

## IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB VH 3 HV 840.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] R2DG210315054-10  
[TESTLAB] BACL  
[TESTDATE] 2021-04-01  
[ISSUEDATE] 2021-04-01 23:31:31  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMCAT] AMB VH 3 HV 840  
[LAMP] N/A

### CHARACTERISTICS

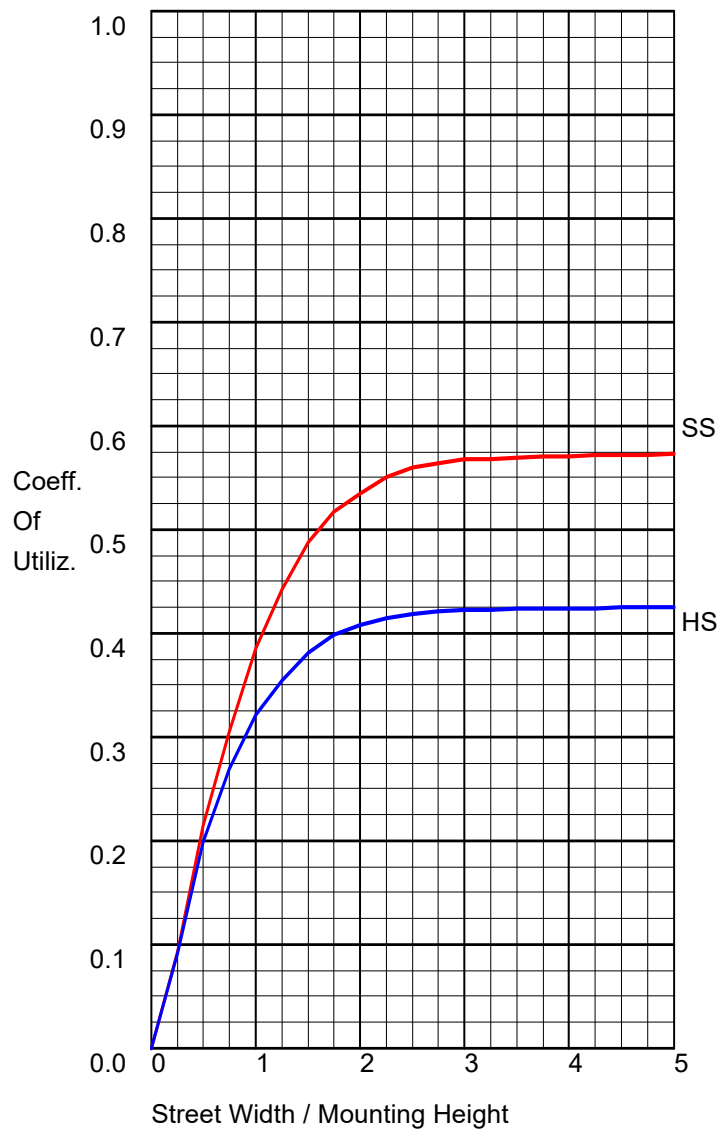
IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	40012
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	307.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	13252.84
Maximum Candela Angle	270H 67V
Maximum Candela (<90 Degrees Vertical)	13252.84
Maximum Candela Angle (<90 Degrees Vertical)	270H 67V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5850.4 (14.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3537.1	N.A.	8.8
FM - Front-Medium (30-60)	12239.8	N.A.	30.6
FH - Front-High (60-80)	6855.7	N.A.	17.1
FVH - Front-Very High (80-90)	354.7	N.A.	0.9
BL - Back-Low (0-30)	3258.5	N.A.	8.1
BM - Back-Medium (30-60)	9098.5	N.A.	22.7
BH - Back-High (60-80)	4585.0	N.A.	11.5
BVH - Back-Very High (80-90)	83.1	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	40012.4	N.A.	100.0
BUG Rating	B5-U0-G4		

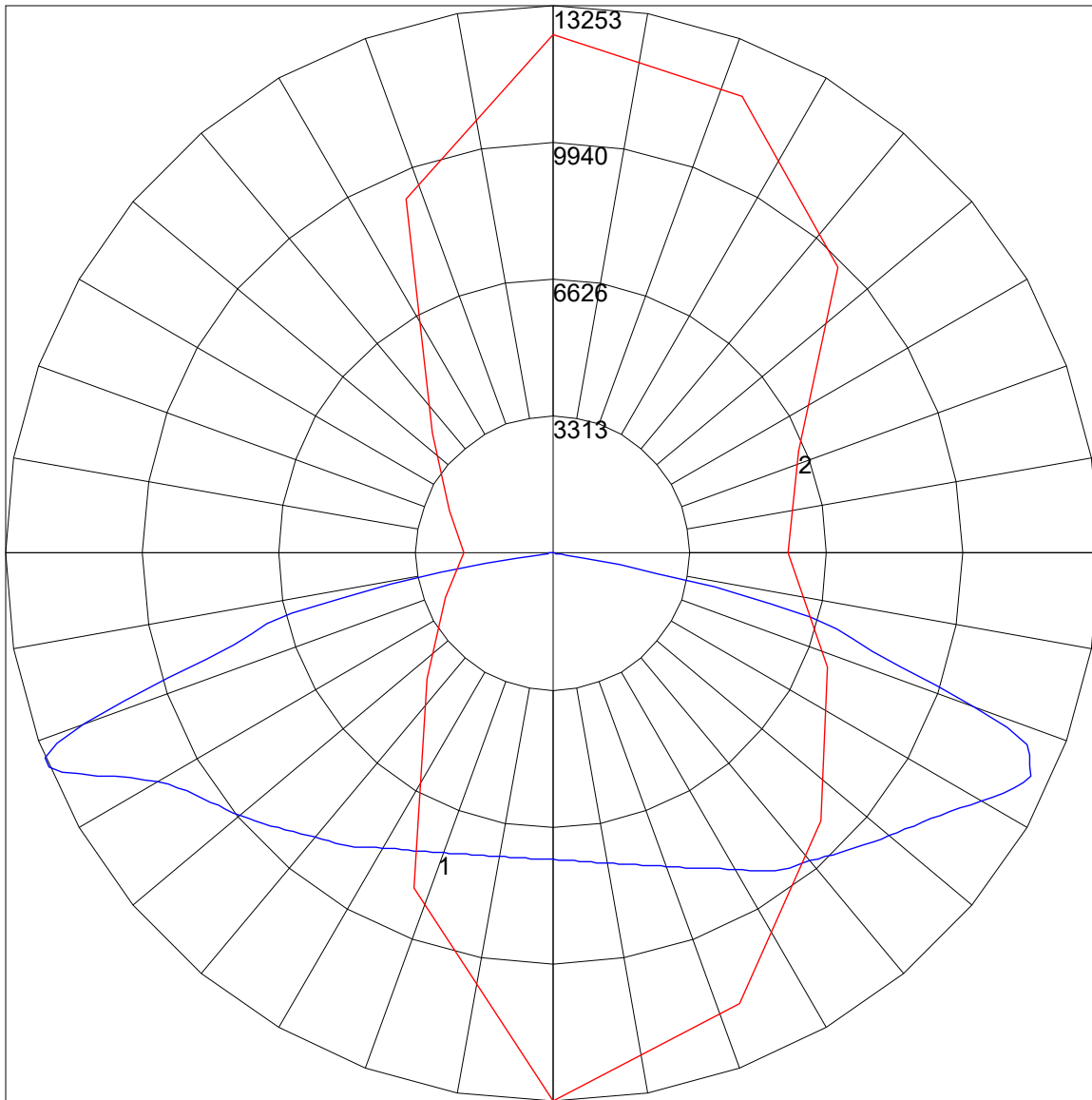
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

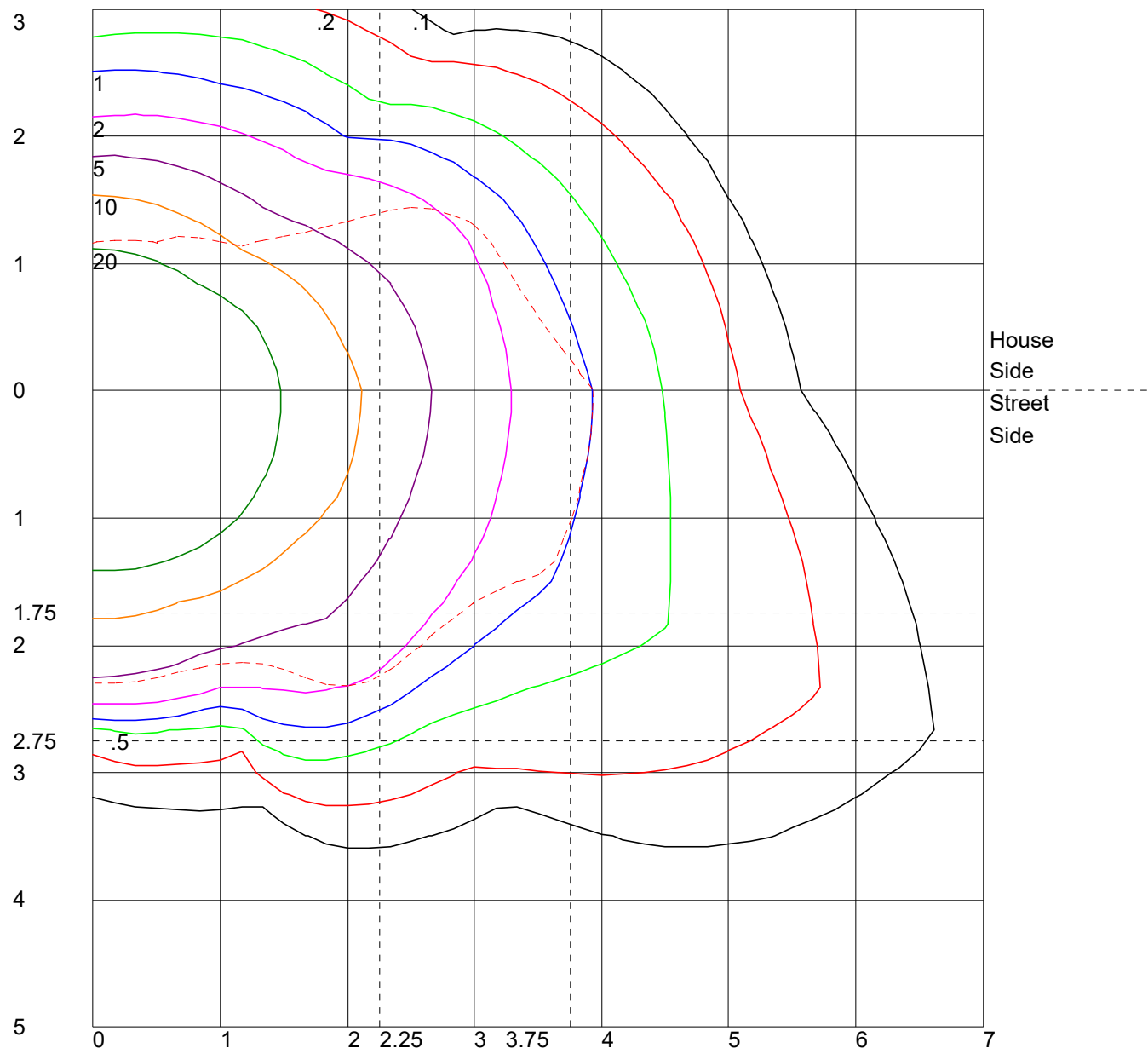
	Lumens	Percent Of Luminaire
Downward Street Side	22987.2	57.5
Downward House Side	17025.1	42.5
Downward Total	40012.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	40012.3	100.0

POLAR GRAPH



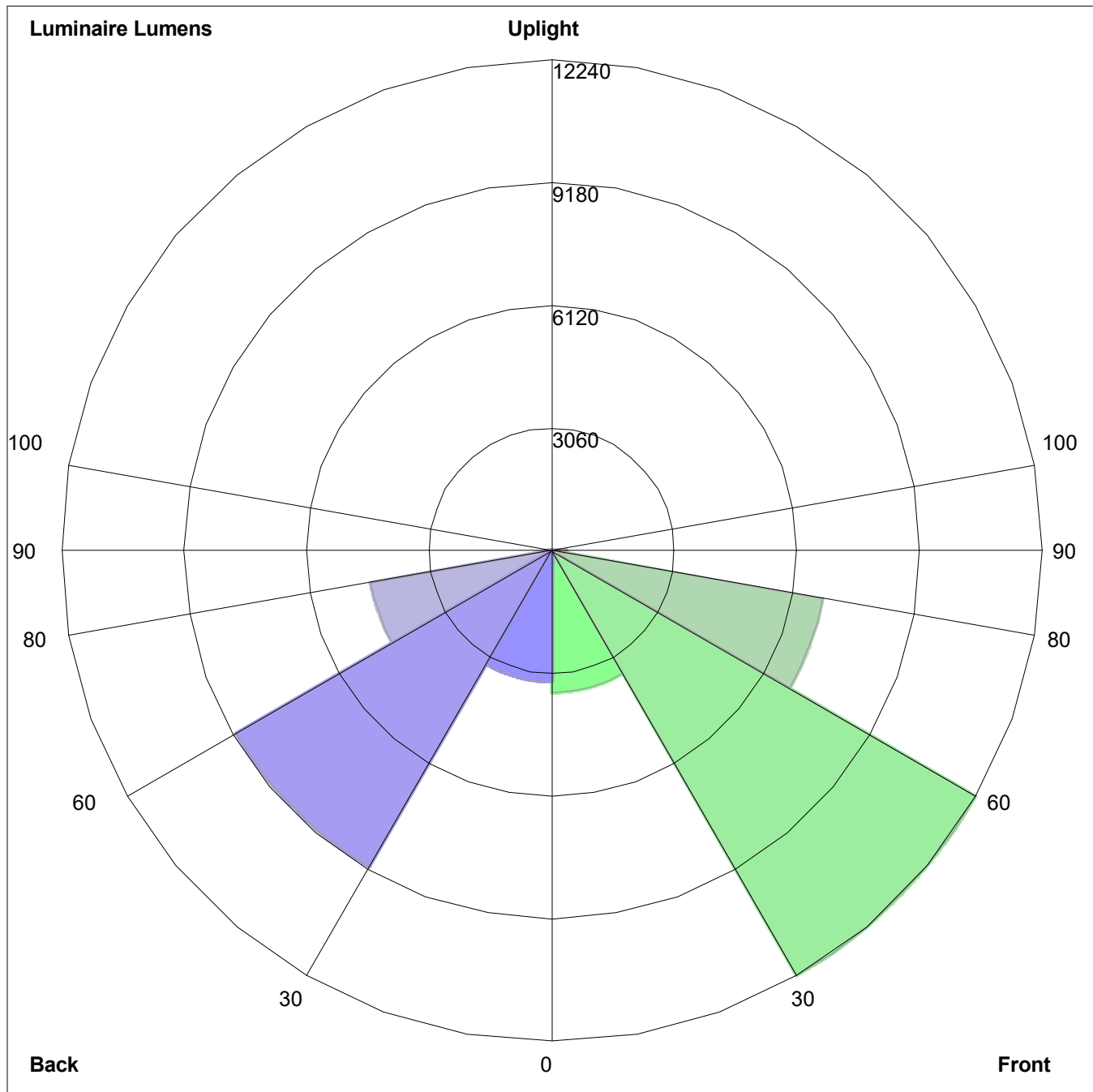
Maximum Candela = 13252.84 Located At Horizontal Angle = 270, Vertical Angle = 67  
# 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

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=3537.1, Medium=12239.8, High=6855.7, Very High=354.7  
Back: Low=3258.5, Medium=9098.5, High= 4585.0, Very High=83.1  
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G4