



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALX HI 5M UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] s17050021d-05-A (scaled to 4K)

[TESTLAB] LEADING TESTING LABORATORIES

[ISSUEDATE] 2017-05-31 14:23:19

[MANUFAC] LumenFocus, LLC

[LUMCAT] ALX HI 5M UV 840

[LUMINAIRE] ALX WITH TWO 256W LED ARRAYS, TYPE V OPTICS, CLEAR GLASS LENS

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	59506
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	549.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	20830.038
Maximum Candela Angle	195H 2.5V
Maximum Candela (<90 Degrees Vertical)	20830.038
Maximum Candela Angle (<90 Degrees Vertical)	195H 2.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1117.643 (1.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	8287.7	N.A.	13.9
FM - Front-Medium (30-60)	16657.1	N.A.	28.0
FH - Front-High (60-80)	3649.4	N.A.	6.1
FVH - Front-Very High (80-90)	22.3	N.A.	0.0
BL - Back-Low (0-30)	8390.8	N.A.	14.1
BM - Back-Medium (30-60)	17500.3	N.A.	29.4
BH - Back-High (60-80)	4952.0	N.A.	8.3
BVH - Back-Very High (80-90)	46.1	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	59505.7	N.A.	100.0
-------	---------	------	-------

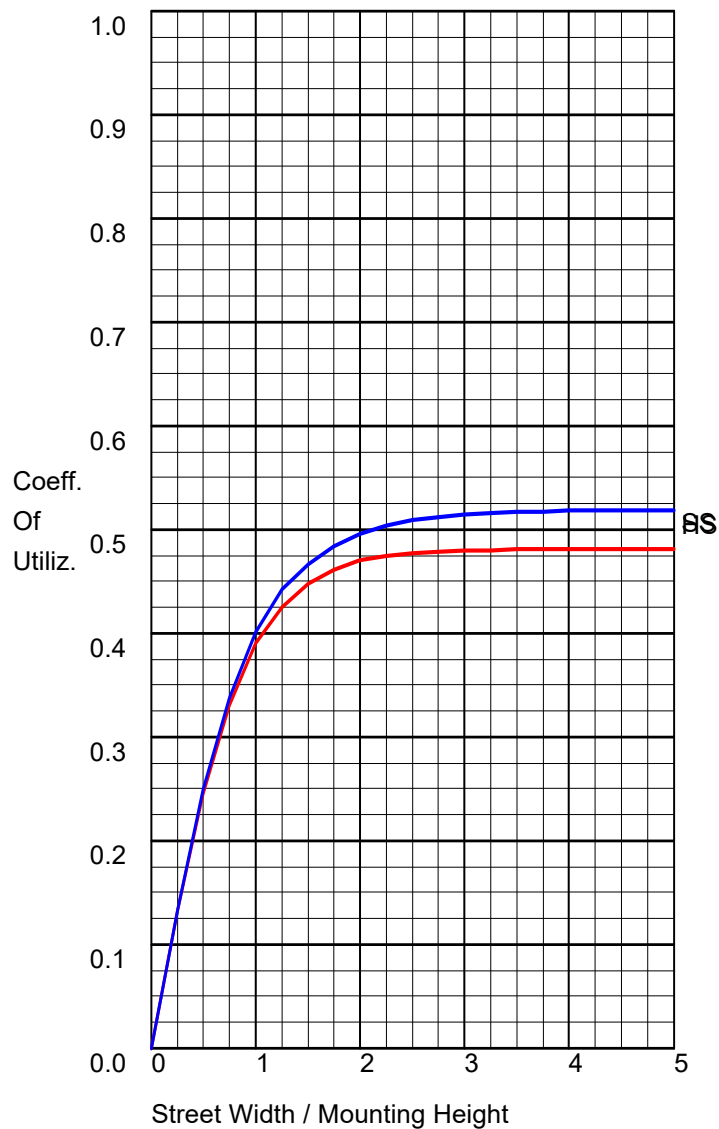
BUG Rating	B5-U0-G2
------------	----------

IES ROAD REPORT
PHOTOMETRIC FILENAME : ALX HI 5M UV 840.IES

CANDELA TABULATION - (Cont.)

177.0	0.000	0.000	0.000
177.5	0.000	0.000	0.000
178.0	0.000	0.000	0.000
178.5	0.000	0.000	0.000
179.0	0.000	0.000	0.000
179.5	0.000	0.000	0.000
180.0	0.000	0.000	0.000

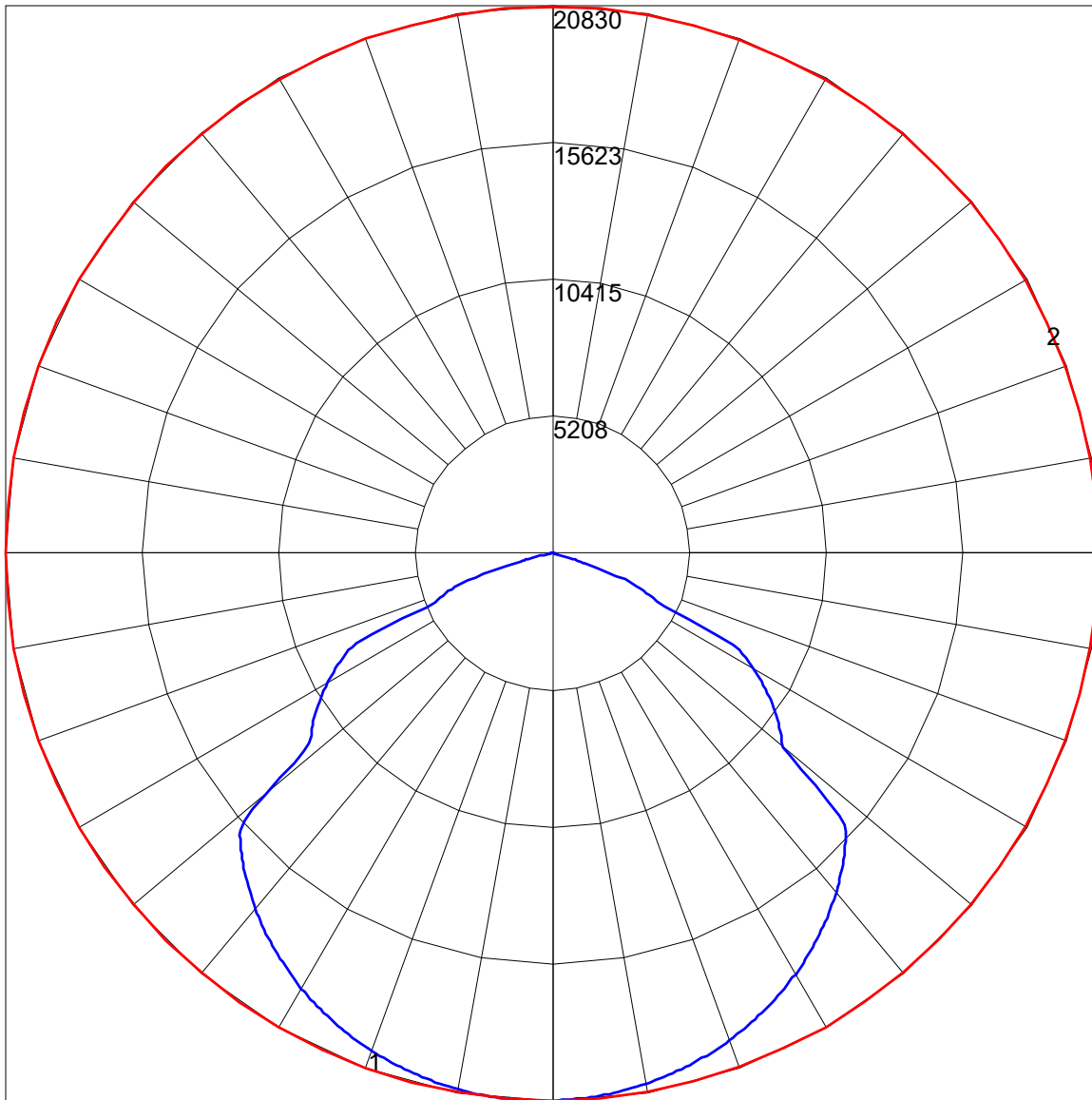
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

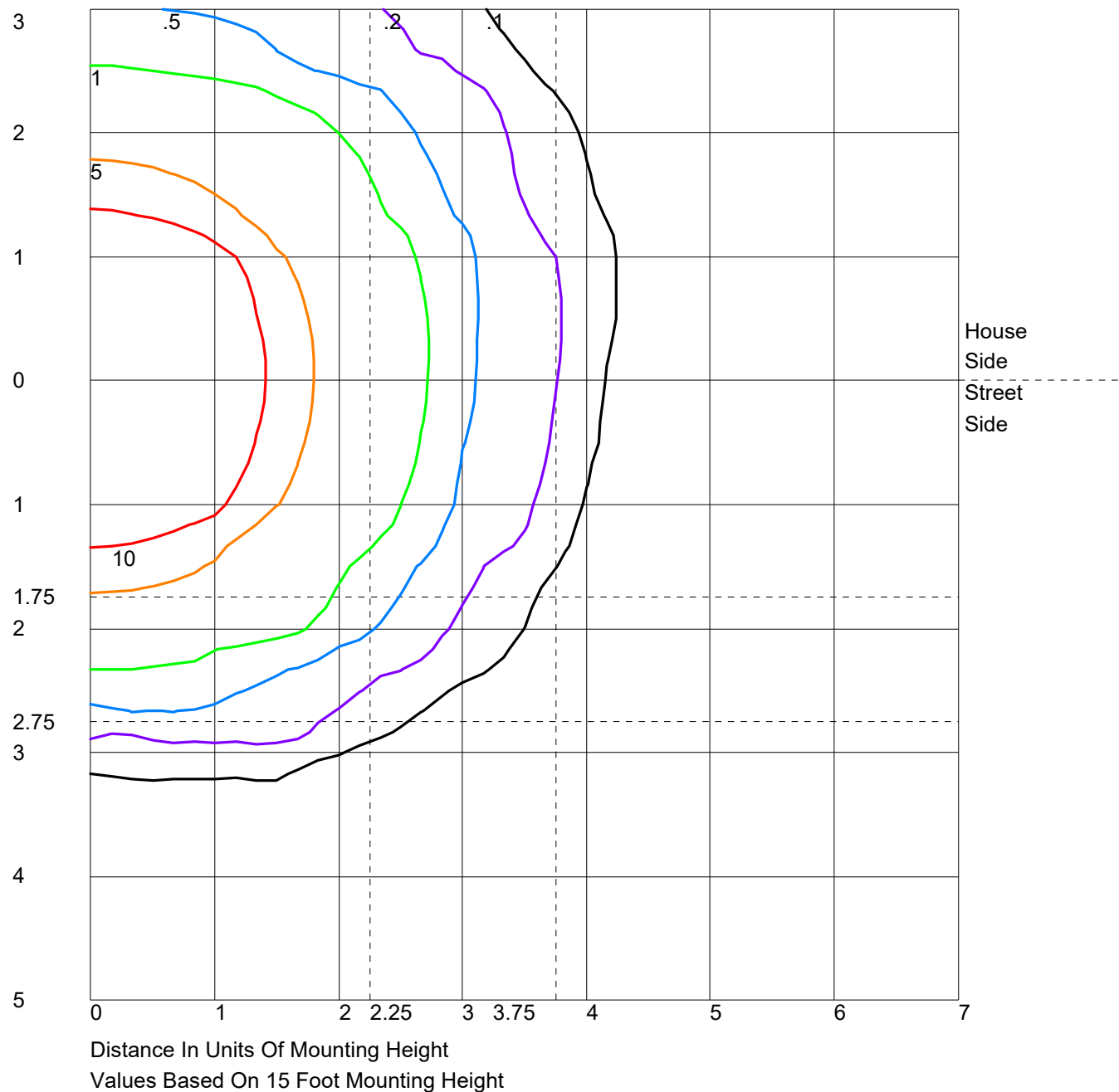
	Lumens	Percent Of Luminaire
Downward Street Side	28616.5	48.1
Downward House Side	30889.3	51.9
Downward Total	59505.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	59505.8	100.0

POLAR GRAPH

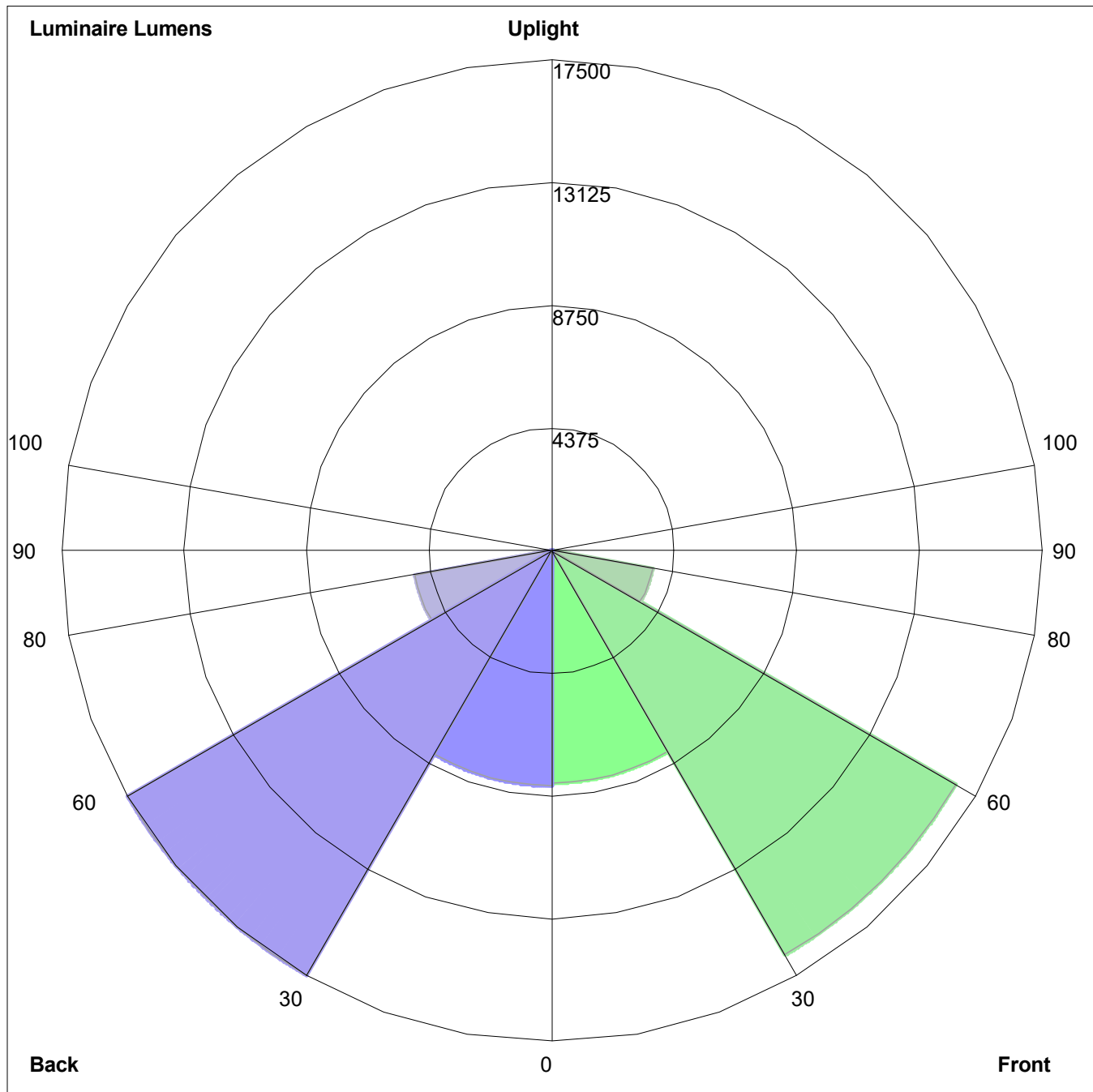


Maximum Candela = 20830.038 Located At Horizontal Angle = 195, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (195 - 15) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=8287.7, Medium=16657.1, High=3649.4, Very High=22.3
 Back: Low=8390.8, Medium=17500.3, High= 4952.0, Very High=46.1
 Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G2