



IES ROAD REPORT

PHOTOMETRIC FILENAME : IES_GREENSHINE_GS-LED-B6-30W 6500K - TYPE V V2.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB] EVERFINE
 [TESTDATE] 2012-06-25
 [ISSUEDATE] 2012-08-23 16:21:57
 [NEARFIELD]
 [LAMPPOSITION] 0,0
 [OTHER] EVERFINE GO-2000A SYSTEM
 [MANUFAC] Greenshine New Energy
 [LUMCAT] GS-LED-B6 30W 6500K
 [LUMINAIRE] 24 PCS CREE XTE LAMP 6500K 30W
 [LAMPCAT] XTE
 [LAMP] 24 PCS CREE XTE LAMP 6500K 30W

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2622
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	30.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1259.68
Maximum Candela Angle	100H 54V
Maximum Candela (<90 Degrees Vertical)	1259.68
Maximum Candela Angle (<90 Degrees Vertical)	100H 54V
Maximum Candela At 90 Degrees Vertical	12.21 (0.5% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	63.22 (2.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



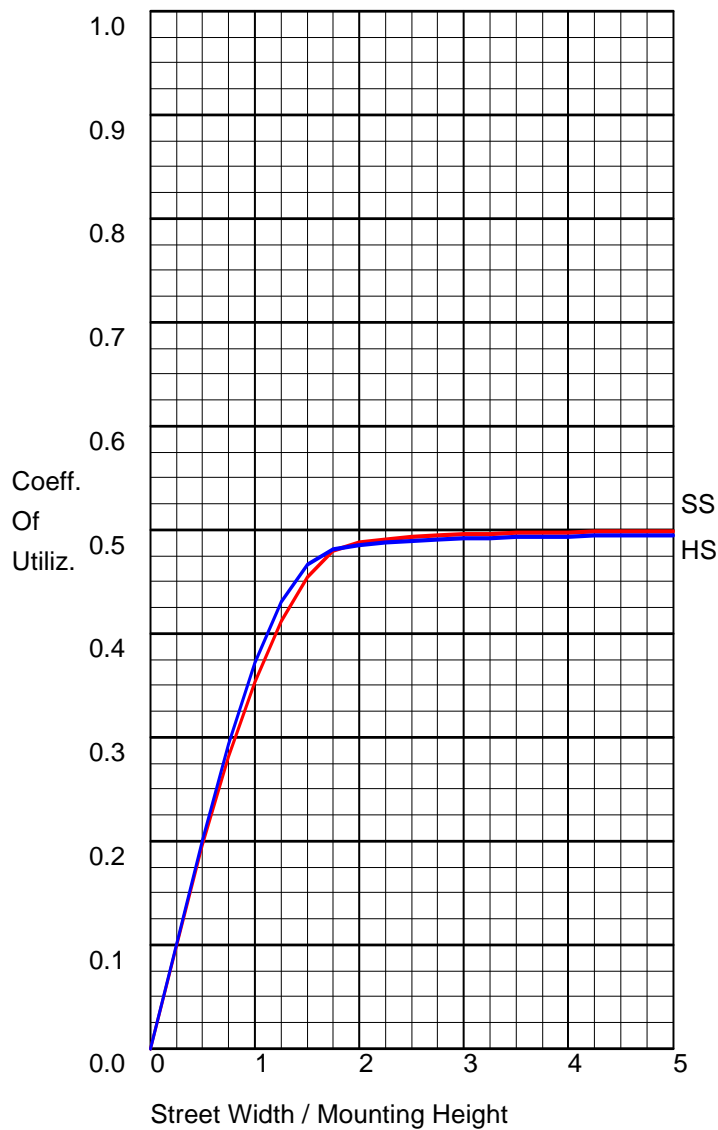
IES ROAD REPORT**PHOTOMETRIC FILENAME : IES_GREENSHINE_GS-LED-B6-30W 6500K - TYPE V V2.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	192.3	N.A.	7.3
FM - Front-Medium (30-60)	979.8	N.A.	37.4
FH - Front-High (60-80)	133.2	N.A.	5.1
FVH - Front-Very High (80-90)	11.1	N.A.	0.4
BL - Back-Low (0-30)	199.0	N.A.	7.6
BM - Back-Medium (30-60)	1005.1	N.A.	38.3
BH - Back-High (60-80)	91.1	N.A.	3.5
BVH - Back-Very High (80-90)	10.5	N.A.	0.4
UL - Uplight-Low (90-100)	0.1	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	2622.2	N.A.	100.0
BUG Rating	B2-U1-G1		

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COEFFICIENTS OF UTILIZATION



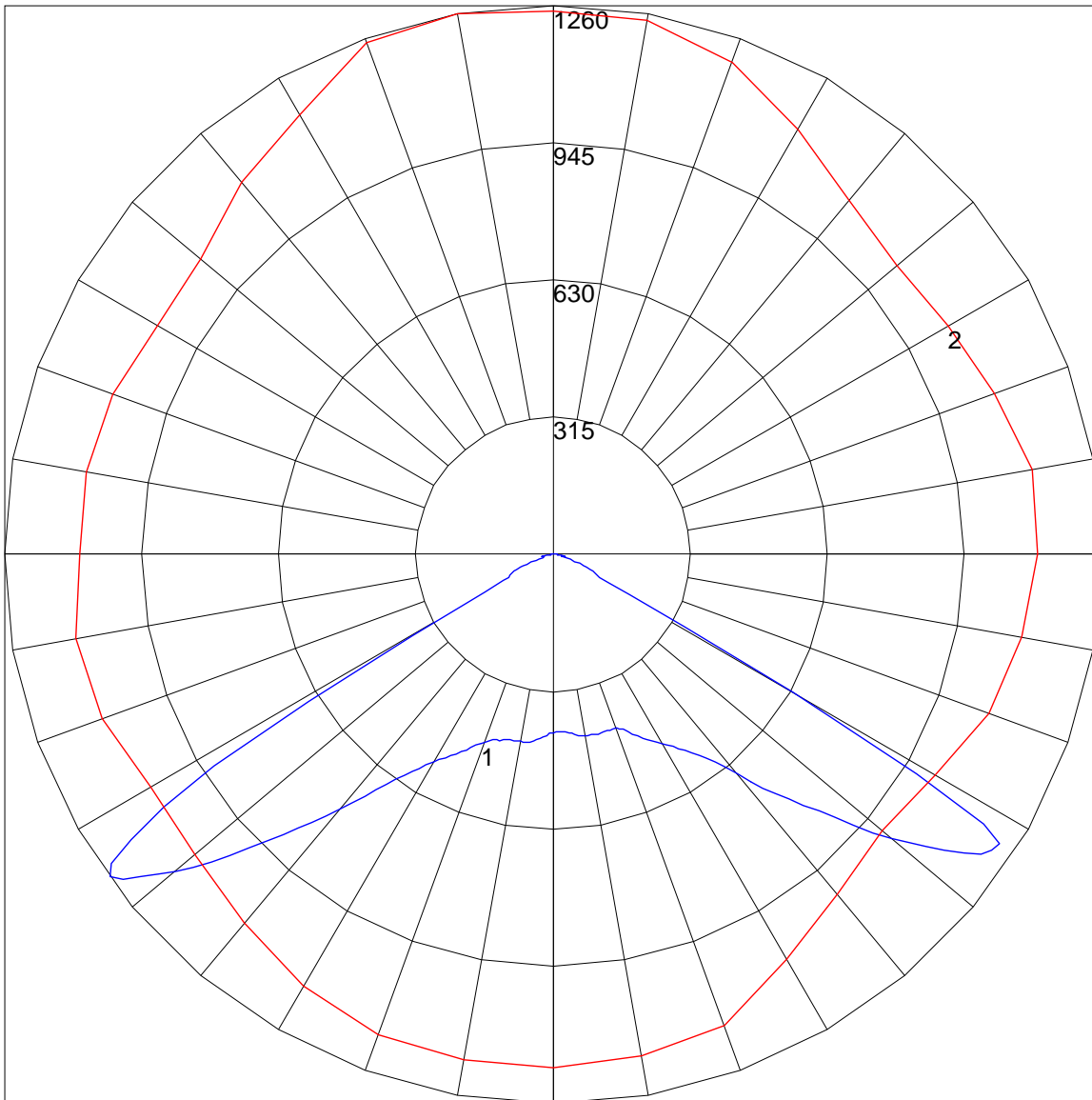
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1316.5	50.2
Downward House Side	1305.7	49.8
Downward Total	2622.2	100.0
Upward Street Side	0.1	0.0
Upward House Side	0.0	0.0
Upward Total	0.1	0.0
Total Flux	2622.3	100.0

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POLAR GRAPH



Maximum Candela = 1259.68 Located At Horizontal Angle = 100, Vertical Angle = 54

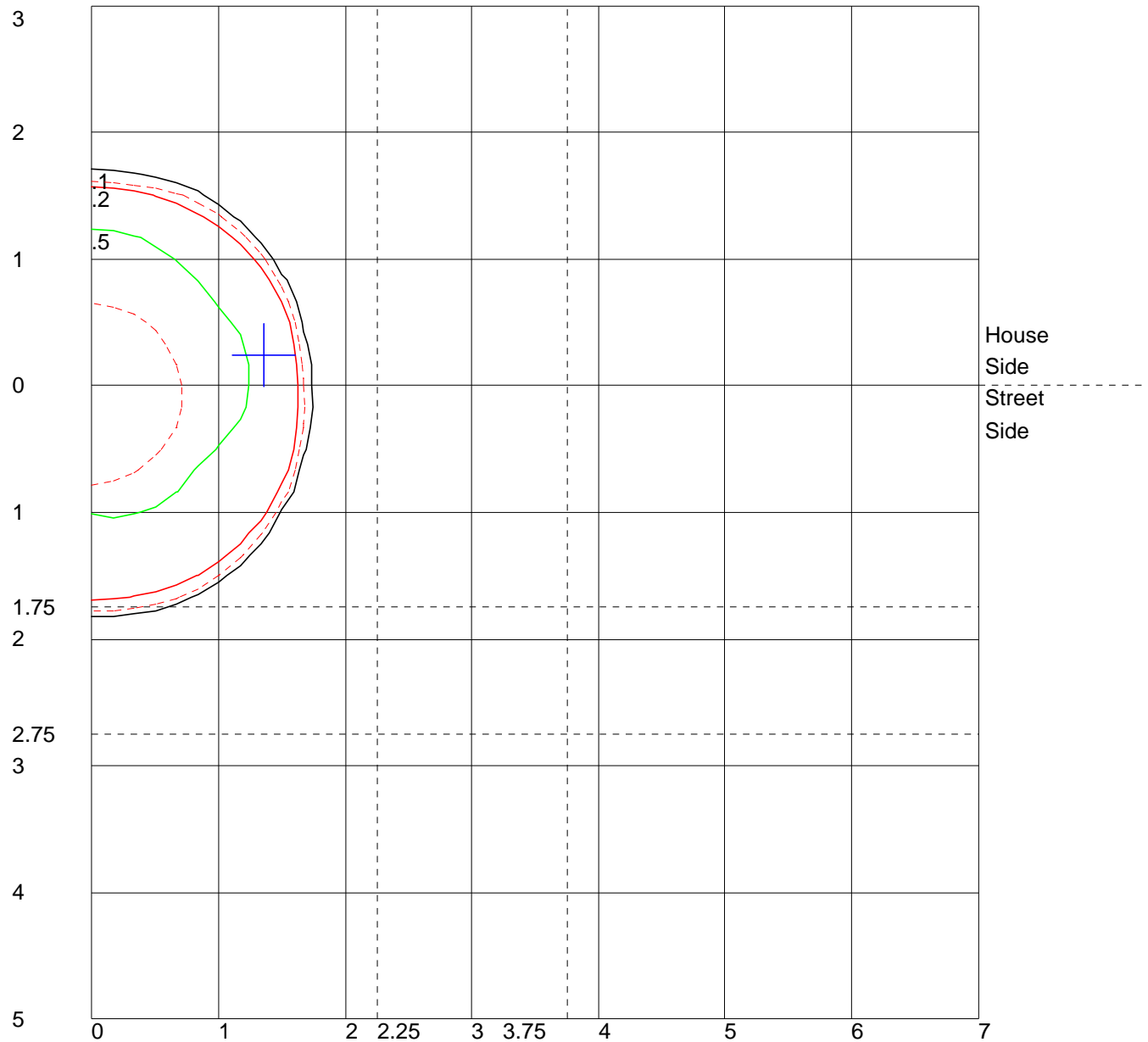
1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (54) (Through Max. Cd.)

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ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

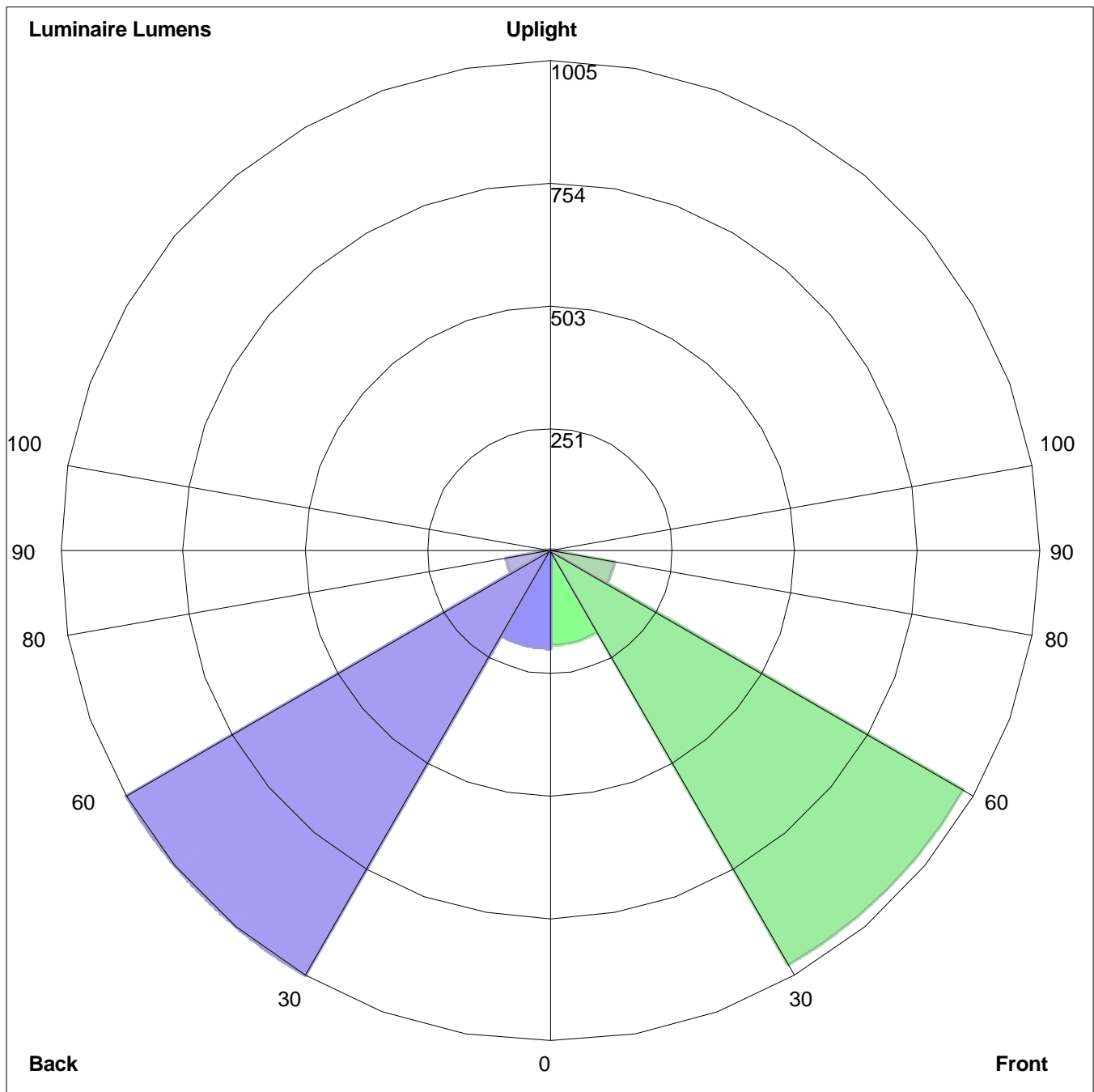


Distance In Units Of Mounting Height
Values Based On 24 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

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LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:

Front: Low=192.3, Medium=979.8, High=133.2, Very High=11.1

Back: Low=199.0, Medium=1005.1, High=91.1, Very High=10.5

Uplight: Low=0.1, High=0.0

BUG Rating : B2-U1-G1