



IES ROAD REPORT

PHOTOMETRIC FILENAME : AMB HI 3 UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG210203054-10
[TESTLAB] BACL
[TESTDATE] 2021-02-03
[ISSUEDATE] 2021-02-04 15:50:01
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMCAT] AMB HI 3 UV 840
[LAMP] N/A

CHARACTERISTICS

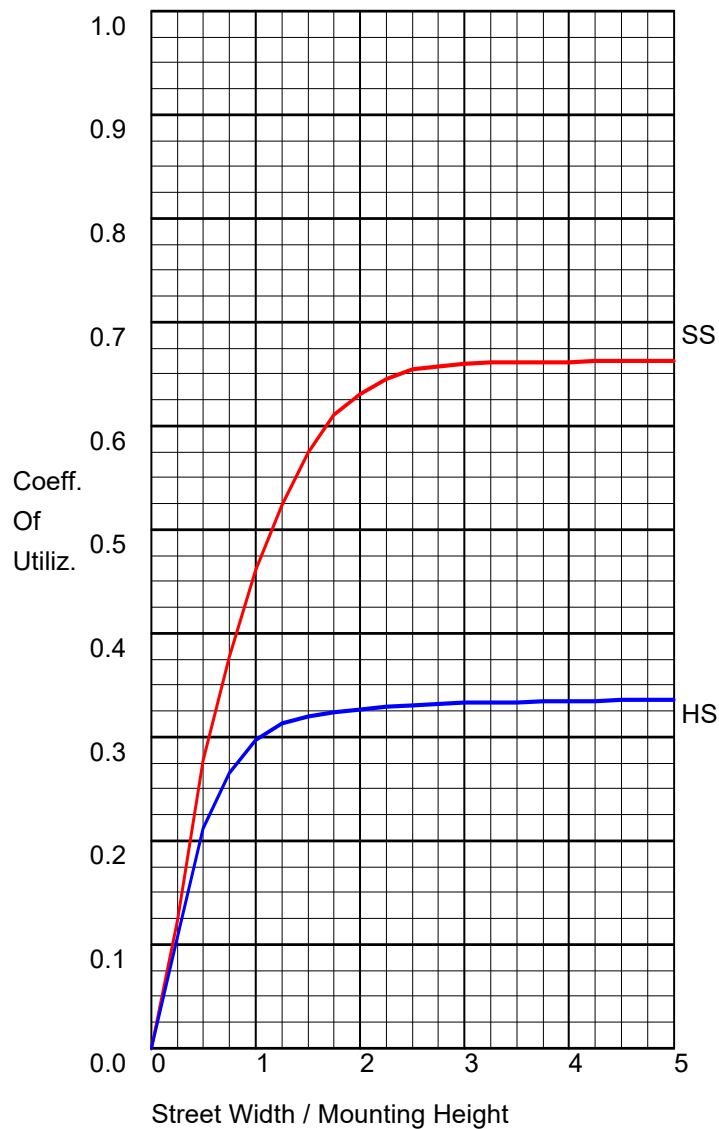
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	30361
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	224
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	11796.6
Maximum Candela Angle	292.5H 63V
Maximum Candela (<90 Degrees Vertical)	11796.6
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	720.16 (2.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3705.4	N.A.	12.2
FM - Front-Medium (30-60)	10973.5	N.A.	36.1
FH - Front-High (60-80)	5404.1	N.A.	17.8
FVH - Front-Very High (80-90)	53.5	N.A.	0.2
BL - Back-Low (0-30)	2798.4	N.A.	9.2
BM - Back-Medium (30-60)	5703.4	N.A.	18.8
BH - Back-High (60-80)	1661.3	N.A.	5.5
BVH - Back-Very High (80-90)	61.6	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	30361.2	N.A.	100.0
BUG Rating	B4-U0-G3		

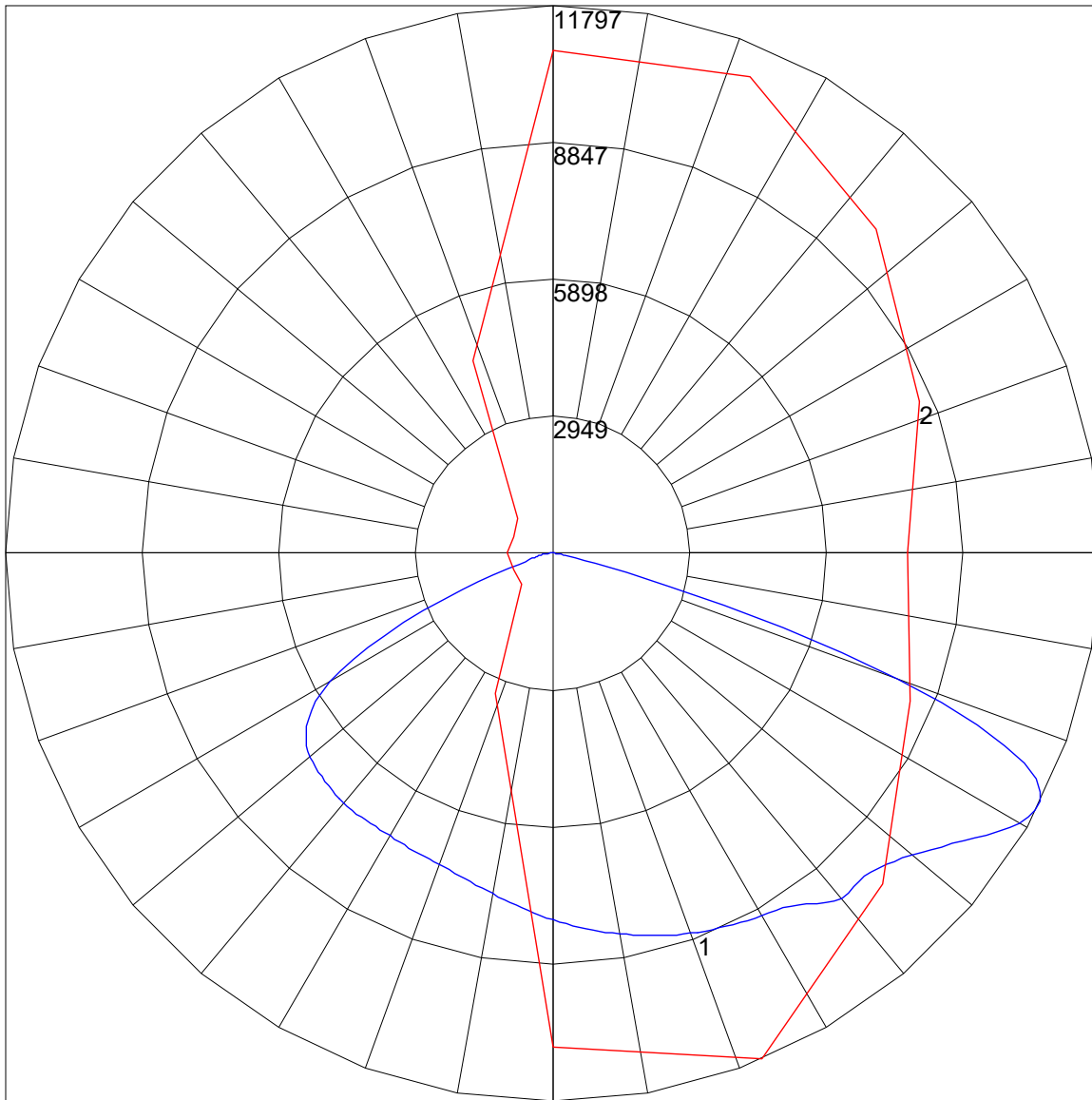
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

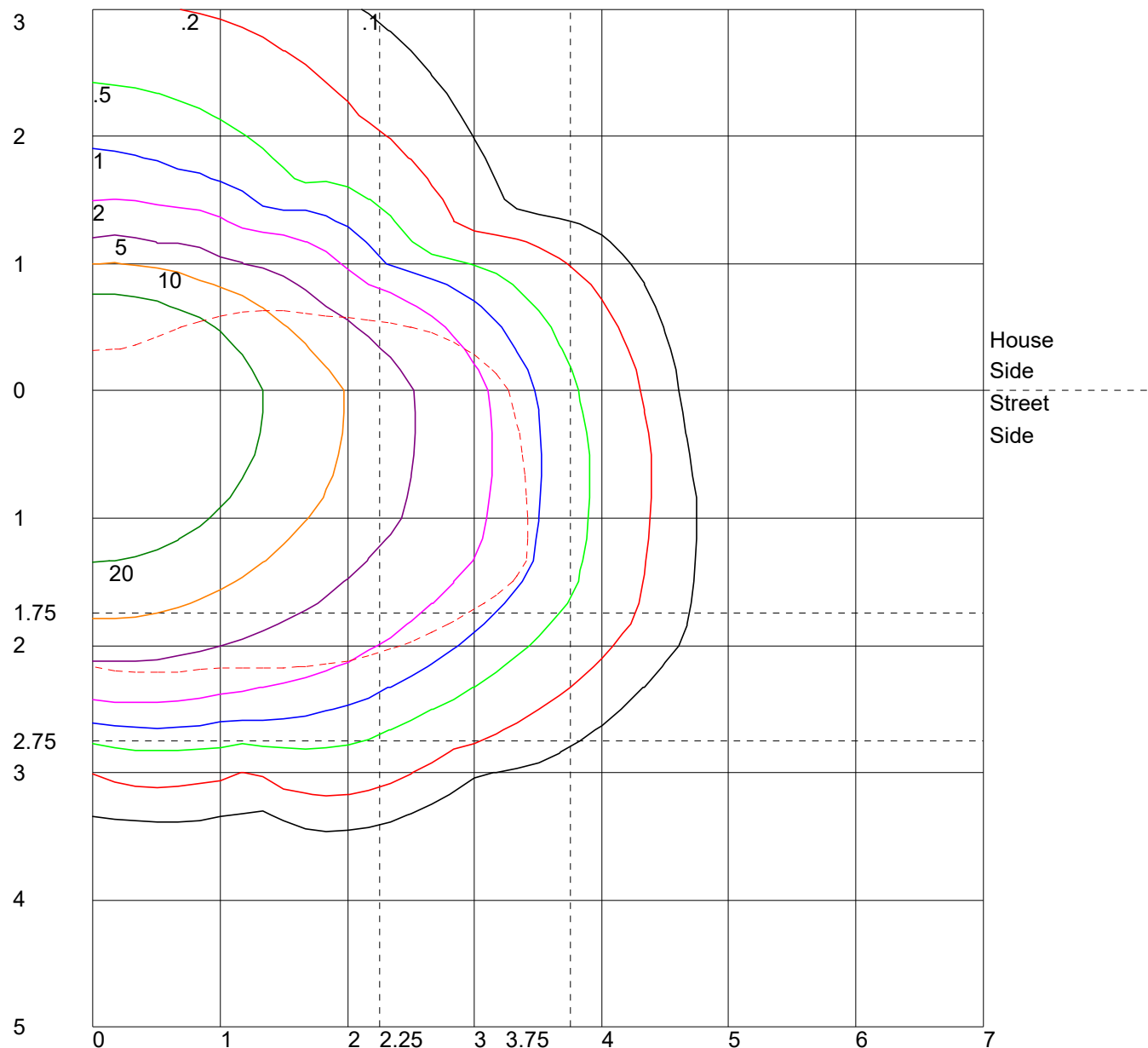
	Lumens	Percent Of Luminaire
Downward Street Side	20136.4	66.3
Downward House Side	10224.8	33.7
Downward Total	30361.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30361.2	100.0

POLAR GRAPH



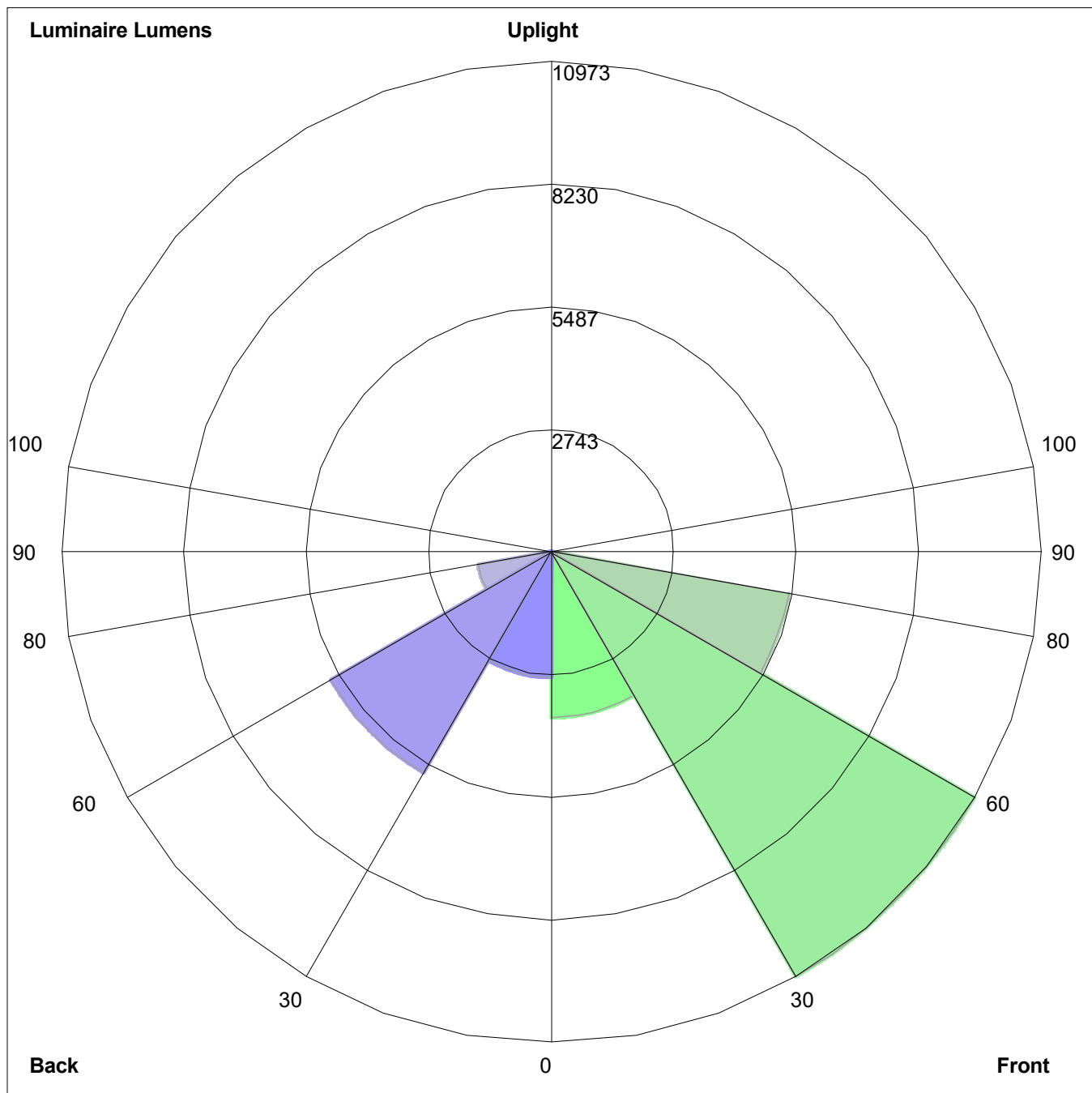
Maximum Candela = 11796.6 Located At Horizontal Angle = 292.5, Vertical Angle = 63
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (63) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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=3705.4, Medium=10973.5, High=5404.1, Very High=53.5
Back: Low=2798.4, Medium=5703.4, High=1661.3, Very High=61.6
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G3