

## IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB HI 3 HV 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] R2DG210315052-S02  
[TESTLAB] BACL  
[TESTDATE] 2021-03-17  
[ISSUEDATE] 2021-03-17 01:42:03  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMCAT] AMB HI 3 HV 850  
[LAMP] N/A

### CHARACTERISTICS

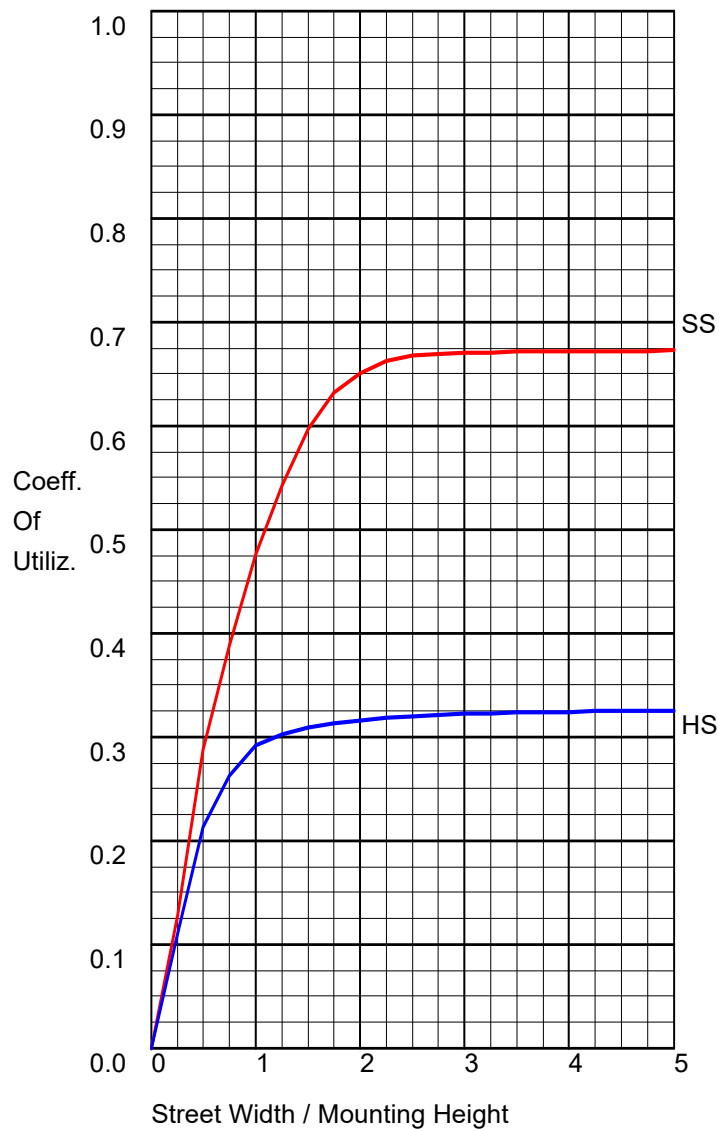
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	30618
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	229.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	13128.98
Maximum Candela Angle	292.5H 63V
Maximum Candela (<90 Degrees Vertical)	13128.98
Maximum Candela Angle (<90 Degrees Vertical)	292.5H 63V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	331.12 (1.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3800.9	N.A.	12.4
FM - Front-Medium (30-60)	11796.6	N.A.	38.5
FH - Front-High (60-80)	4975.0	N.A.	16.2
FVH - Front-Very High (80-90)	46.7	N.A.	0.2
BL - Back-Low (0-30)	2853.8	N.A.	9.3
BM - Back-Medium (30-60)	5655.3	N.A.	18.5
BH - Back-High (60-80)	1435.7	N.A.	4.7
BVH - Back-Very High (80-90)	53.8	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	30617.8	N.A.	100.0
BUG Rating	B4-U0-G3		

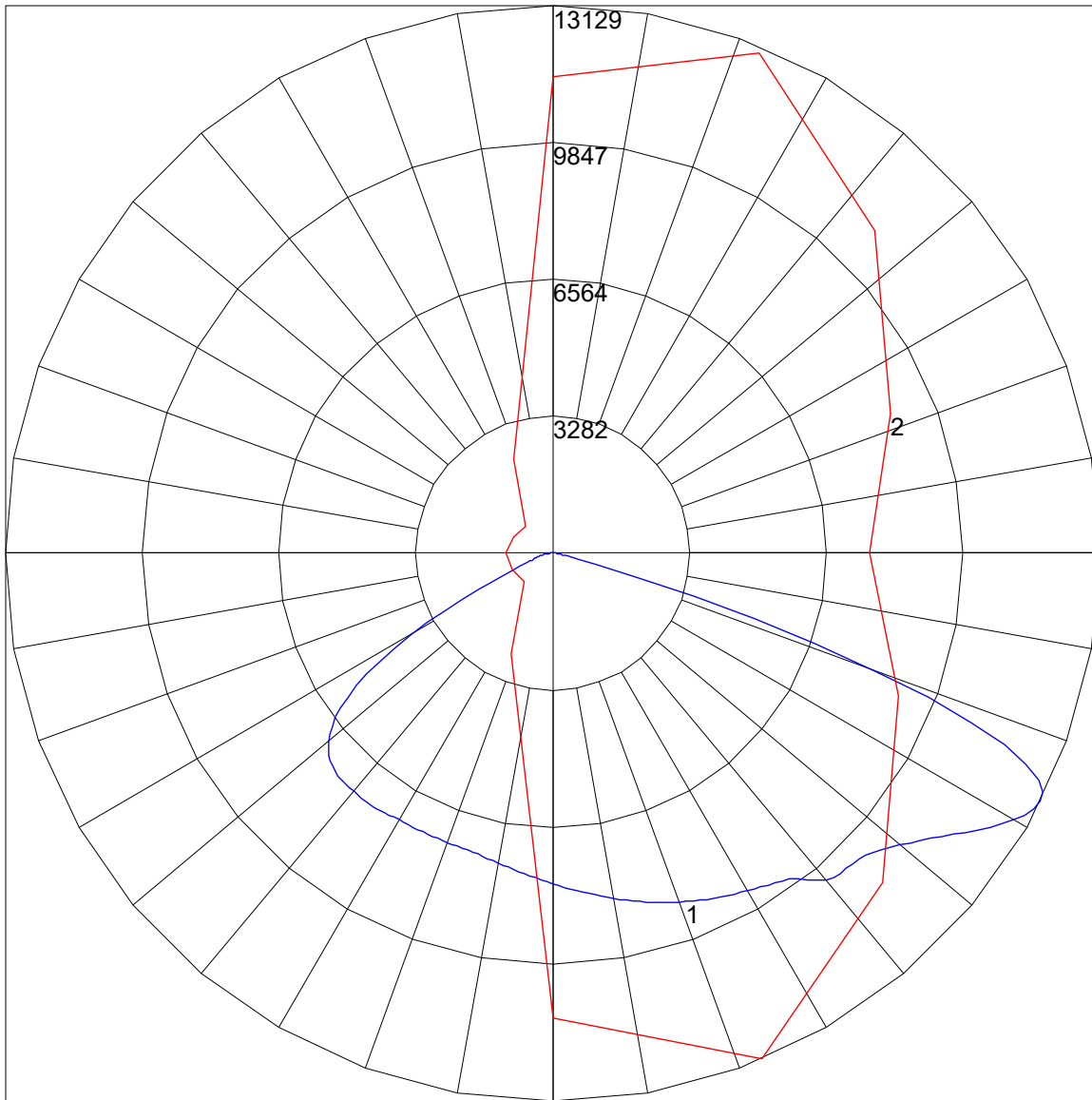
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

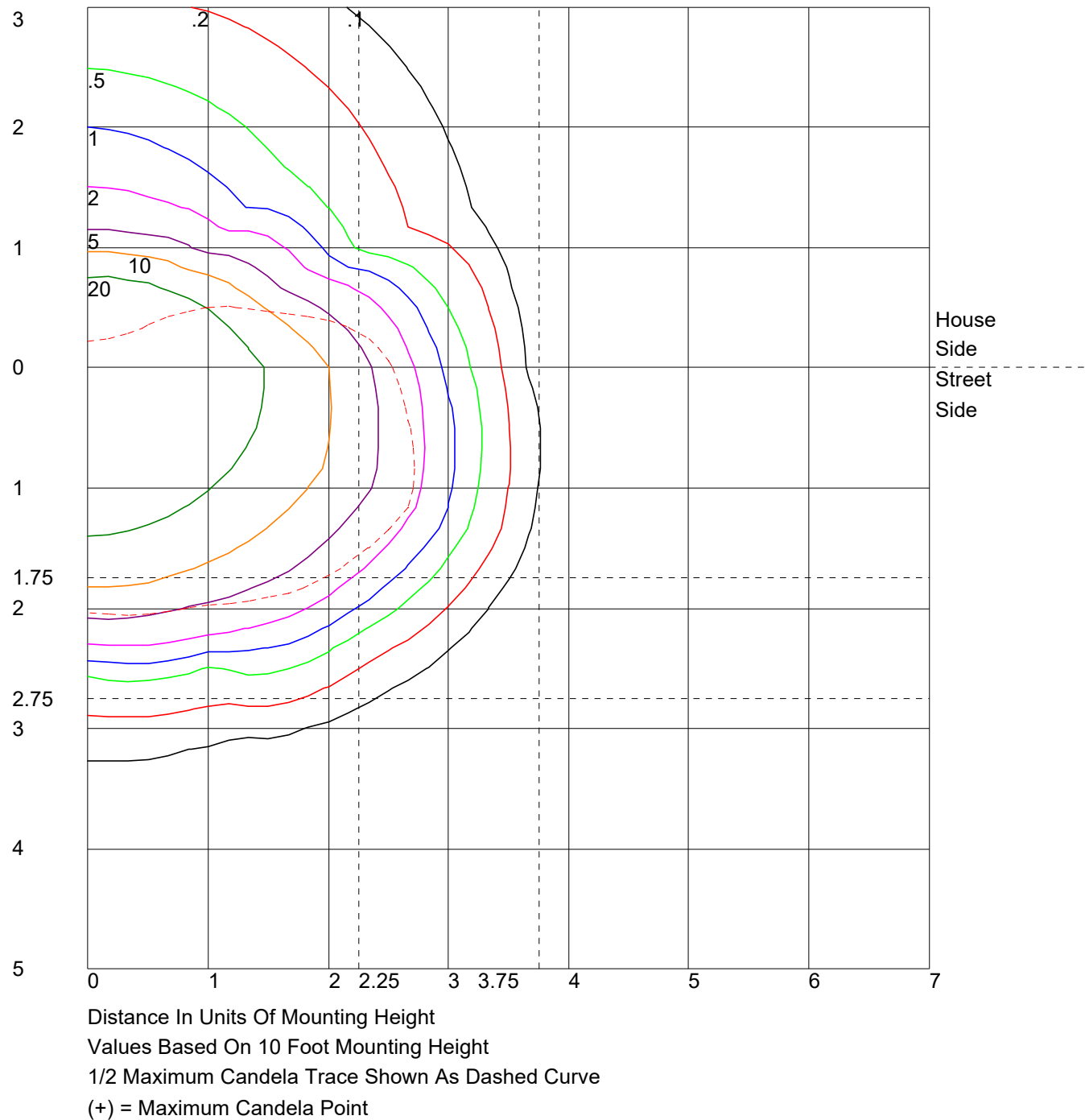
	Lumens	Percent Of Luminaire
Downward Street Side	20619.3	67.3
Downward House Side	9998.6	32.7
Downward Total	30617.9	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30617.9	100.0

POLAR GRAPH

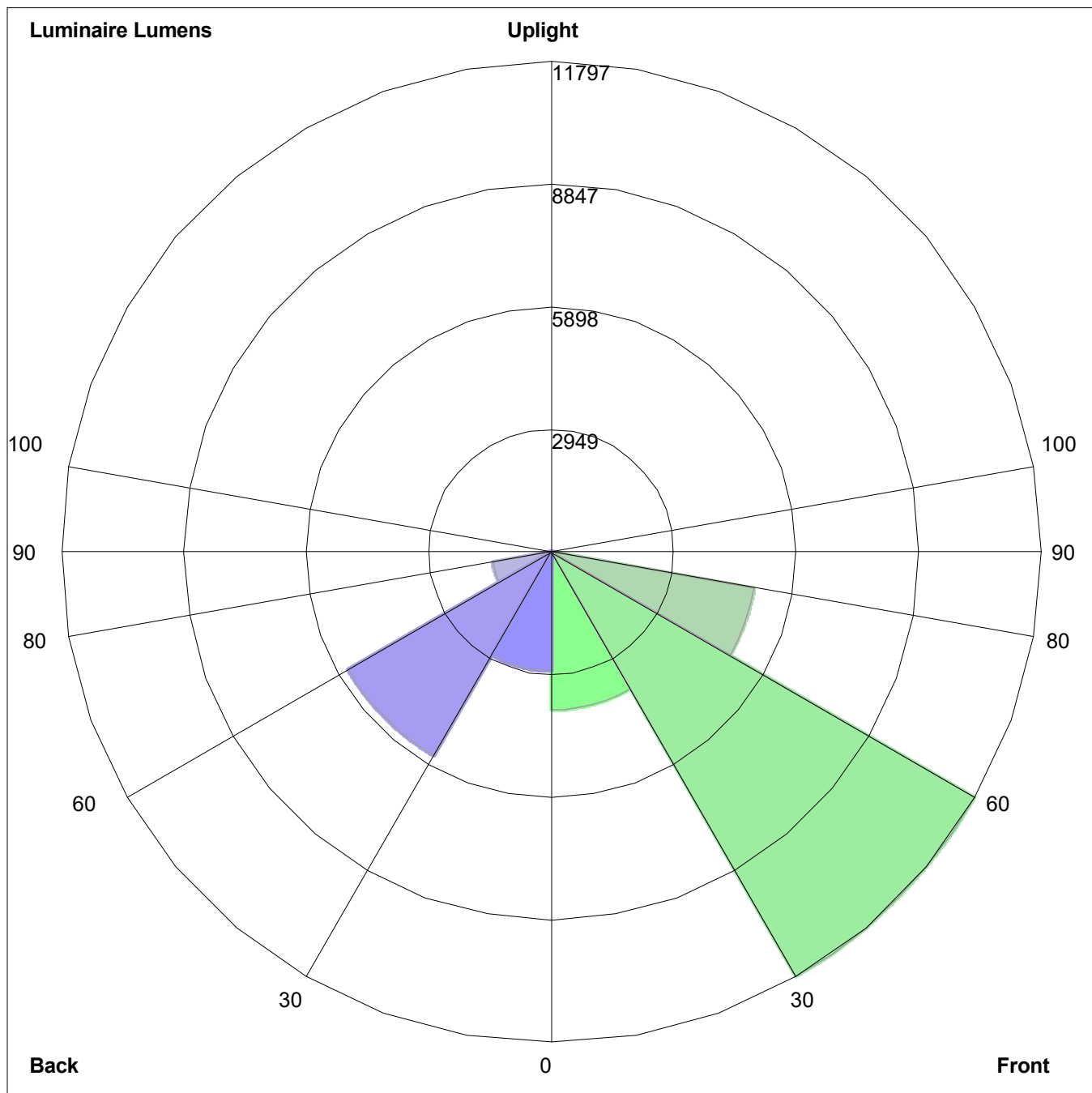


Maximum Candela = 13128.98 Located At Horizontal Angle = 292.5, Vertical Angle = 63  
# 1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (63) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=3800.9, Medium=11796.6, High= 4975.0, Very High=46.7  
Back: Low=2853.8, Medium=5655.3, High=1435.7, Very High=53.8  
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G3