



IES ROAD REPORT

PHOTOMETRIC FILENAME : COPY_IES_GREENSHINE_GS-LED-L30-30W 6500K TYPEIIM.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-L30 30W 6500K
 [LUMINAIRE] 24 PCS CREE XTE LAMP 6500K 30W
 [LAMPCAT] XTE
 [LAMP] 24 PCS CREE XTE LAMP 6500K 30W

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2531
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	28.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.03
Maximum Candela	1282.81
Maximum Candela Angle	100H 70V
Maximum Candela (<90 Degrees Vertical)	1282.81
Maximum Candela Angle (<90 Degrees Vertical)	100H 70V
Maximum Candela At 90 Degrees Vertical	108.28 (4.3% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	411.44 (16.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



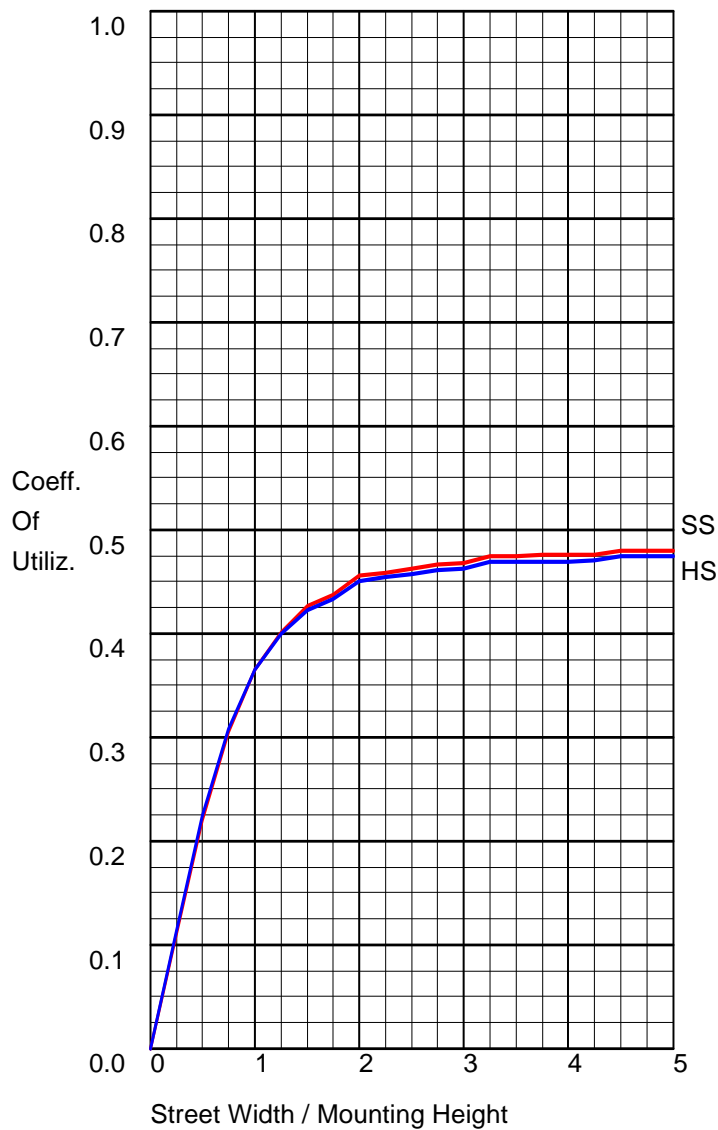
IES ROAD REPORT**PHOTOMETRIC FILENAME : COPY_IES_GREENSHINE_GS-LED-L30-30W 6500K TYPEIIM.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	184.3	N.A.	7.3
FM - Front-Medium (30-60)	598.8	N.A.	23.7
FH - Front-High (60-80)	401.2	N.A.	15.9
FVH - Front-Very High (80-90)	55.0	N.A.	2.2
BL - Back-Low (0-30)	189.1	N.A.	7.5
BM - Back-Medium (30-60)	592.1	N.A.	23.4
BH - Back-High (60-80)	389.1	N.A.	15.4
BVH - Back-Very High (80-90)	52.8	N.A.	2.1
UL - Uplight-Low (90-100)	37.7	N.A.	1.5
UH - Uplight-High (100-180)	30.7	N.A.	1.2
Total	2530.8	N.A.	100.0
BUG Rating	B1-U2-G1		

IES ROAD REPORT

PHOTOMETRIC FILENAME : COPY_IES_GREENSHINE_GS-LED-L30-30W 6500K TYPEIIM.IES

COEFFICIENTS OF UTILIZATION



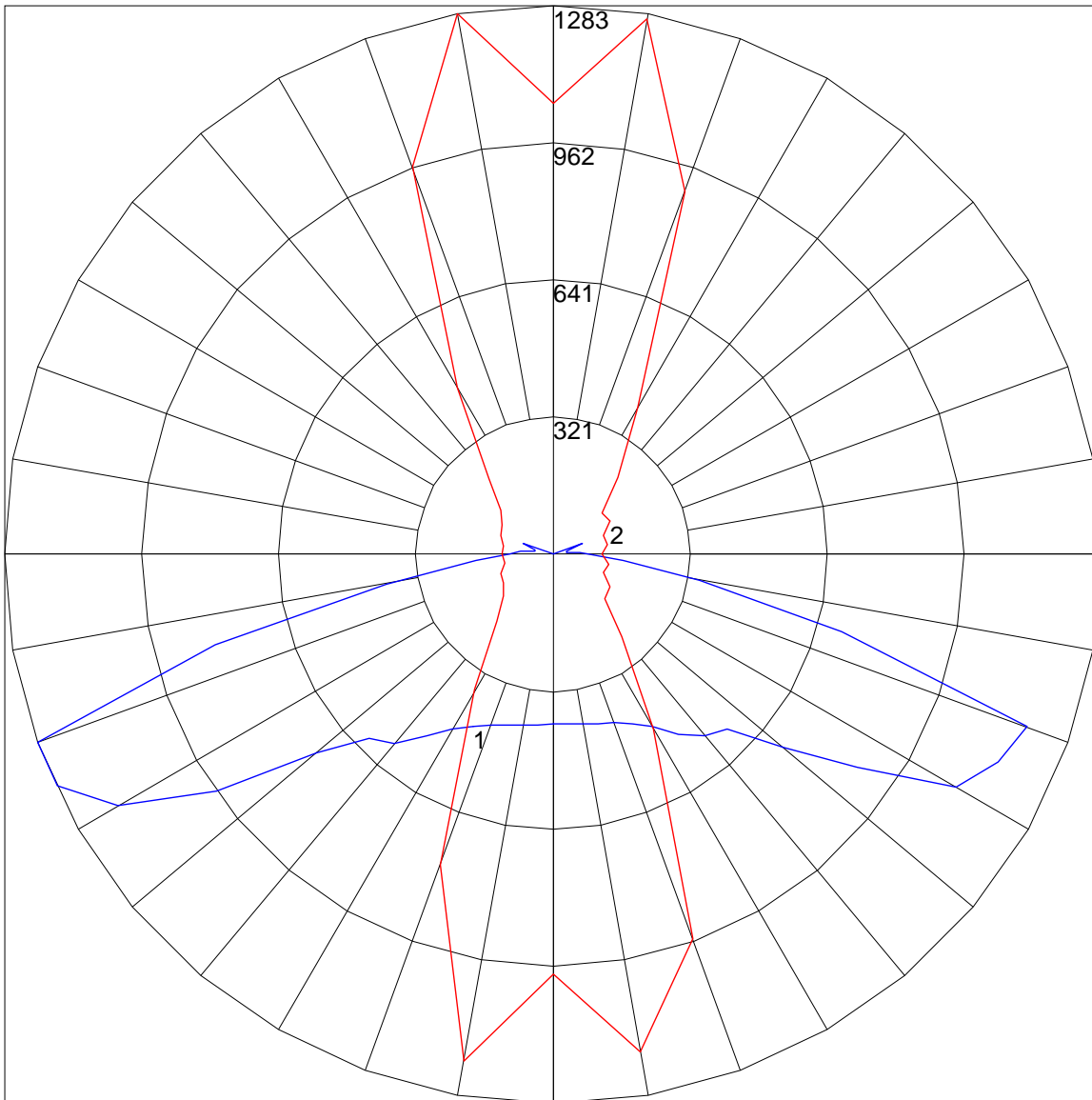
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1239.4	49.0
Downward House Side	1223.1	48.3
Downward Total	2462.5	97.3
Upward Street Side	34.7	1.4
Upward House Side	33.8	1.3
Upward Total	68.5	2.7
Total Flux	2531.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : COPY_IES_GREENSHINE_GS-LED-L30-30W 6500K TYPEIIM.IES

POLAR GRAPH



Maximum Candela = 1282.81 Located At Horizontal Angle = 100, Vertical Angle = 70

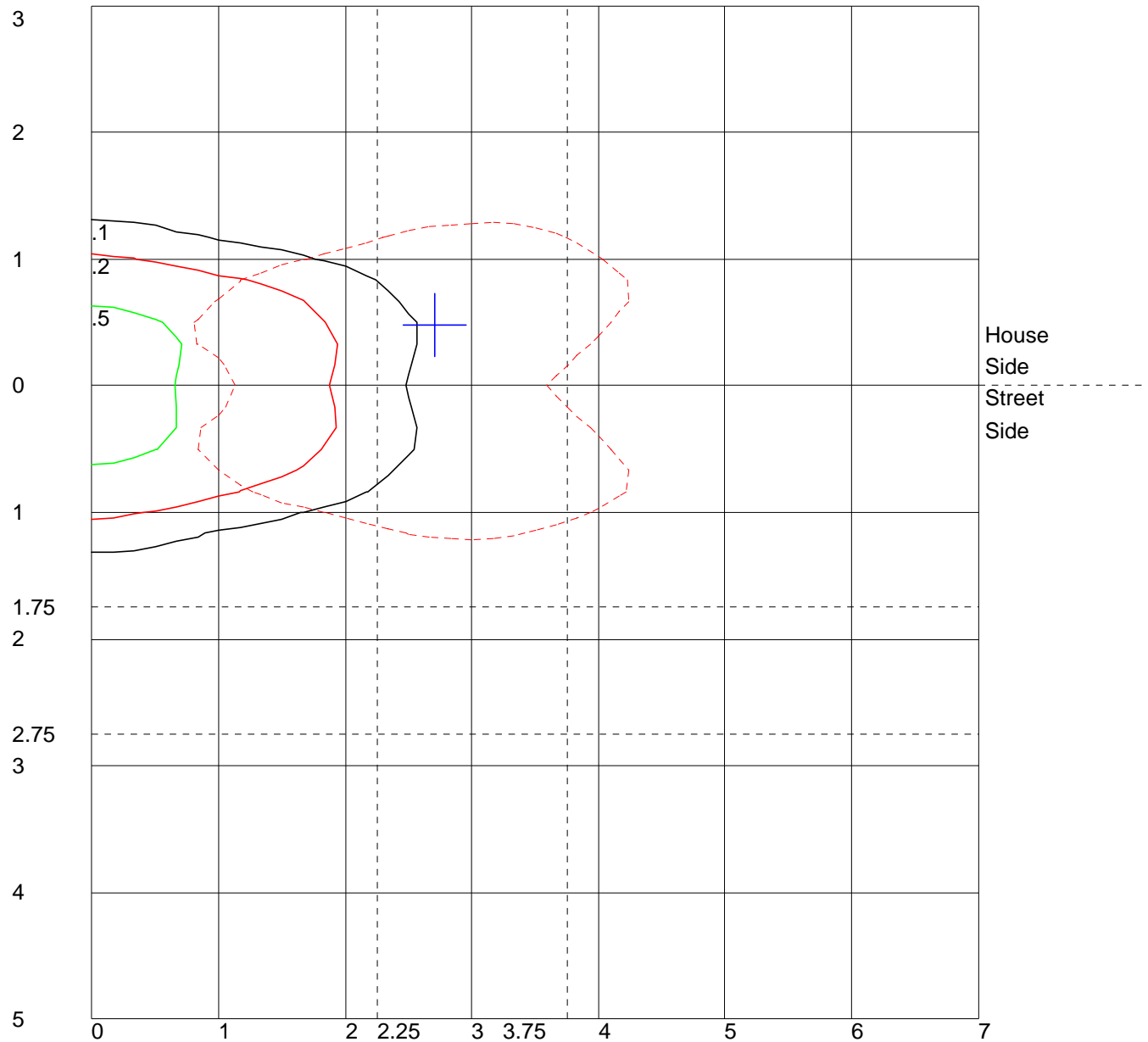
1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

IES ROAD REPORT

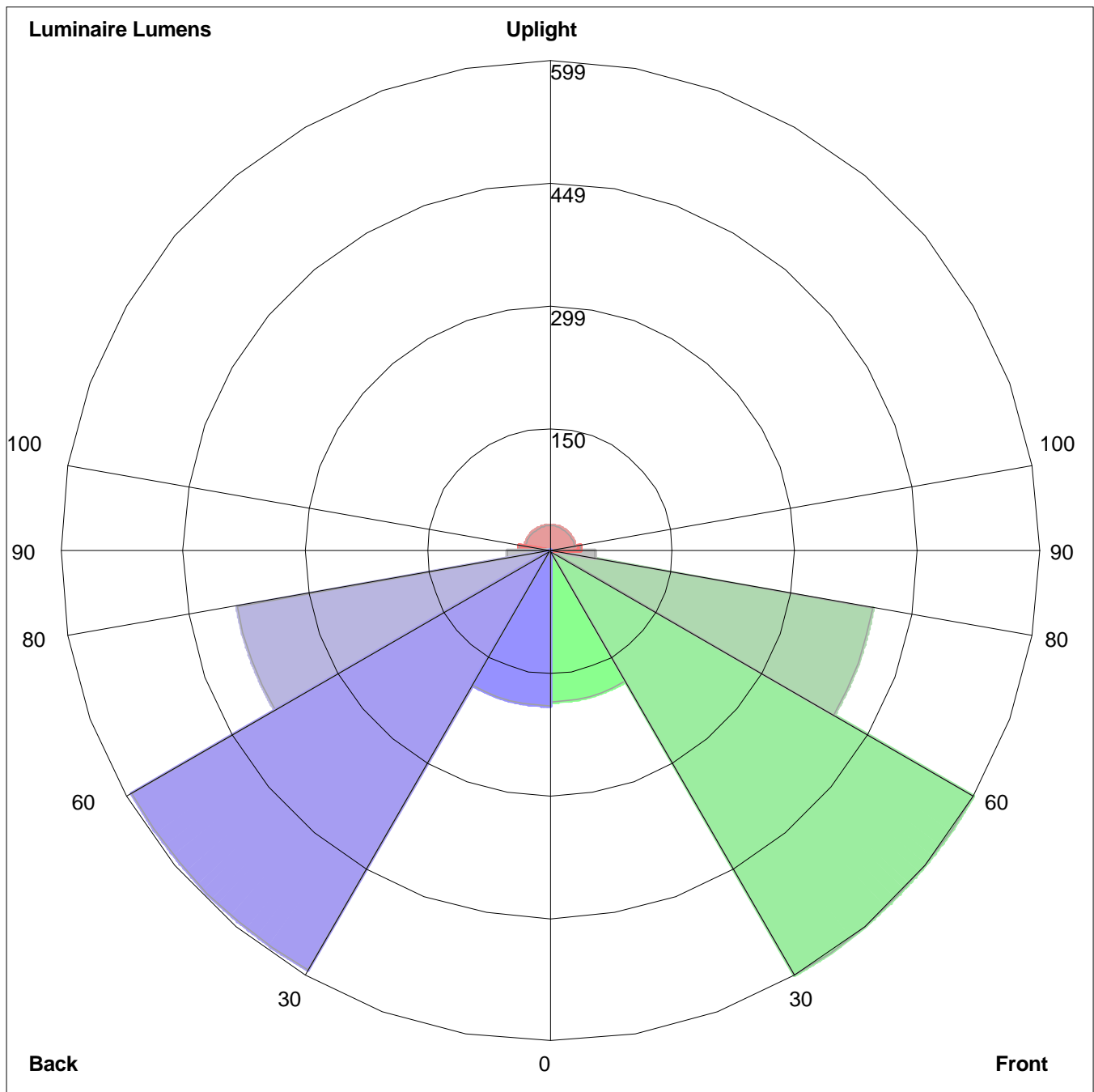
PHOTOMETRIC FILENAME : COPY_IES_GREENSHINE_GS-LED-L30-30W 6500K TYPEIIM.IES

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

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=184.3, Medium=598.8, High=401.2, Very High=55.0
Back: Low=189.1, Medium=592.1, High=389.1, Very High=52.8
Uplight: Low=37.7, High=30.7

BUG Rating : B1-U2-G1