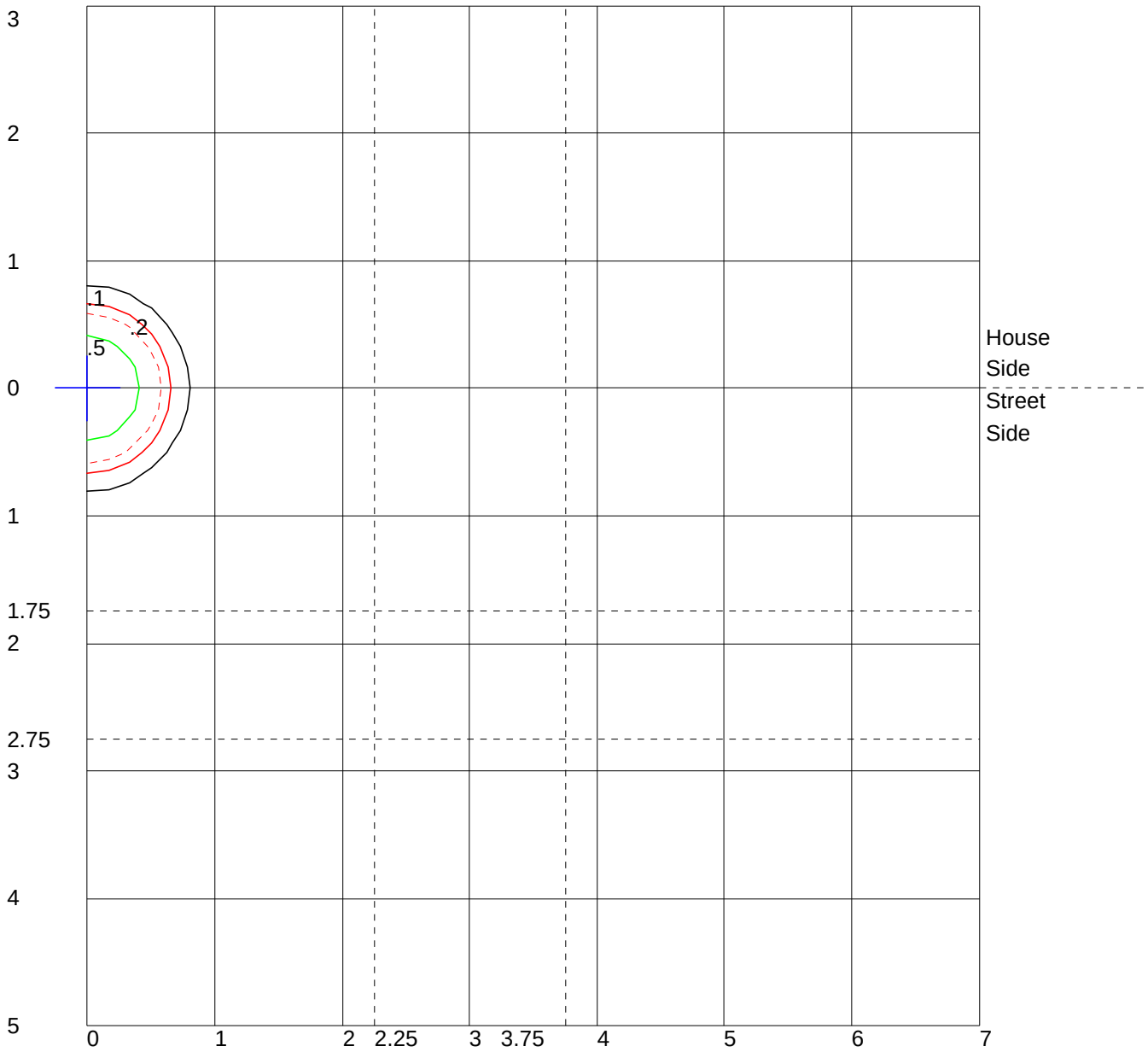
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

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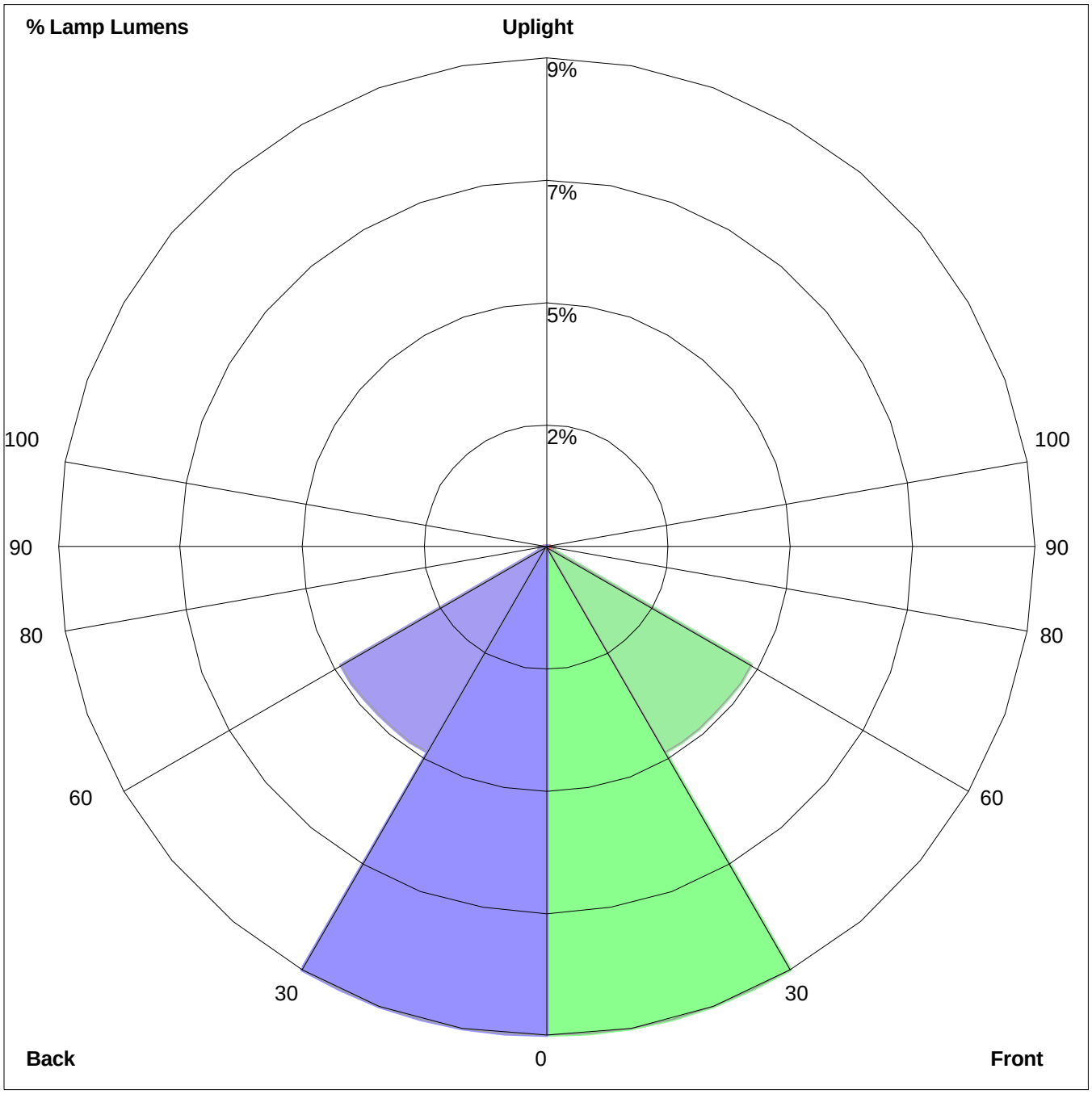
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:
Front: Low=9.3%, Medium=4.5%, High=0.1%, Very High=0.0%
Back: Low=9.3%, Medium=4.5%, High=0.1%, Very High=0.0%
Uplight: Low=0.0%, High=0.0%