



IES ROAD REPORT
PHOTOMETRIC FILENAME : GS-LED-05-30W-6500K.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 20130416022
 [LUMINAIRE] GS-LED-05-30W
 [ISSUEDATE]
 [TESTLAB]
 [MANUFAC] GREENSHINE NEW ENERGY
 [LUMINAIRE] GS-LED-05(30W)-6500K
 [LAMPCAT] 24 LEDs
 [LAMP] 24pcs CREE
 [BALLAST] Inventronics

CHARACTERISTICS

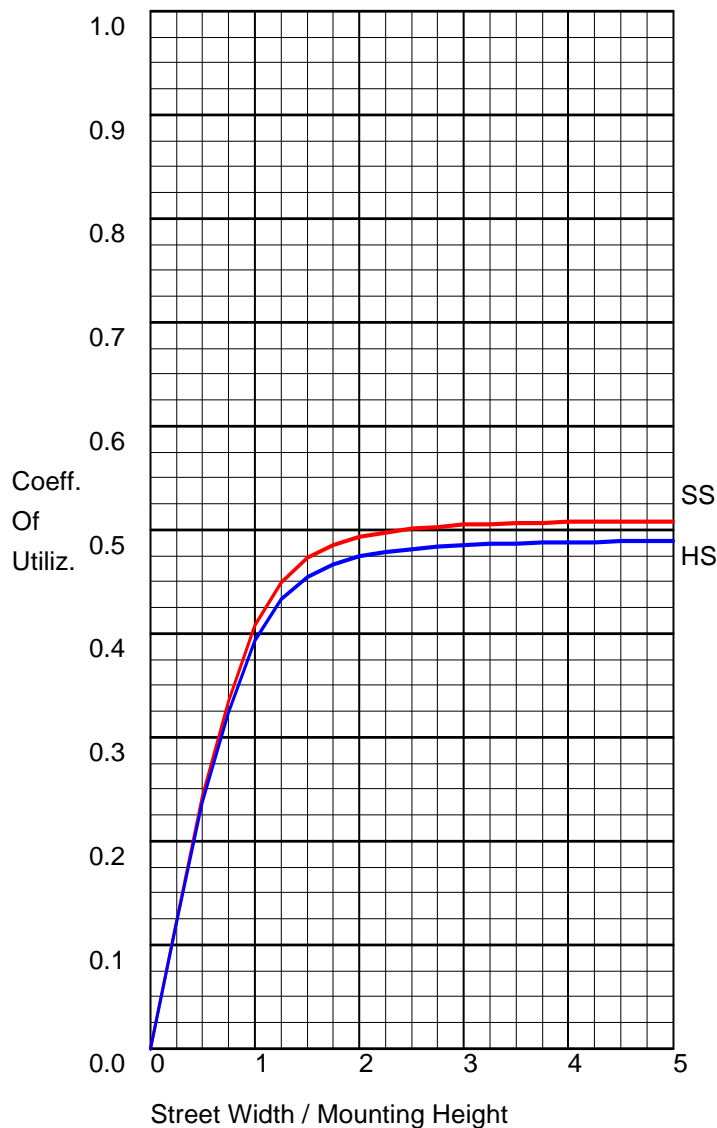
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2399
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	29.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	907.25
Maximum Candela Angle	340H 40V
Maximum Candela (<90 Degrees Vertical)	907.25
Maximum Candela Angle (<90 Degrees Vertical)	340H 40V
Maximum Candela At 90 Degrees Vertical	.05 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	36.76 (1.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	291.8	N.A.	12.2
FM - Front-Medium (30-60)	789.3	N.A.	32.9
FH - Front-High (60-80)	136.2	N.A.	5.7
FVH - Front-Very High (80-90)	5.5	N.A.	0.2
BL - Back-Low (0-30)	284.0	N.A.	11.8
BM - Back-Medium (30-60)	754.4	N.A.	31.4
BH - Back-High (60-80)	132.2	N.A.	5.5
BVH - Back-Very High (80-90)	5.5	N.A.	0.2
UL - Uplight-Low (90-100)	< 0.05	N.A.	0.0
UH - Uplight-High (100-180)	0.1	N.A.	0.0
Total	2399.0	N.A.	100.0
BUG Rating	B1-U1-G0		

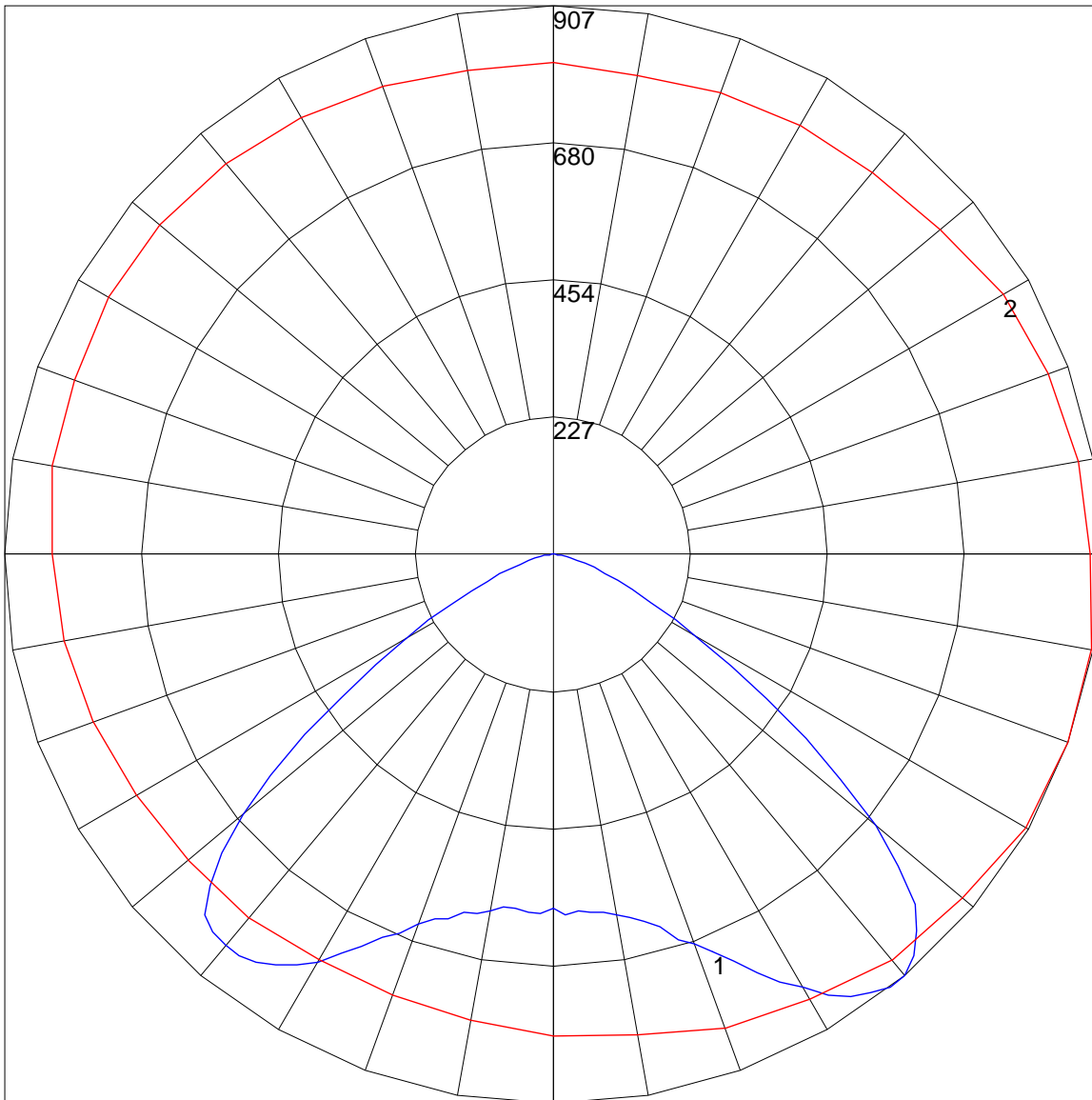
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

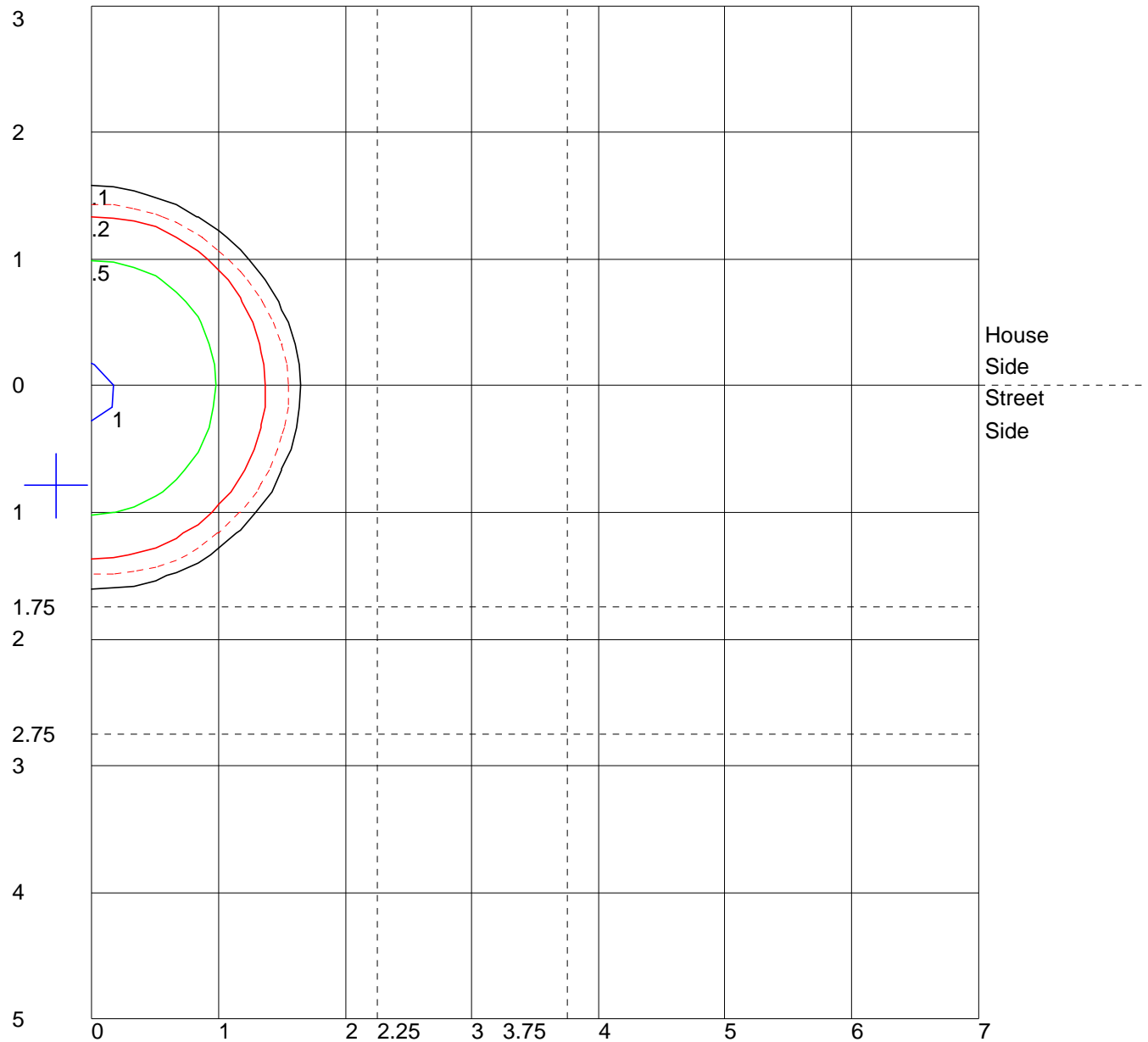
	Lumens	Percent Of Luminaire
Downward Street Side	1222.8	51.0
Downward House Side	1176.0	49.0
Downward Total	2398.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.1	0.0
Upward Total	0.1	0.0
Total Flux	2398.9	100.0

POLAR GRAPH



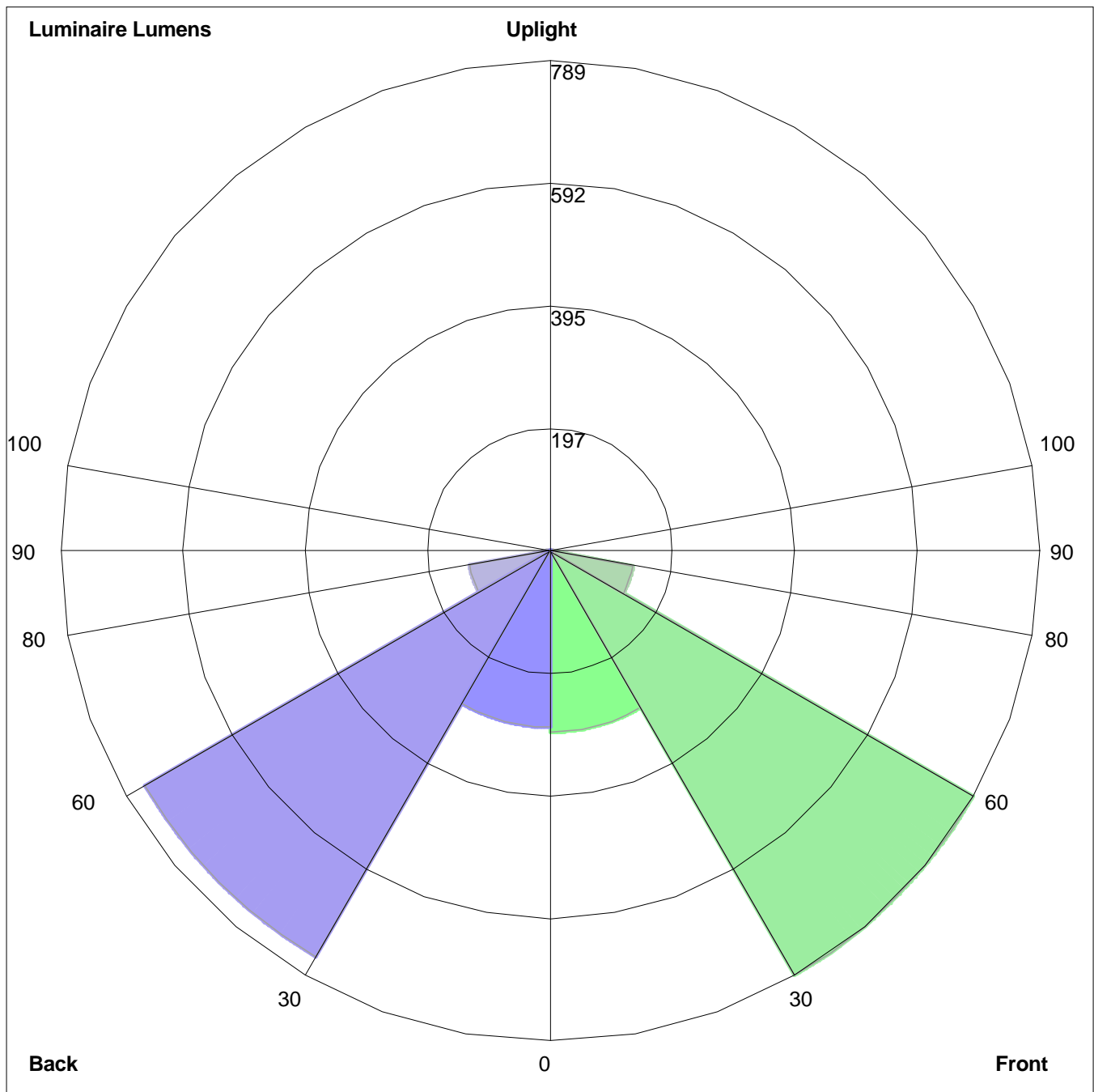
Maximum Candela = 907.25 Located At Horizontal Angle = 340, Vertical Angle = 40
1 - Vertical Plane Through Horizontal Angles (340 - 160) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

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=291.8, Medium=789.3, High=136.2, Very High=5.5
Back: Low=284.0, Medium=754.4, High=132.2, Very High=5.5
Uplight: Low=0.0, High=0.1

BUG Rating : B1-U1-G0