

IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB HI 5S HV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG210315053-10
[TESTLAB] BACL
[TESTDATE] 2021-03-16
[ISSUEDATE] 2021-03-17 00:26:00
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMCAT] AMB HI 5S HV 840
[LAMP] N/A

CHARACTERISTICS

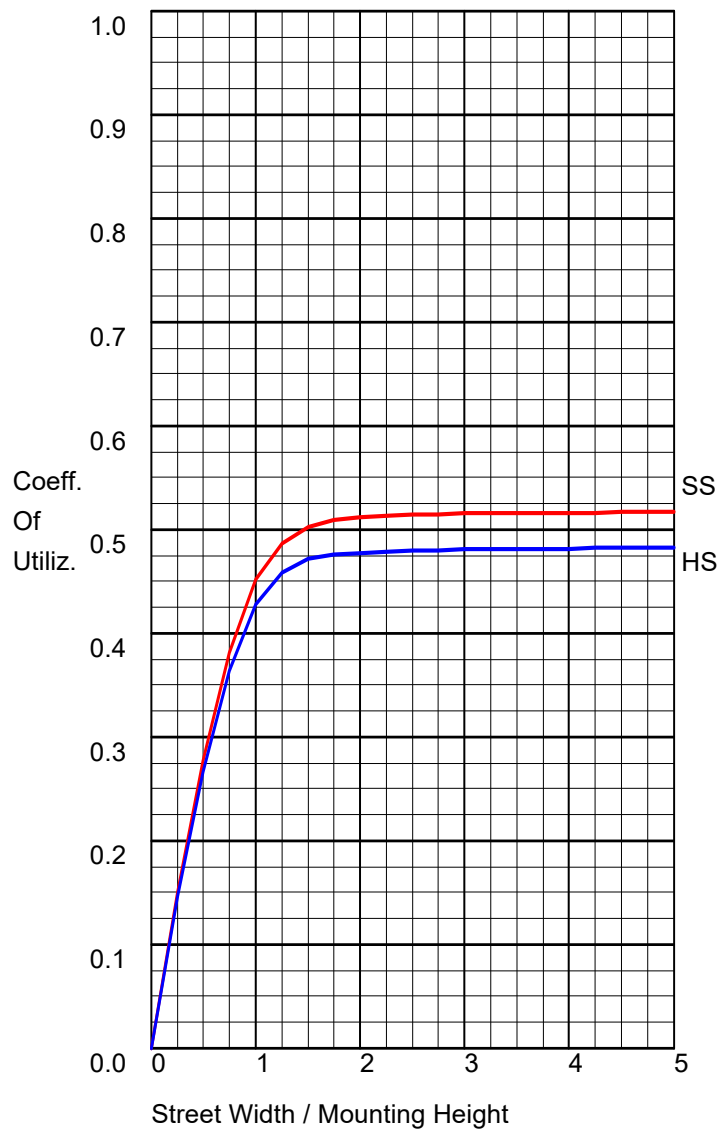
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	30886
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	232.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	13806.13
Maximum Candela Angle	45H 33V
Maximum Candela (<90 Degrees Vertical)	13806.13
Maximum Candela Angle (<90 Degrees Vertical)	45H 33V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	187.08 (0.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	5123.4	N.A.	16.6
FM - Front-Medium (30-60)	10202.0	N.A.	33.0
FH - Front-High (60-80)	617.8	N.A.	2.0
FVH - Front-Very High (80-90)	34.3	N.A.	0.1
BL - Back-Low (0-30)	4931.0	N.A.	16.0
BM - Back-Medium (30-60)	9449.5	N.A.	30.6
BH - Back-High (60-80)	497.6	N.A.	1.6
BVH - Back-Very High (80-90)	30.5	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	30886.1	N.A.	100.0
BUG Rating	B5-U0-G1		

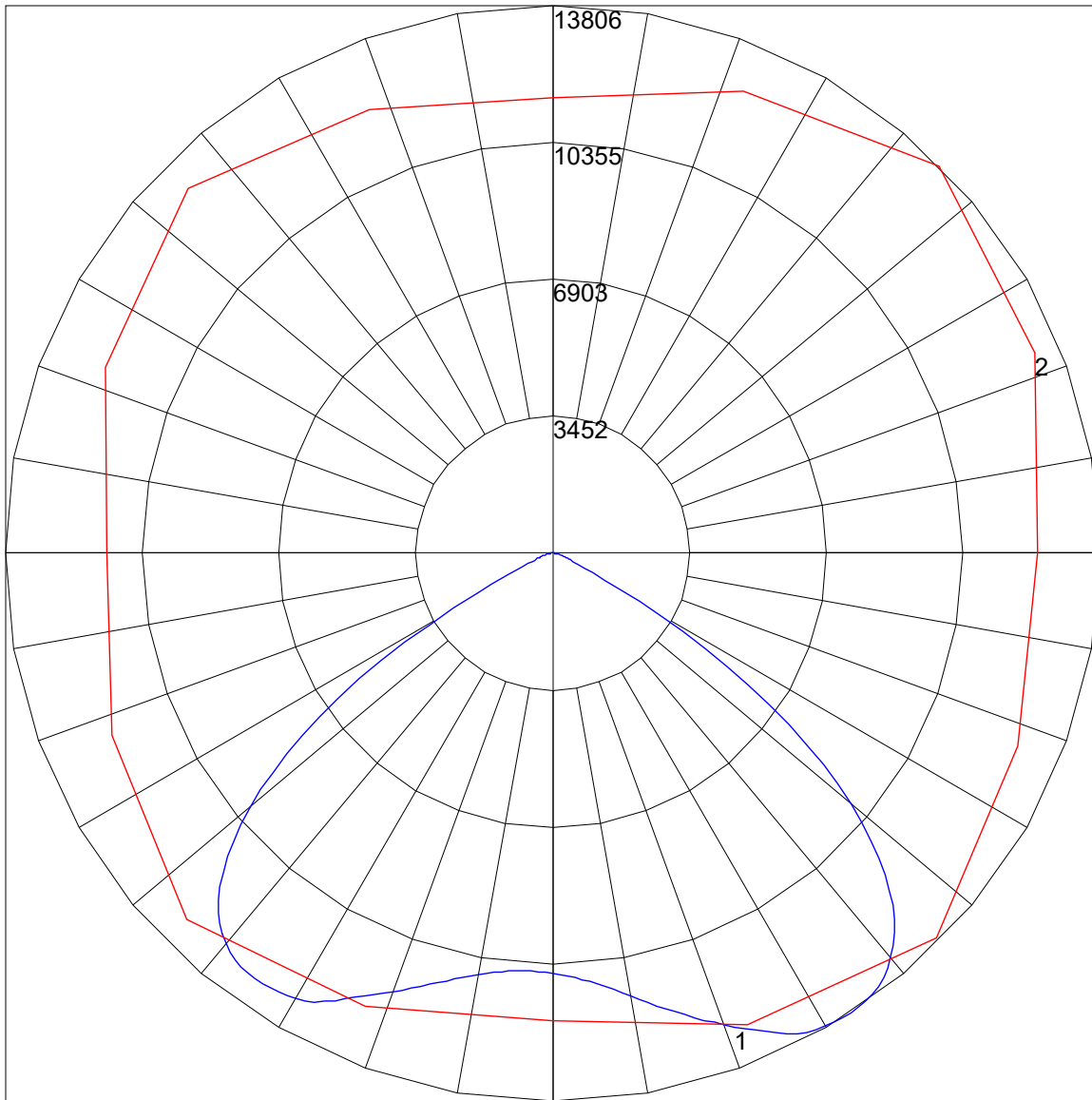
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

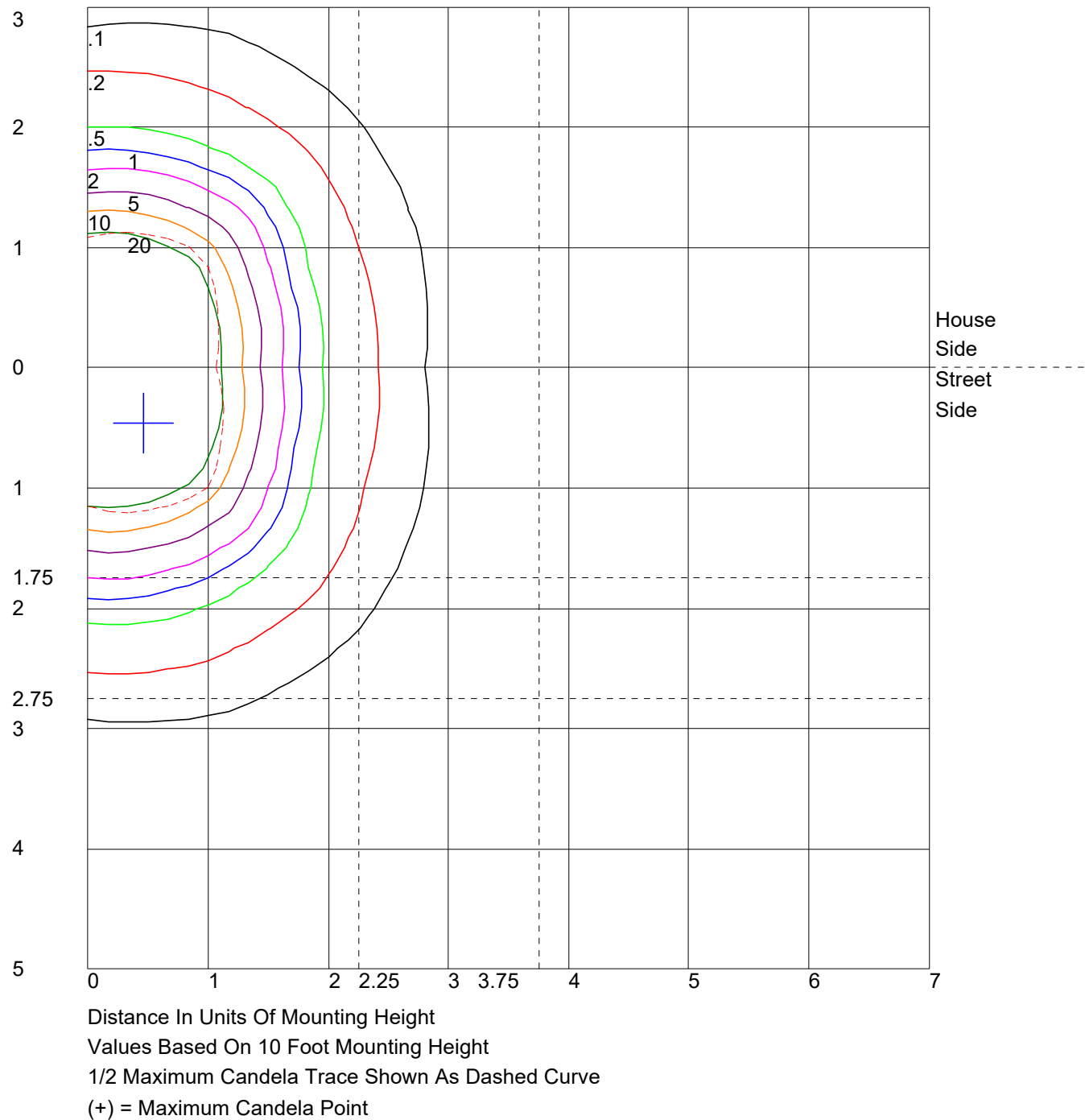
	Lumens	Percent Of Luminaire
Downward Street Side	15977.5	51.7
Downward House Side	14908.5	48.3
Downward Total	30886.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30886.0	100.0

POLAR GRAPH

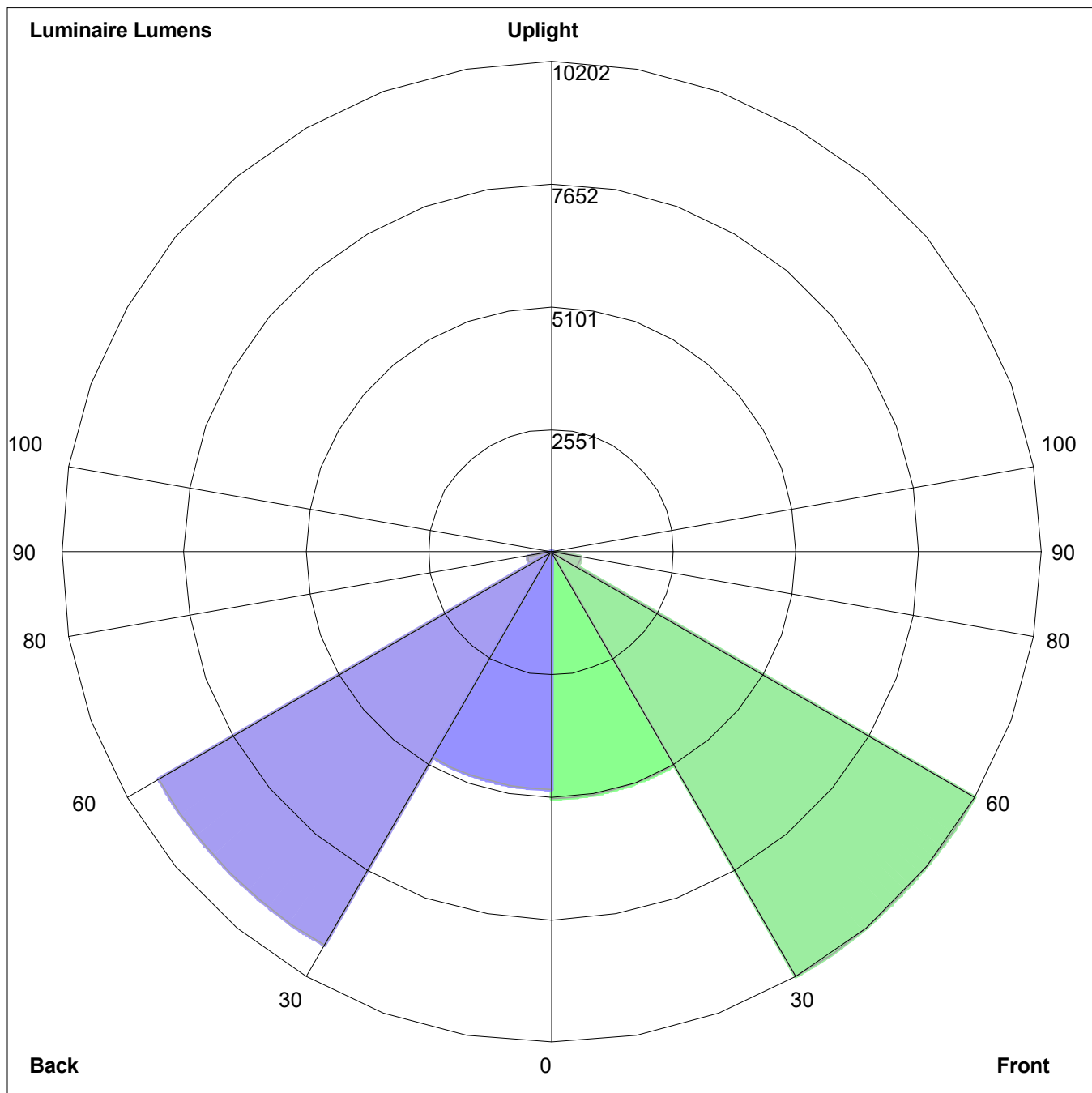


Maximum Candela = 13806.13 Located At Horizontal Angle = 45, Vertical Angle = 33
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (33) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=5123.4, Medium= 10202.0, High=617.8, Very High=34.3
Back: Low= 4931.0, Medium=9449.5, High=497.6, Very High=30.5
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G1