

## IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB HI 5S HV 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] R2DG210315053-S02  
[TESTLAB] BACL  
[TESTDATE] 2021-03-17  
[ISSUEDATE] 2021-03-17 15:36:47  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMCAT] AMB HI 5S HV 850  
[LAMP] N/A

### CHARACTERISTICS

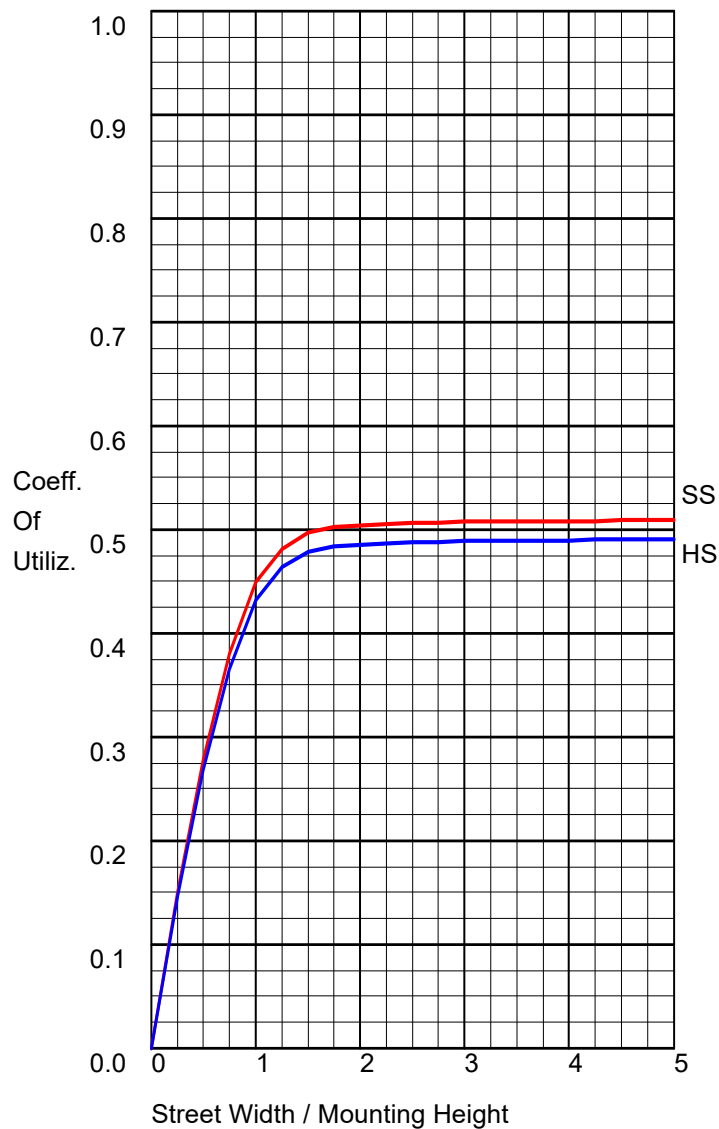
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	31609
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	229.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	14137.61
Maximum Candela Angle	315H 35V
Maximum Candela (<90 Degrees Vertical)	14137.61
Maximum Candela Angle (<90 Degrees Vertical)	315H 35V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	181.78 (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)	5246.2	N.A.	16.6
FM - Front-Medium (30-60)	10275.5	N.A.	32.5
FH - Front-High (60-80)	543.9	N.A.	1.7
FVH - Front-Very High (80-90)	29.9	N.A.	0.1
BL - Back-Low (0-30)	5055.4	N.A.	16.0
BM - Back-Medium (30-60)	9891.3	N.A.	31.3
BH - Back-High (60-80)	535.0	N.A.	1.7
BVH - Back-Very High (80-90)	31.8	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	31609.0	N.A.	100.0
BUG Rating	B5-U0-G1		

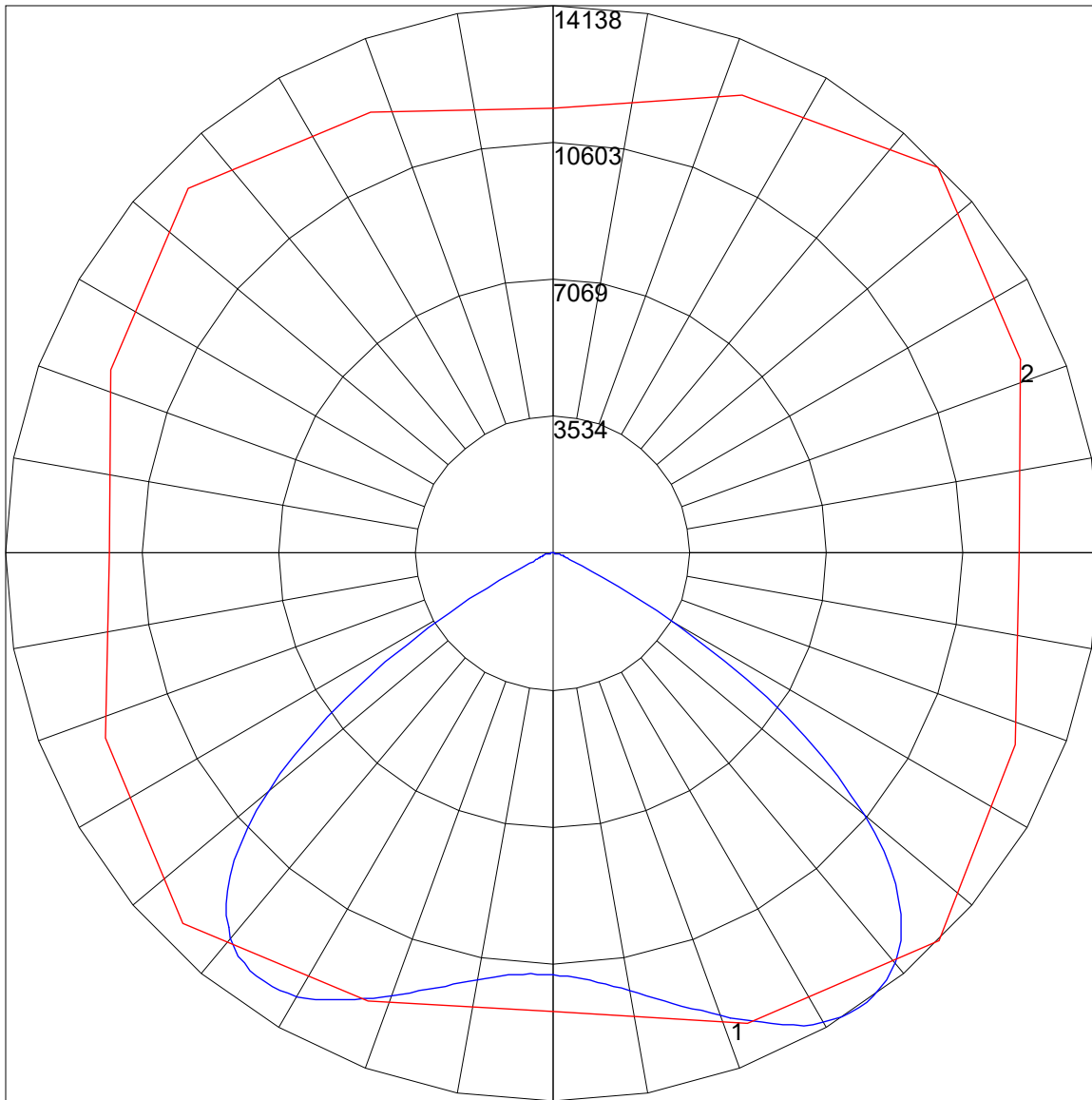
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

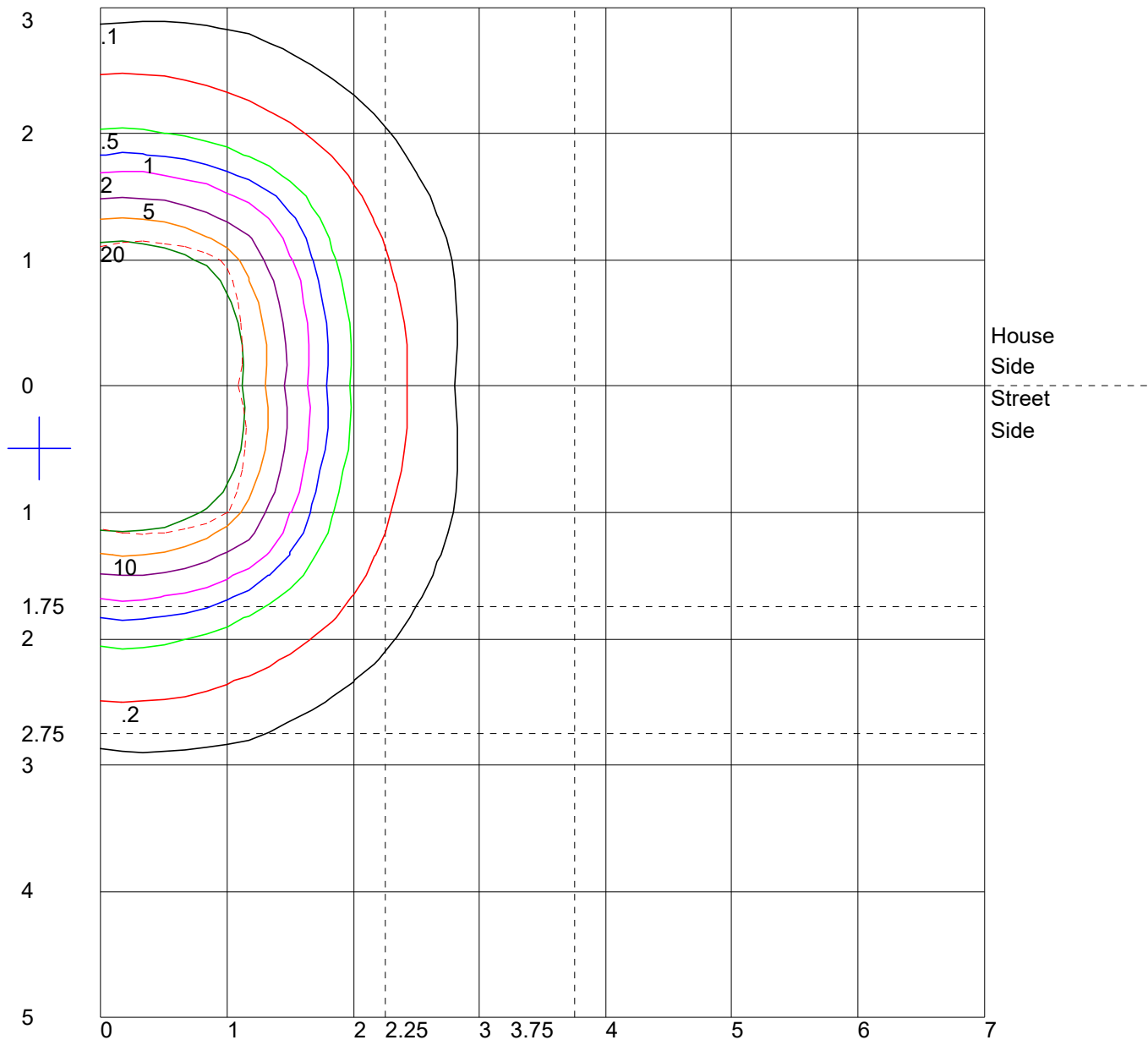
	Lumens	Percent Of Luminaire
Downward Street Side	16095.6	50.9
Downward House Side	15513.5	49.1
Downward Total	31609.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	31609.1	100.0

POLAR GRAPH



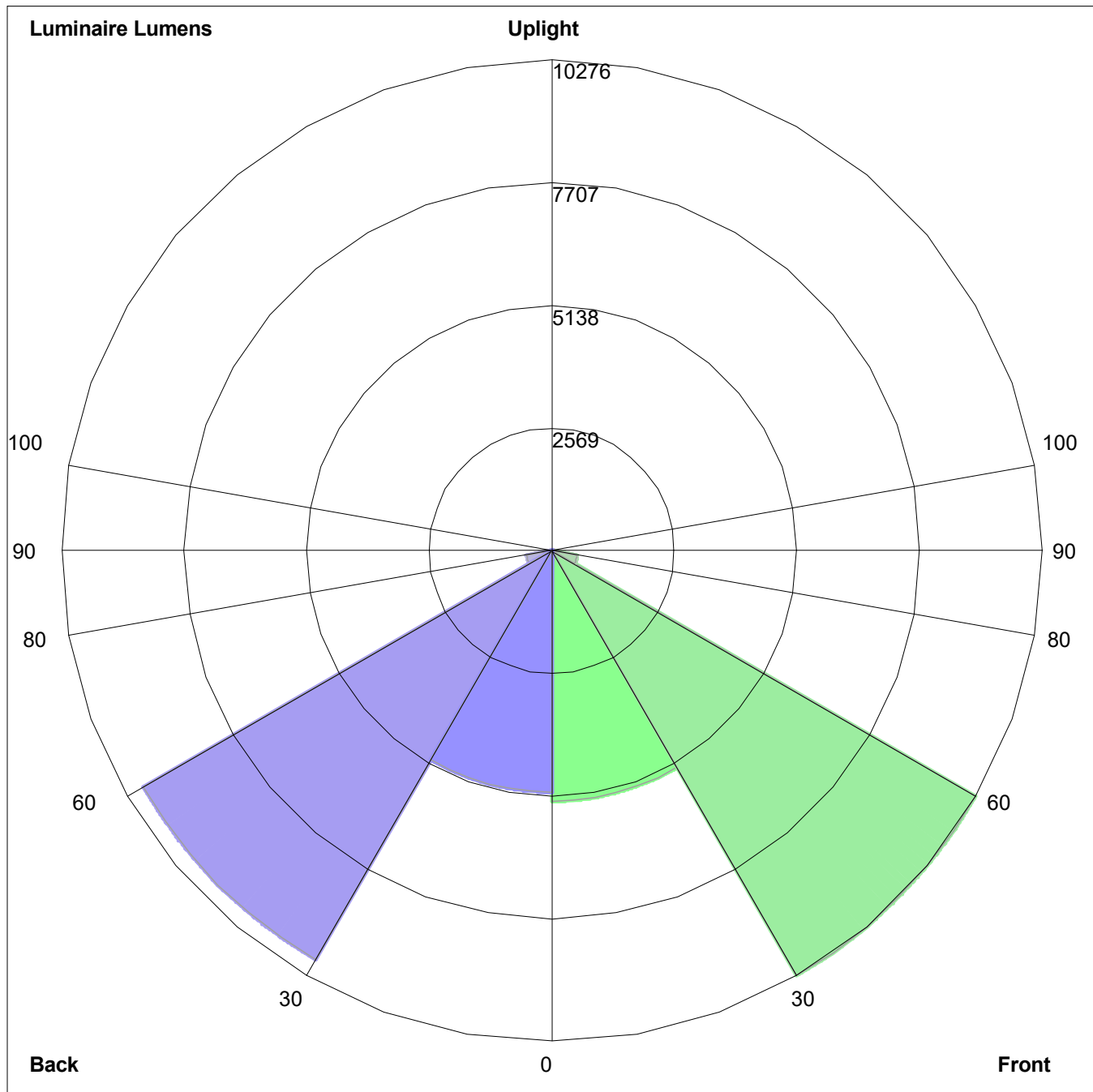
Maximum Candela = 14137.61 Located At Horizontal Angle = 315, Vertical Angle = 35  
# 1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 10 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=5246.2, Medium=10275.5, High=543.9, Very High=29.9  
Back: Low=5055.4, Medium=9891.3, High=535.0, Very High=31.8  
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G1