

## IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB VH 5S HV 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] R2DG210315055-S02  
[TESTLAB] BACL  
[TESTDATE] 2021-04-01  
[ISSUEDATE] 2021-04-02 15:13:49  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMCAT] AMB VH 5S HV 850  
[LAMP] N/A

### CHARACTERISTICS

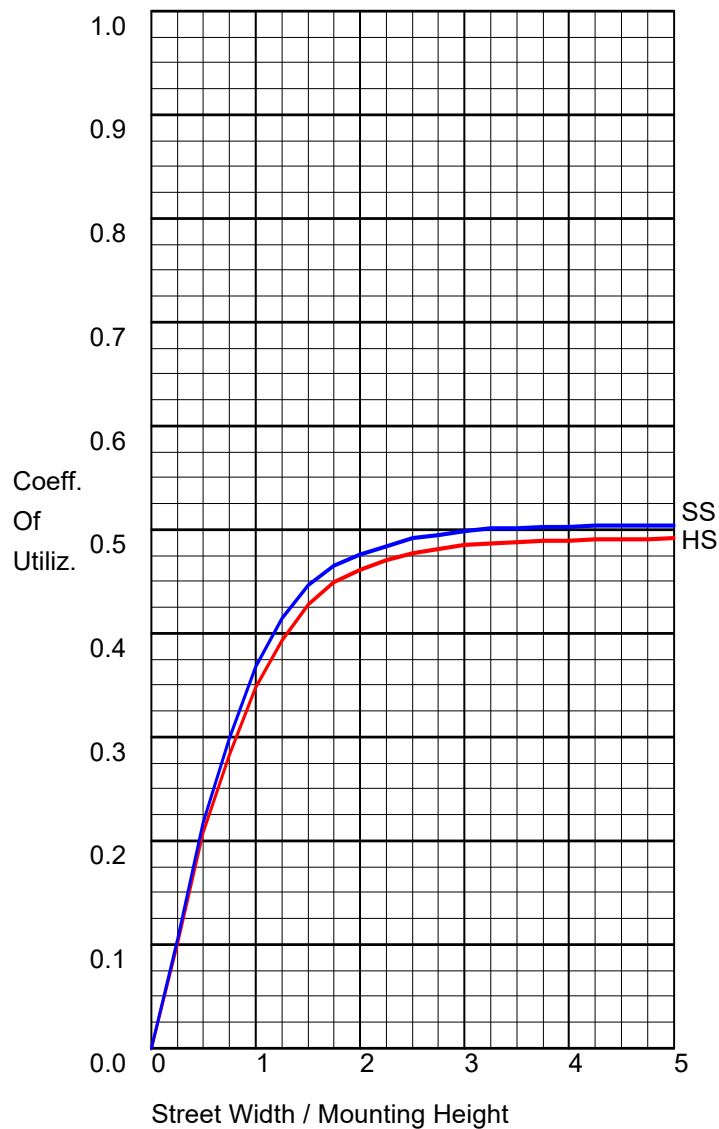
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	40579
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	303.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12339.32
Maximum Candela Angle	180H 41V
Maximum Candela (<90 Degrees Vertical)	12339.32
Maximum Candela Angle (<90 Degrees Vertical)	180H 41V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	880.83 (2.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3783.6	N.A.	9.3
FM - Front-Medium (30-60)	11919.4	N.A.	29.4
FH - Front-High (60-80)	4195.9	N.A.	10.3
FVH - Front-Very High (80-90)	129.1	N.A.	0.3
BL - Back-Low (0-30)	4090.4	N.A.	10.1
BM - Back-Medium (30-60)	12382.6	N.A.	30.5
BH - Back-High (60-80)	3946.0	N.A.	9.7
BVH - Back-Very High (80-90)	132.2	N.A.	0.3
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	40579.2	N.A.	100.0
BUG Rating	B5-U0-G2		

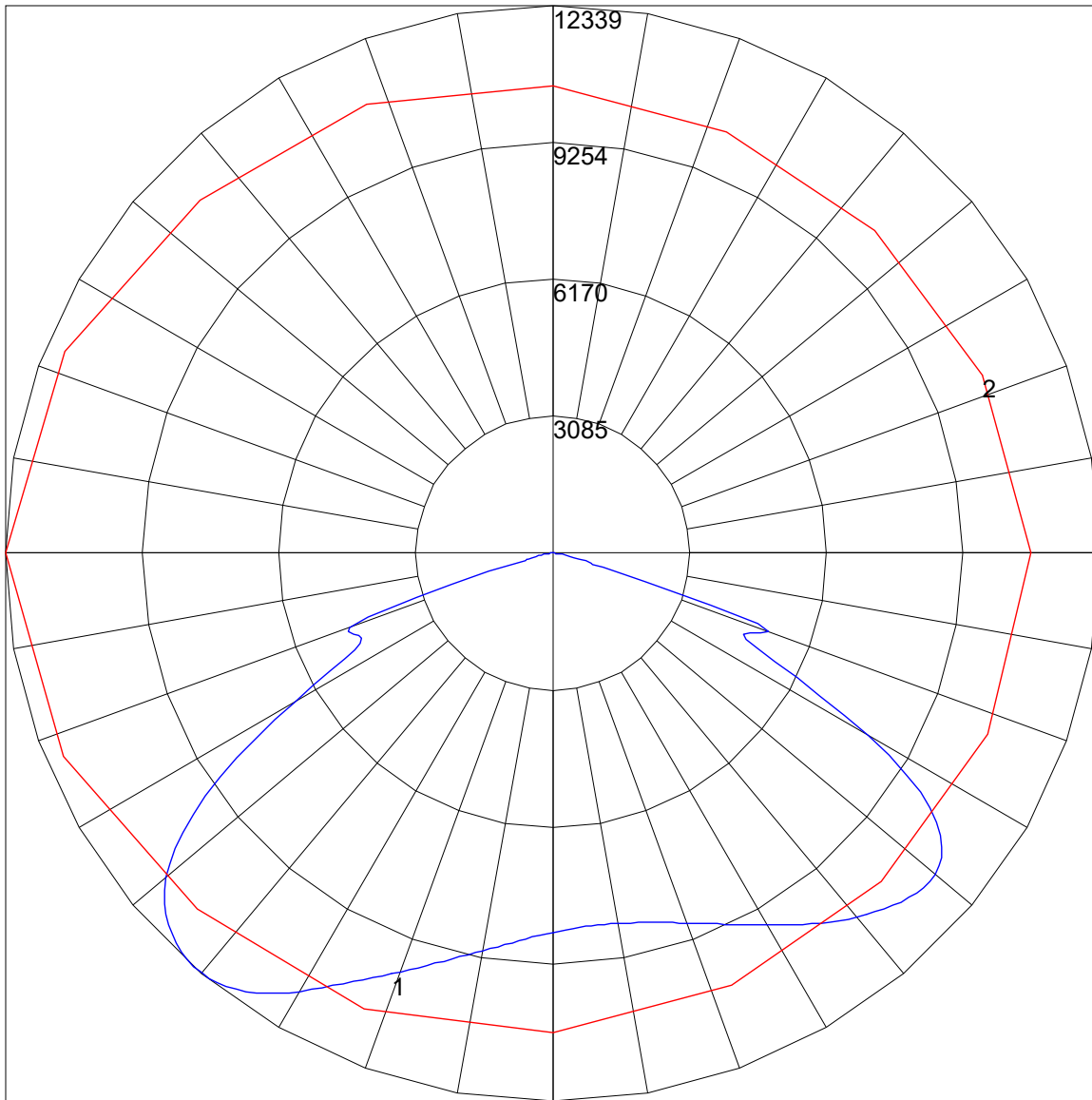
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

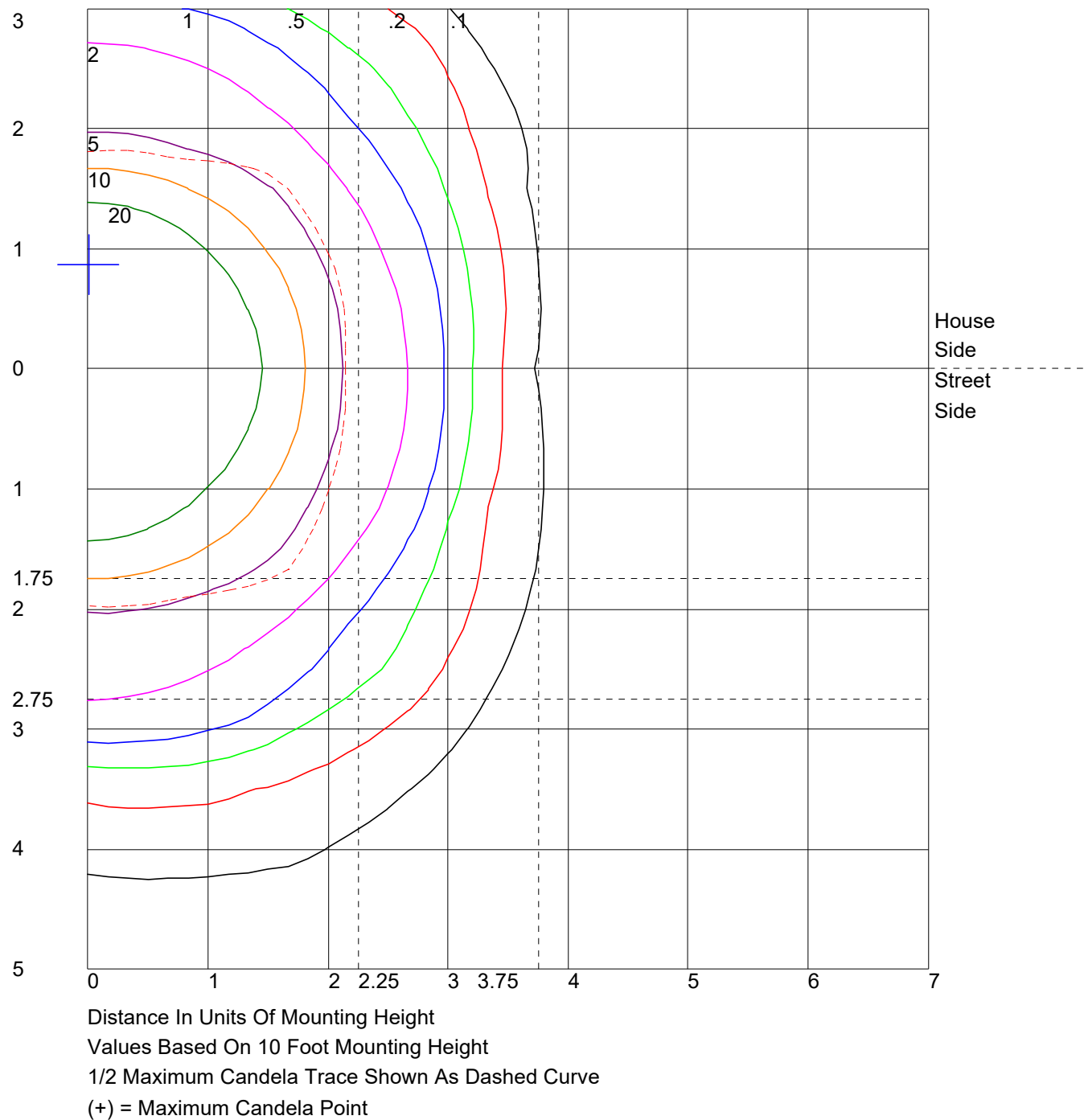
	Lumens	Percent Of Luminaire
Downward Street Side	20027.9	49.4
Downward House Side	20551.3	50.6
Downward Total	40579.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	40579.2	100.0

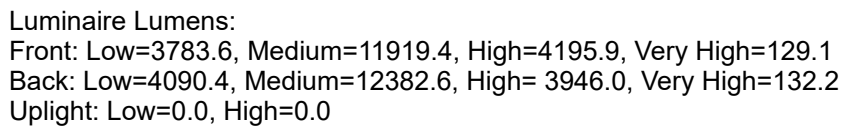
POLAR GRAPH



Maximum Candela = 12339.32 Located At Horizontal Angle = 180, Vertical Angle = 41  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (41) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE





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Calculations based on published IES Methods and recommendations, values rounded for display purposes.  
Results derived from content of manufacturers photometric file.