

IES ROAD REPORT
PHOTOMETRIC FILENAME : GA3022S-80.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] F0712057A1
[TESTLAB]
[ISSUE DATE] 19 Feb 2008
[TEST DATE] 20 Dec 2007
[MANUFAC] XLEDS USA
[LUMCAT] GA3022S-80
[LUMINAIRE] PAR30 TYPE LAMP WITH 24 LED ARRAY
[LAMPCAT] 24 White LEDS IN PAR30 TYPE LAMP W/E26/E27 BASE
[LAMP] LED(10 lm/ea) TOTAL LUMENS=888

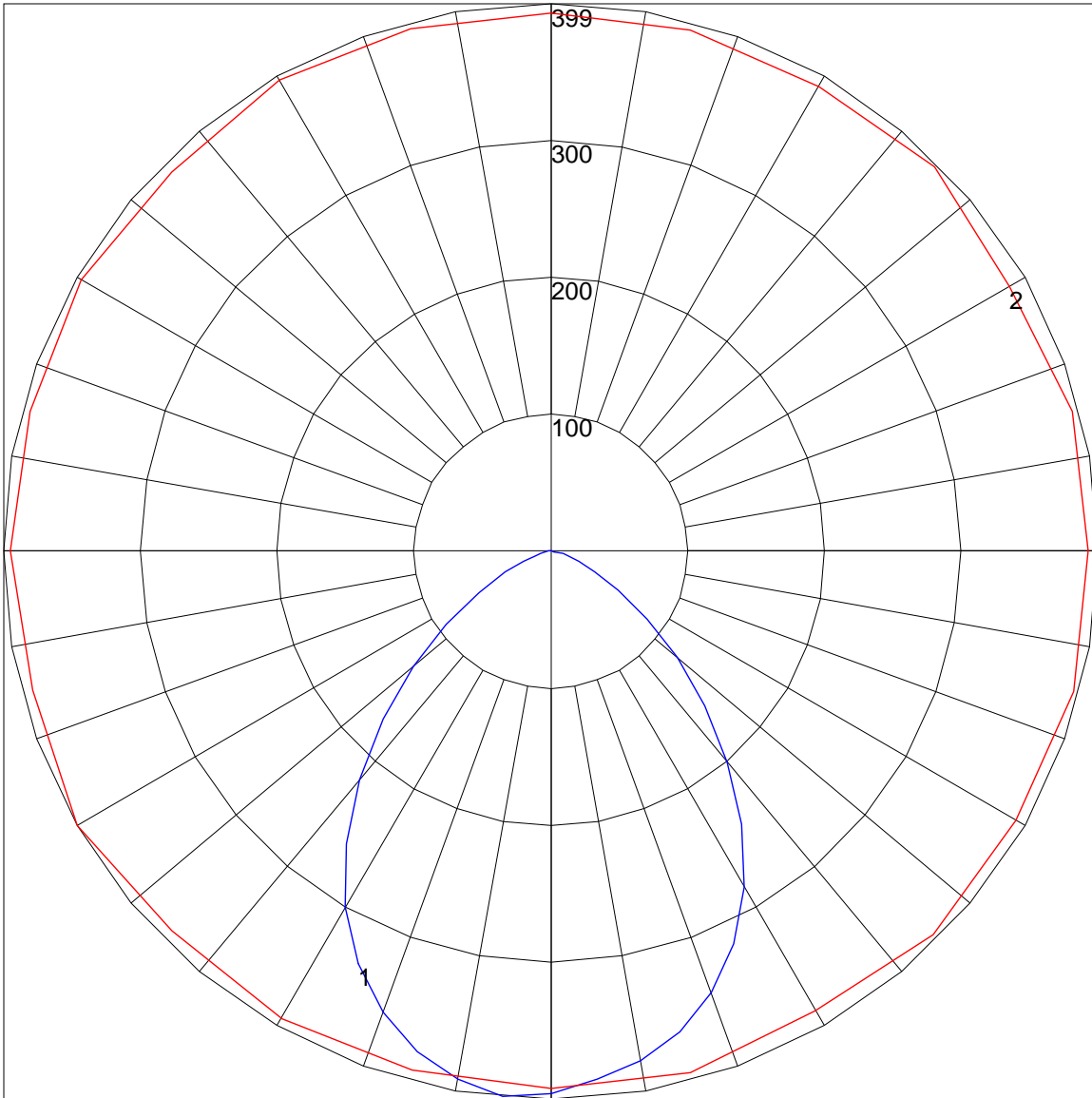
CHARACTERISTICS

IES Classification	Type I
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Full Cutoff
Total Rated Lamp Lumens	888
Maximum Candela	399.47
Maximum Candela Angle	210H 5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lms)
Maximum Candela from 80 to <90 Degrees Vertical	9.9 (1.1% Lamp Lms)
Downward Total Efficiency	79.7%
Total Luminaire Watts	22
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

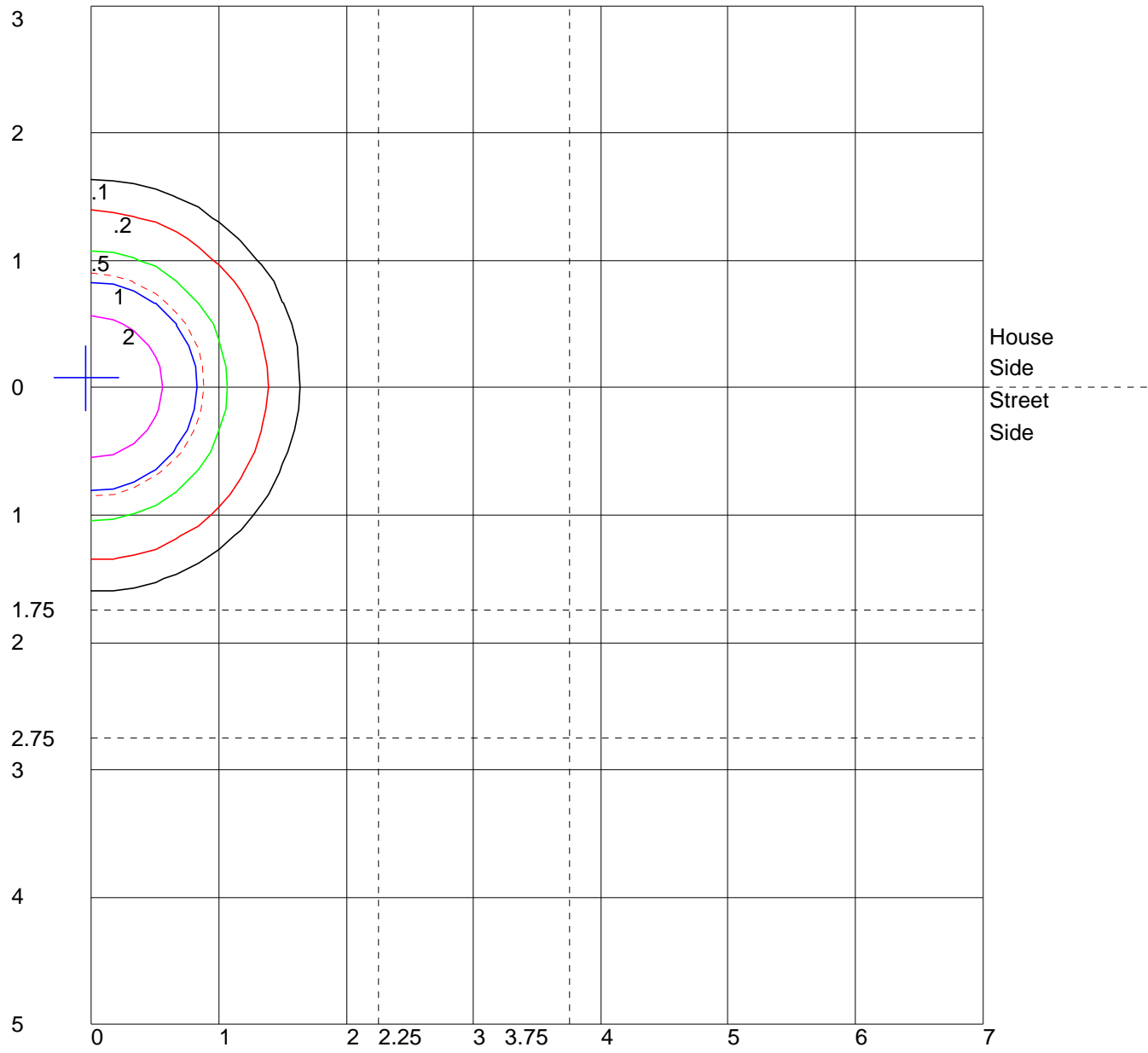
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	144.0	16.2	20.3
FM - Front-Medium (30-60)	178.1	20.1	25.2
FH - Front-High (60-80)	24.0	2.7	3.4
FVH - Front-Very High (80-90)	1.5	0.2	0.2
BL - Back-Low (0-30)	146.1	16.5	20.6
BM - Back-Medium (30-60)	186.7	21.0	26.4
BH - Back-High (60-80)	25.9	2.9	3.7
BVH - Back-Very High (80-90)	1.6	0.2	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	707.9	79.8	100.0

POLAR GRAPH



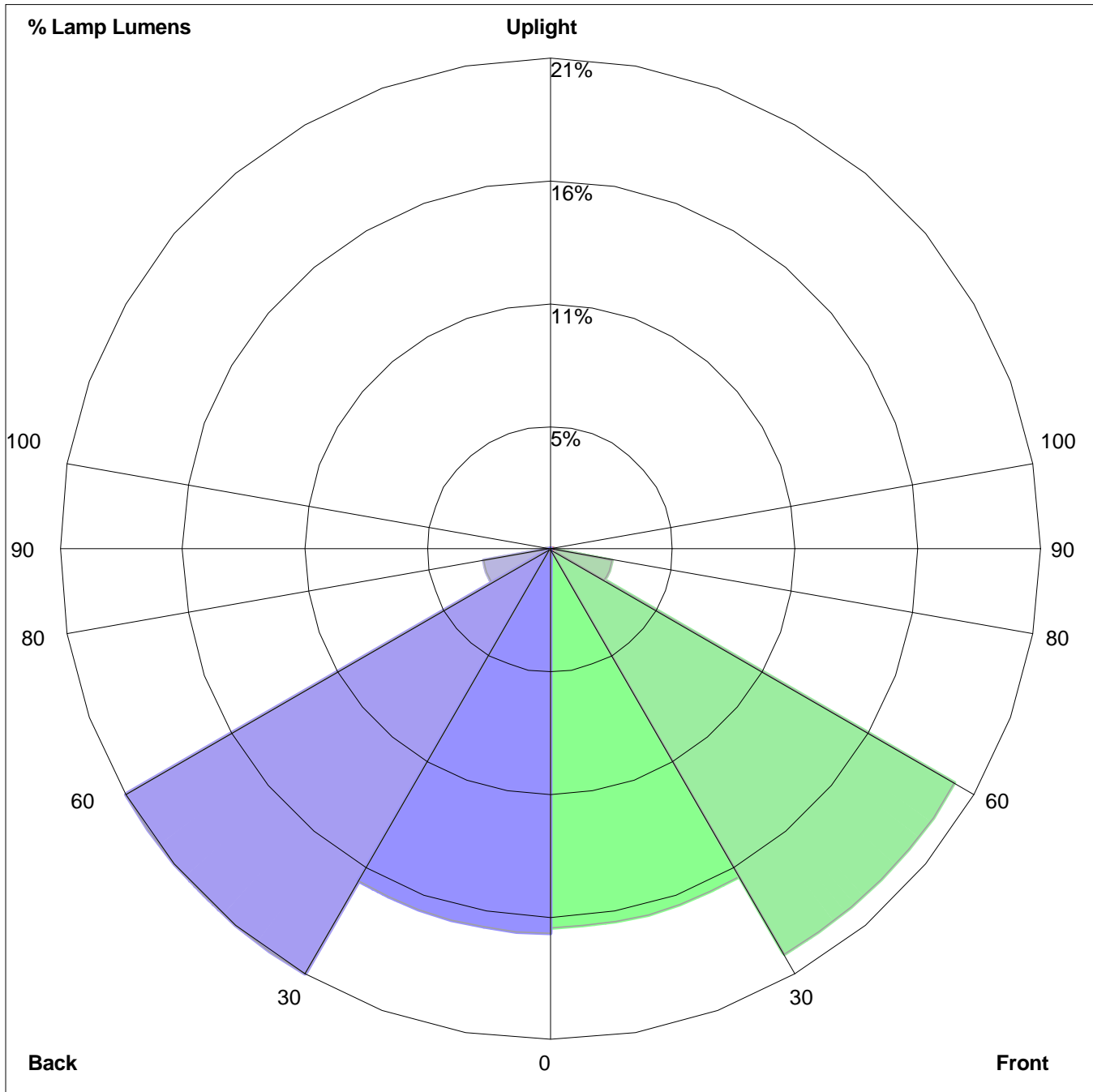
Maximum Candela = 399.47 Located At Horizontal Angle = 210, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (210 - 30) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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=16.2%, Medium=20.1%, High=2.7%, Very High=0.2%
 Back: Low=16.5%, Medium=21.0%, High=2.9%, Very High=0.2%
 Uplight: Low=0.0%, High=0.0%