



IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB HI 3 HV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG210315052-10
[TESTLAB] BACL
[TESTDATE] 2021-03-16
[ISSUEDATE] 2021-03-16 21:44:56
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMCAT] AMB HI 3 HV 840
[LAMP] N/A

CHARACTERISTICS

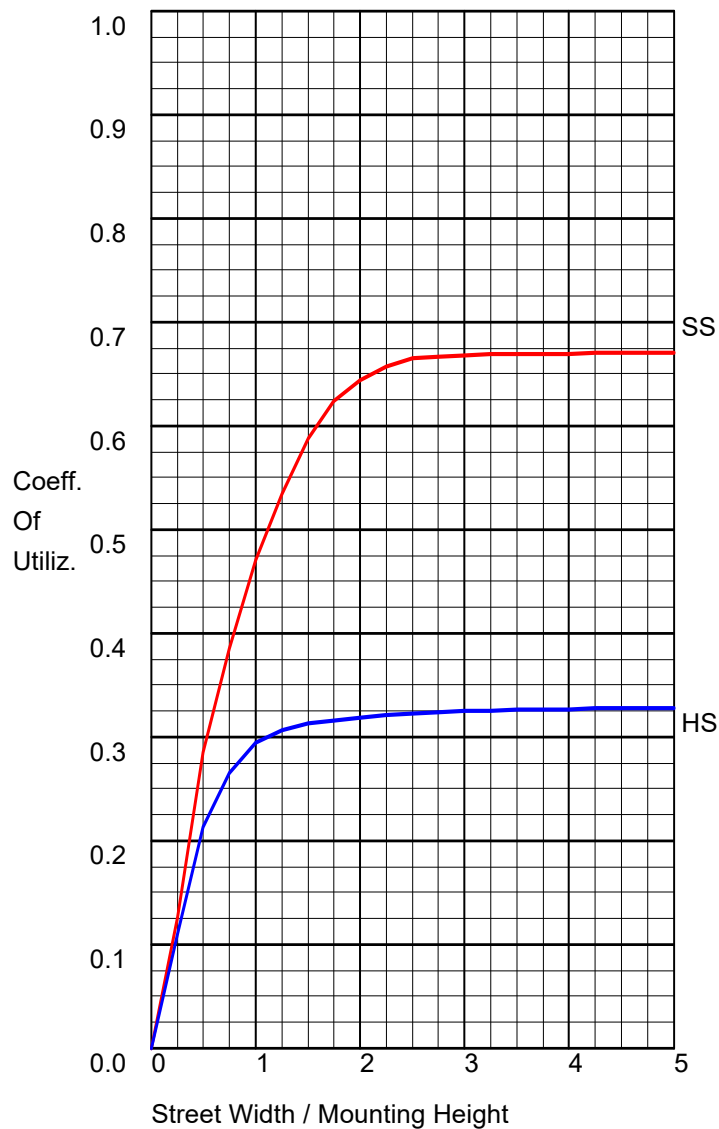
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	30109
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	232.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12293.5
Maximum Candela Angle	67.5H 65V
Maximum Candela (<90 Degrees Vertical)	12293.5
Maximum Candela Angle (<90 Degrees Vertical)	67.5H 65V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	306.12 (1.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3764.4	N.A.	12.5
FM - Front-Medium (30-60)	11210.3	N.A.	37.2
FH - Front-High (60-80)	5187.7	N.A.	17.2
FVH - Front-Very High (80-90)	46.1	N.A.	0.2
BL - Back-Low (0-30)	2852.1	N.A.	9.5
BM - Back-Medium (30-60)	5546.0	N.A.	18.4
BH - Back-High (60-80)	1453.2	N.A.	4.8
BVH - Back-Very High (80-90)	49.5	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	30109.3	N.A.	100.0
BUG Rating	B4-U0-G3		

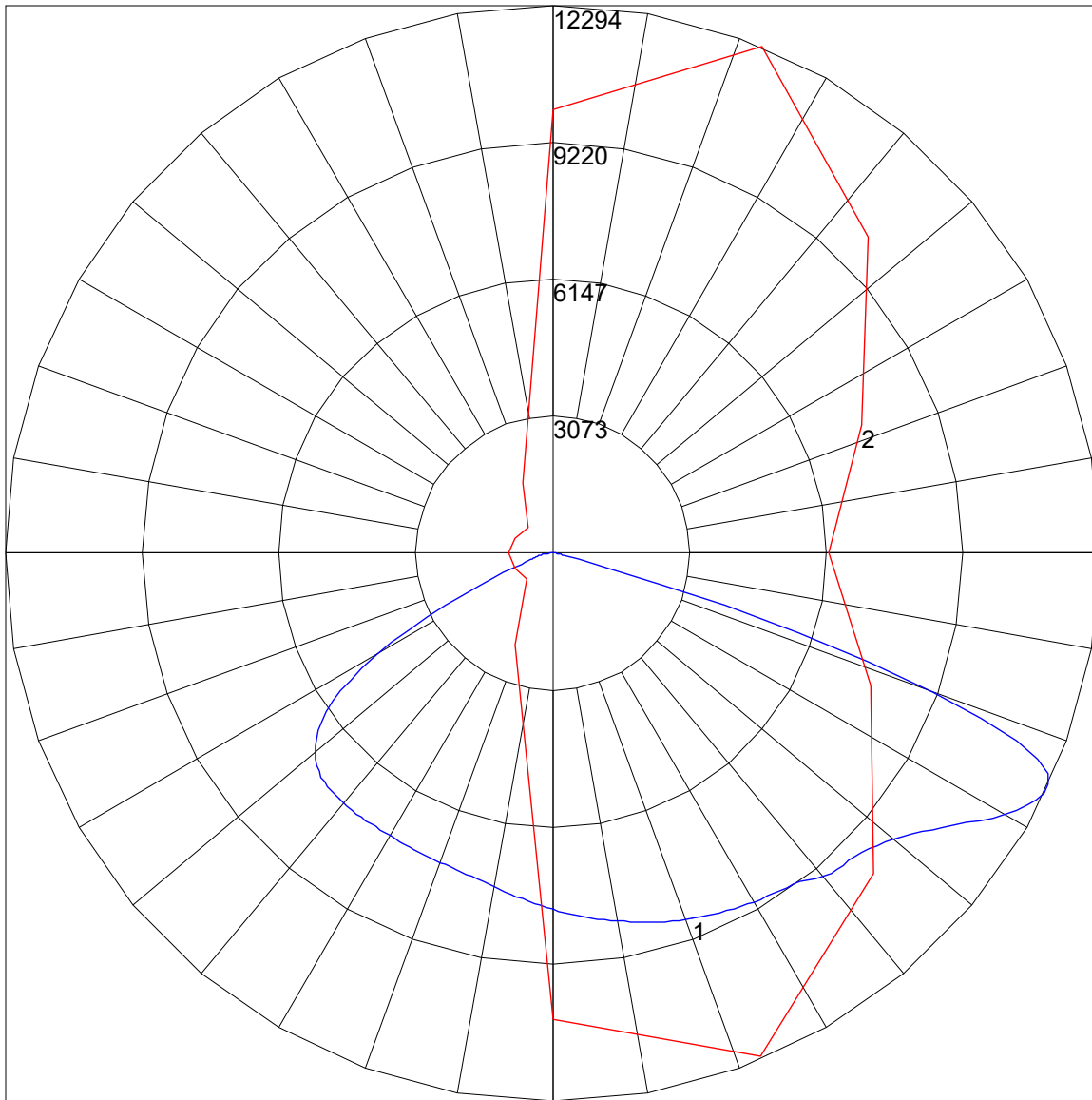
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

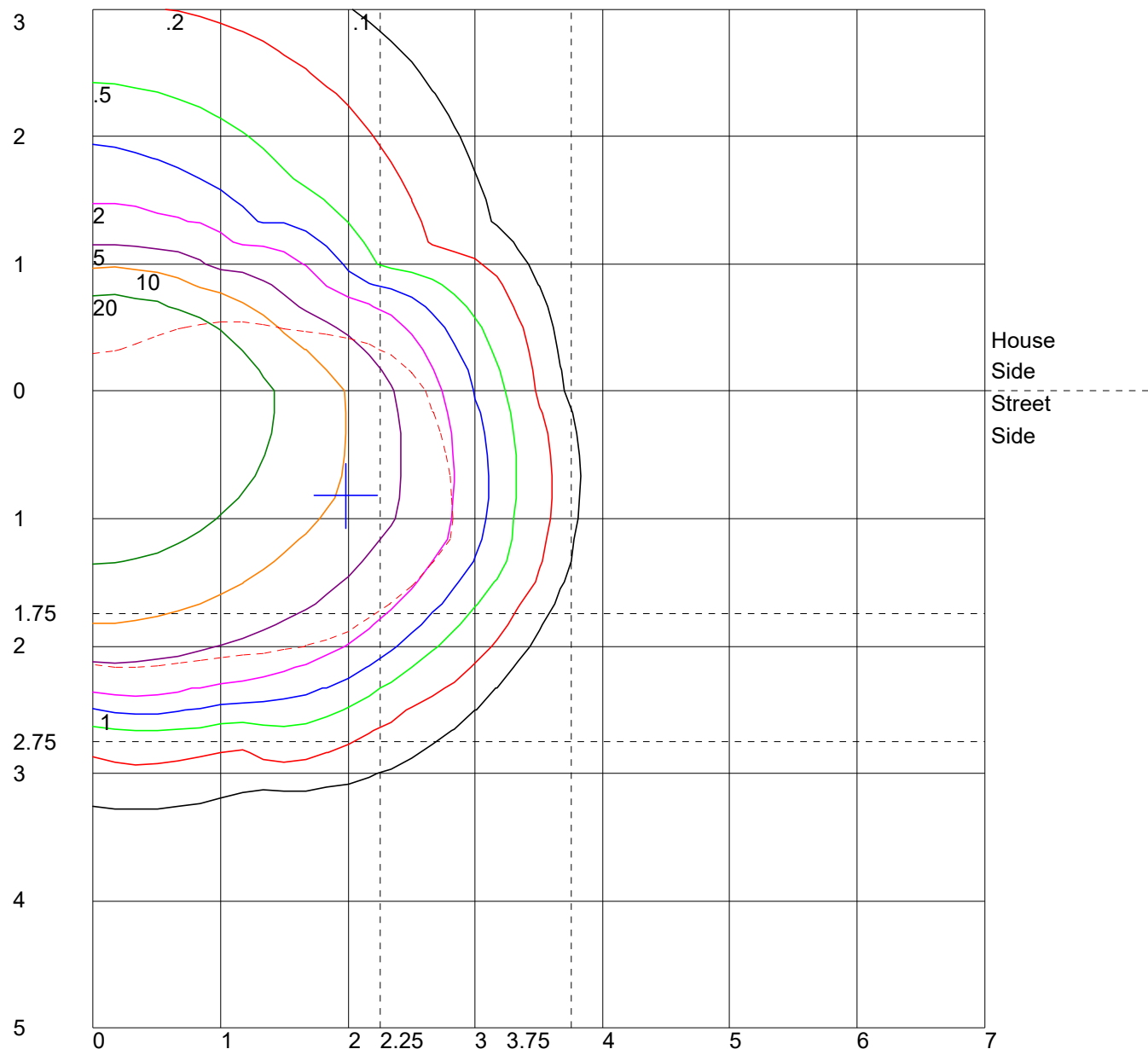
	Lumens	Percent Of Luminaire
Downward Street Side	20208.5	67.1
Downward House Side	9900.8	32.9
Downward Total	30109.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30109.3	100.0

POLAR GRAPH

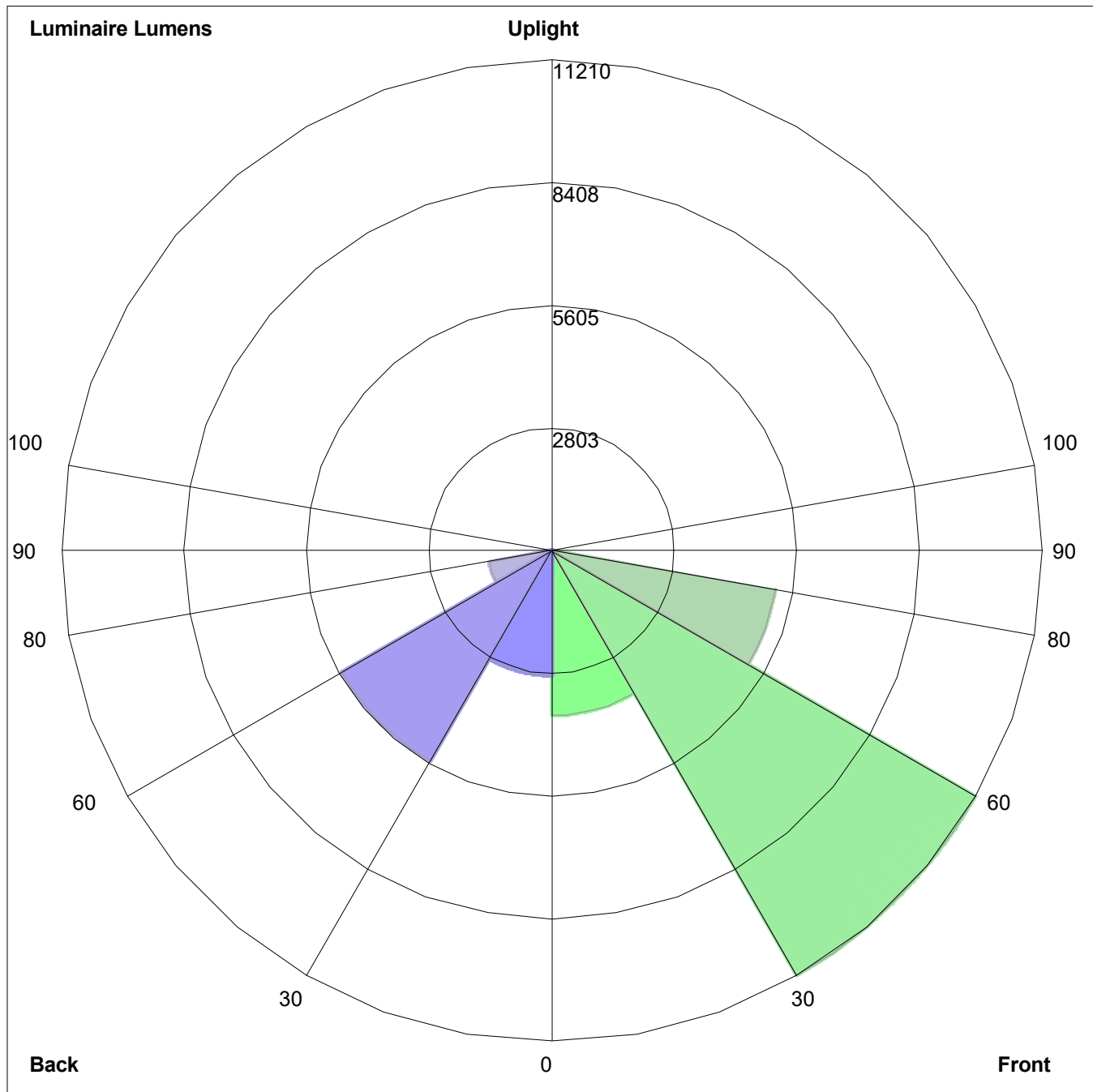


Maximum Candela = 12293.5 Located At Horizontal Angle = 67.5, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=3764.4, Medium=11210.3, High=5187.7, Very High=46.1
Back: Low=2852.1, Medium= 5546.0, High=1453.2, Very High=49.5
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G3