

IES ROAD REPORT
PHOTOMETRIC FILENAME : GA3022S-40.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] F0710068A1
[TESTLAB]
[ISSUE DATE] 19 Feb 2008
[TEST DATE] 29 Oct 2007
[MANUFAC] XLEDS USA
[LUMCAT] GA3022S-40
[LUMINAIRE] PAR30 TYPE LAMP WITH 24 LED ARRAY
[LAMP CAT] 24 White LEDS IN PAR30 TYPE LAMP W/E26/E27 BASE
[LAMP] LED(10 lm/ea) TOTAL LUMENS=888

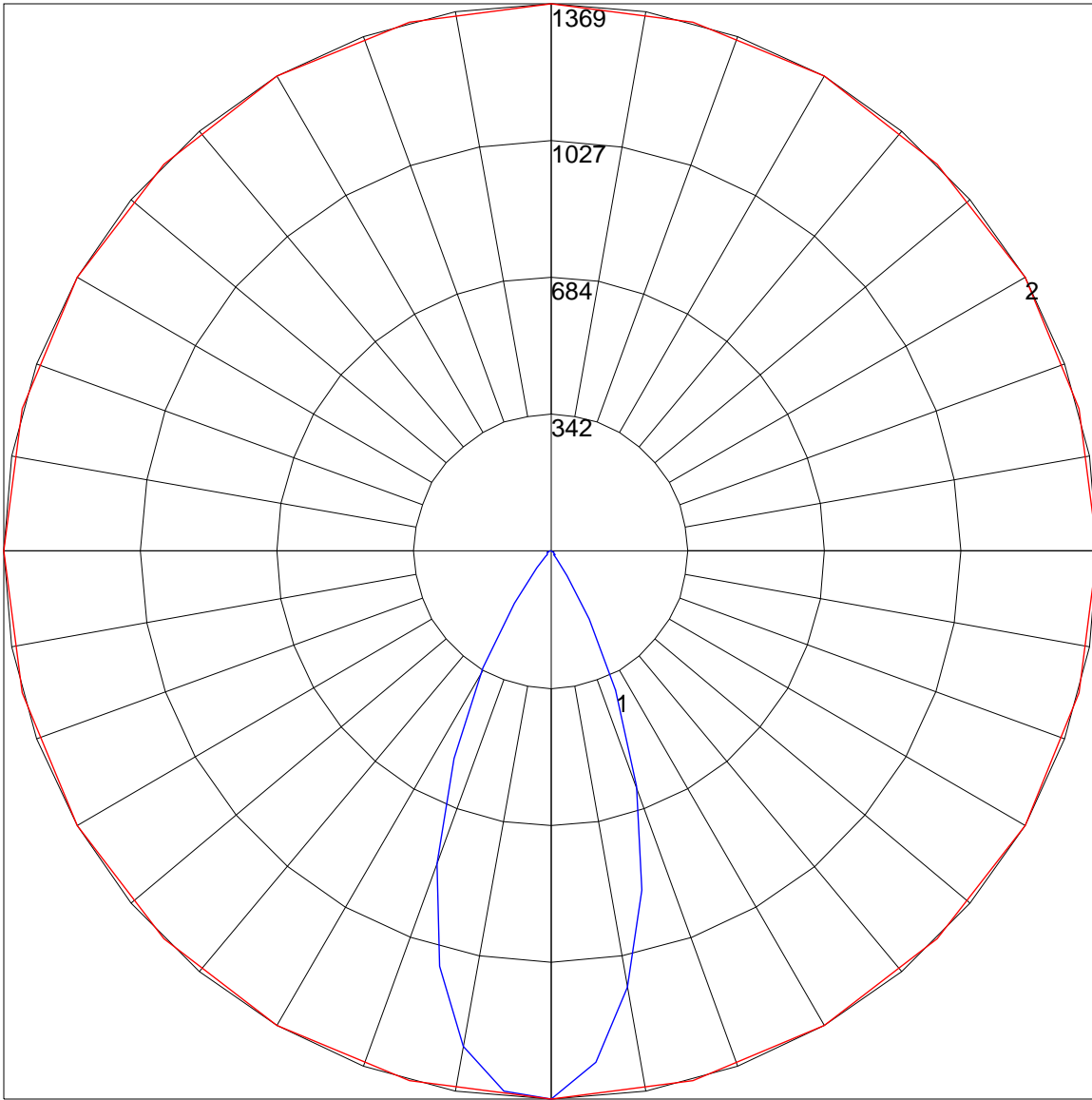
CHARACTERISTICS

IES Classification	Type I
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Total Rated Lamp Lumens	888
Maximum Candela	1368.8
Maximum Candela Angle	0H 0V
Maximum Candela At 90 Degrees Vertical	.71 (0.1% Lamp Lms)
Maximum Candela from 80 to <90 Degrees Vertical	4.99 (0.6% Lamp Lms)
Downward Total Efficiency	83.4%
Total Luminaire Watts	22
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

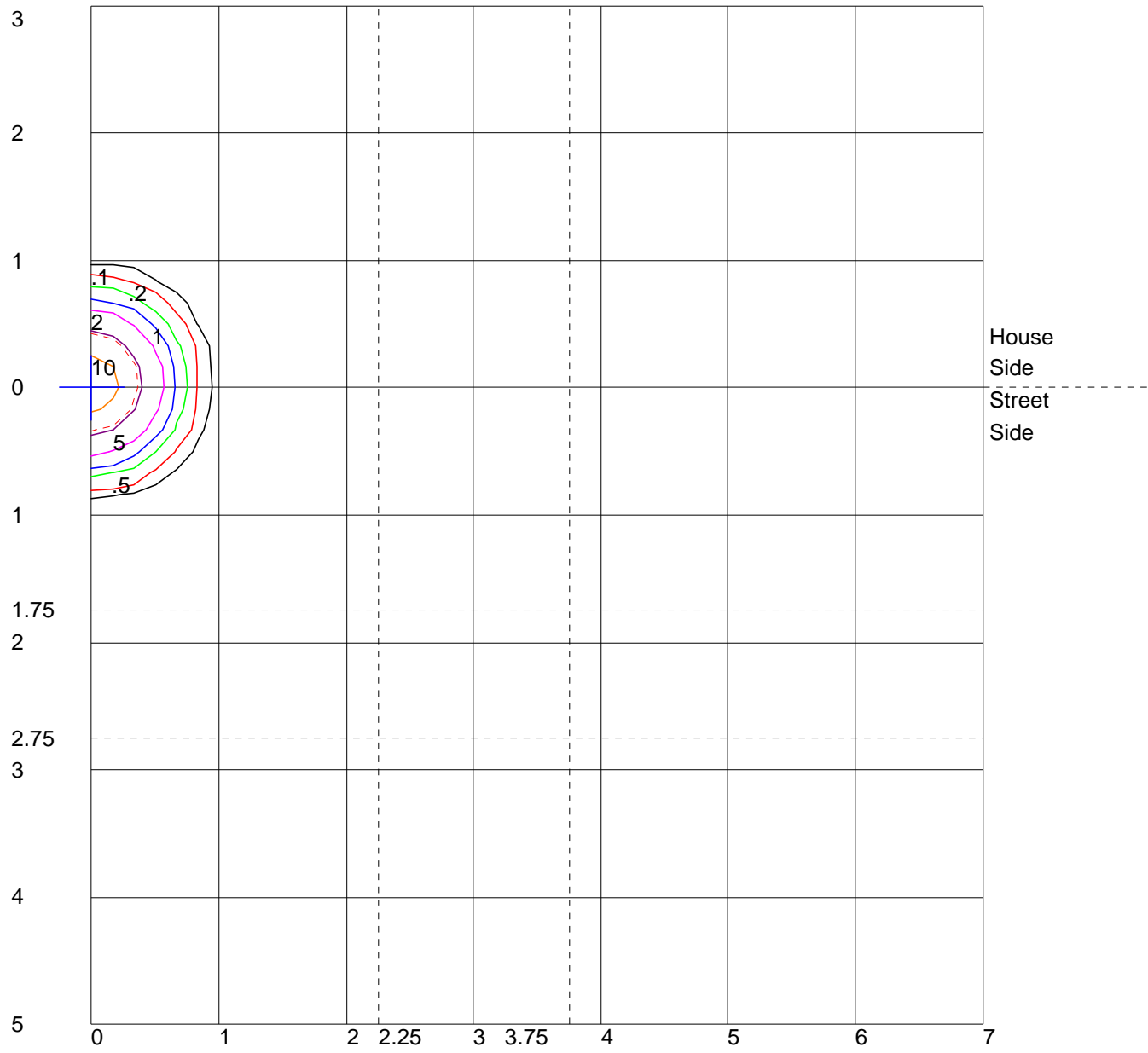
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	282.2	31.8	38.1
FM - Front-Medium (30-60)	46.7	5.3	6.3
FH - Front-High (60-80)	6.5	0.7	0.9
FVH - Front-Very High (80-90)	0.8	0.1	0.1
BL - Back-Low (0-30)	329.0	37.0	44.4
BM - Back-Medium (30-60)	67.0	7.5	9.0
BH - Back-High (60-80)	7.4	0.8	1.0
BVH - Back-Very High (80-90)	1.2	0.1	0.2
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	740.8	83.3	100.0

POLAR GRAPH



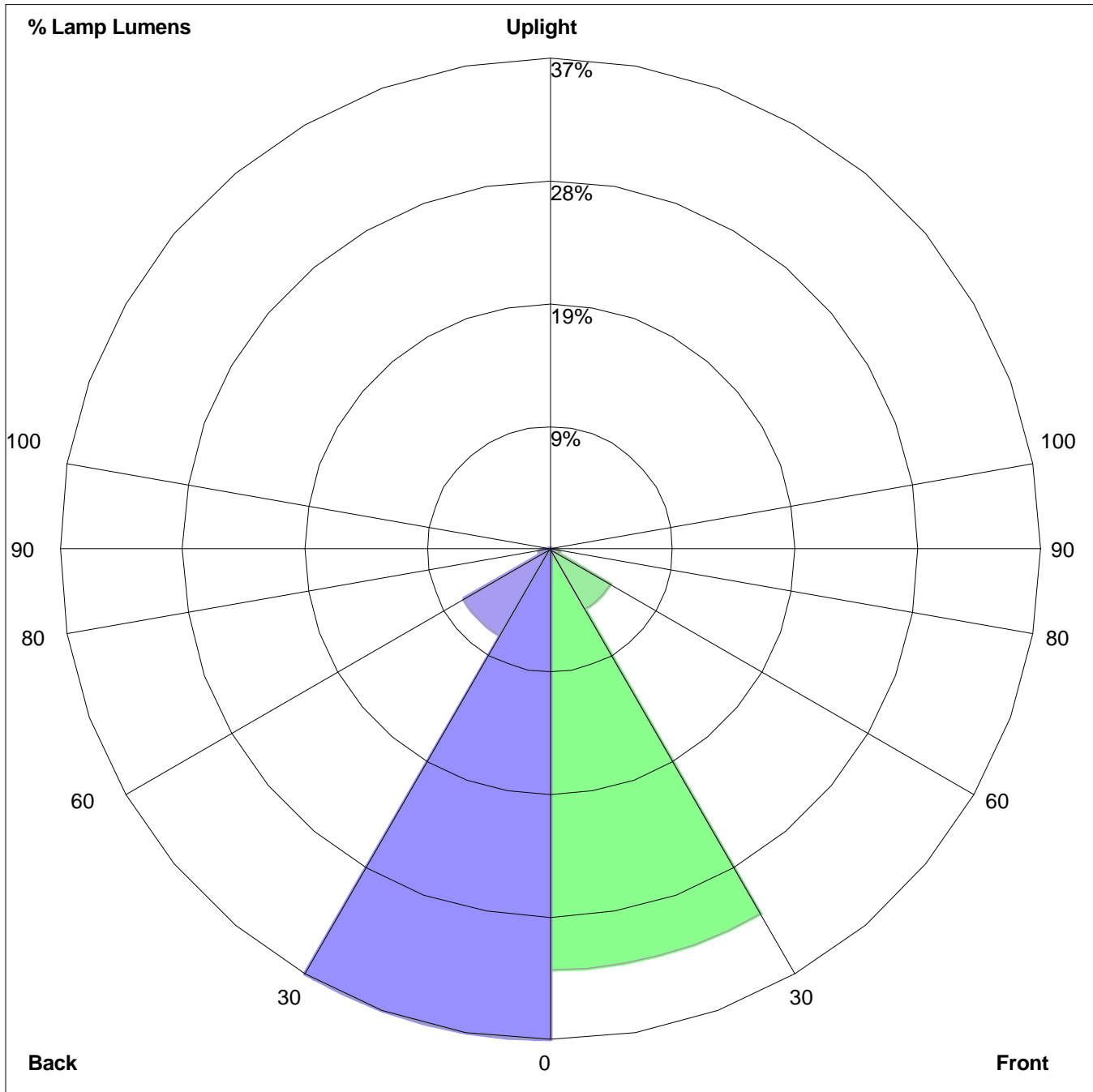
Maximum Candela = 1368.8 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

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

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:
Front: Low=31.8%, Medium=5.3%, High=0.7%, Very High=0.1%
Back: Low=37.0%, Medium=7.5%, High=0.8%, Very High=0.1%
Uplight: Low=0.0%, High=0.0%