



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALX HI 3 UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] s17050021d-08-A (scaled to 4K)

[TESTLAB] LEADING TESTING LABORATORIES

[ISSUEDATE] 2017-07-11 10:18:56

[MANUFAC] LumenFocus, LLC

[LUMCAT] ALX HI 3 UV 840

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

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	62382
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	549.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	26833.407
Maximum Candela Angle	45H 55V
Maximum Candela (<90 Degrees Vertical)	26833.407
Maximum Candela Angle (<90 Degrees Vertical)	45H 55V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2716.848 (4.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	8819.5	N.A.	14.1
FM - Front-Medium (30-60)	26701.3	N.A.	42.8
FH - Front-High (60-80)	8518.7	N.A.	13.7
FVH - Front-Very High (80-90)	27.4	N.A.	0.0
BL - Back-Low (0-30)	3456.9	N.A.	5.5
BM - Back-Medium (30-60)	9647.2	N.A.	15.5
BH - Back-High (60-80)	5148.7	N.A.	8.3
BVH - Back-Very High (80-90)	62.8	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	62382.5	N.A.	100.0
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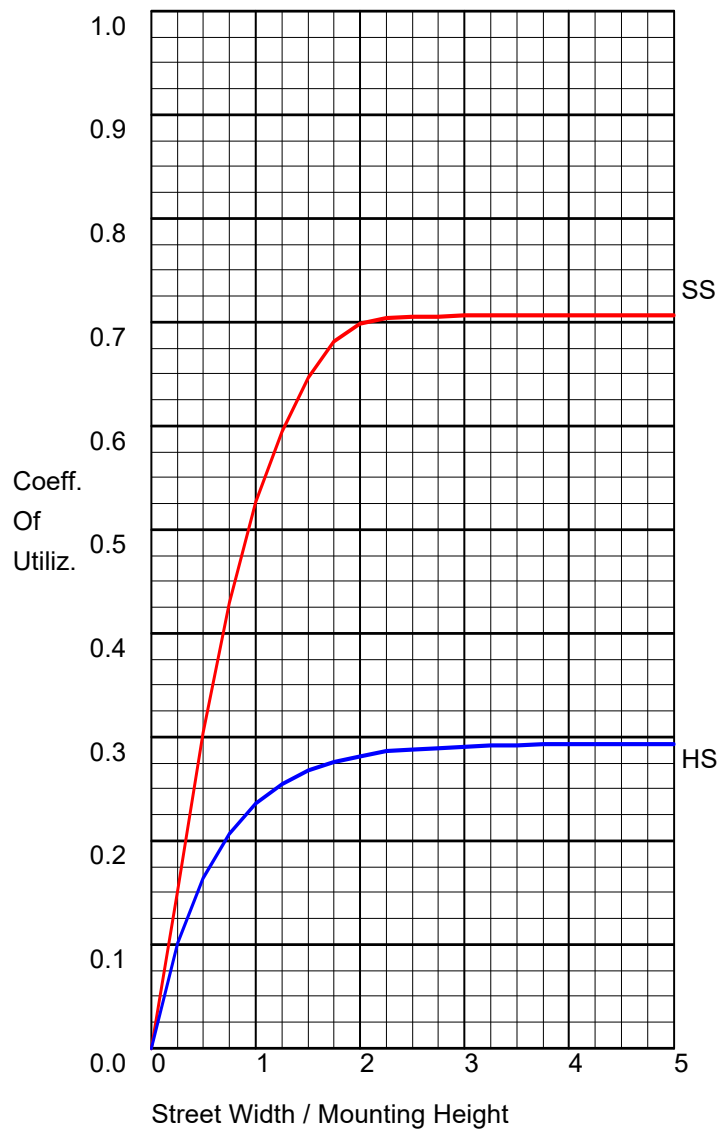
BUG Rating	B5-U0-G5
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CANDELA TABULATION - (Cont.)

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

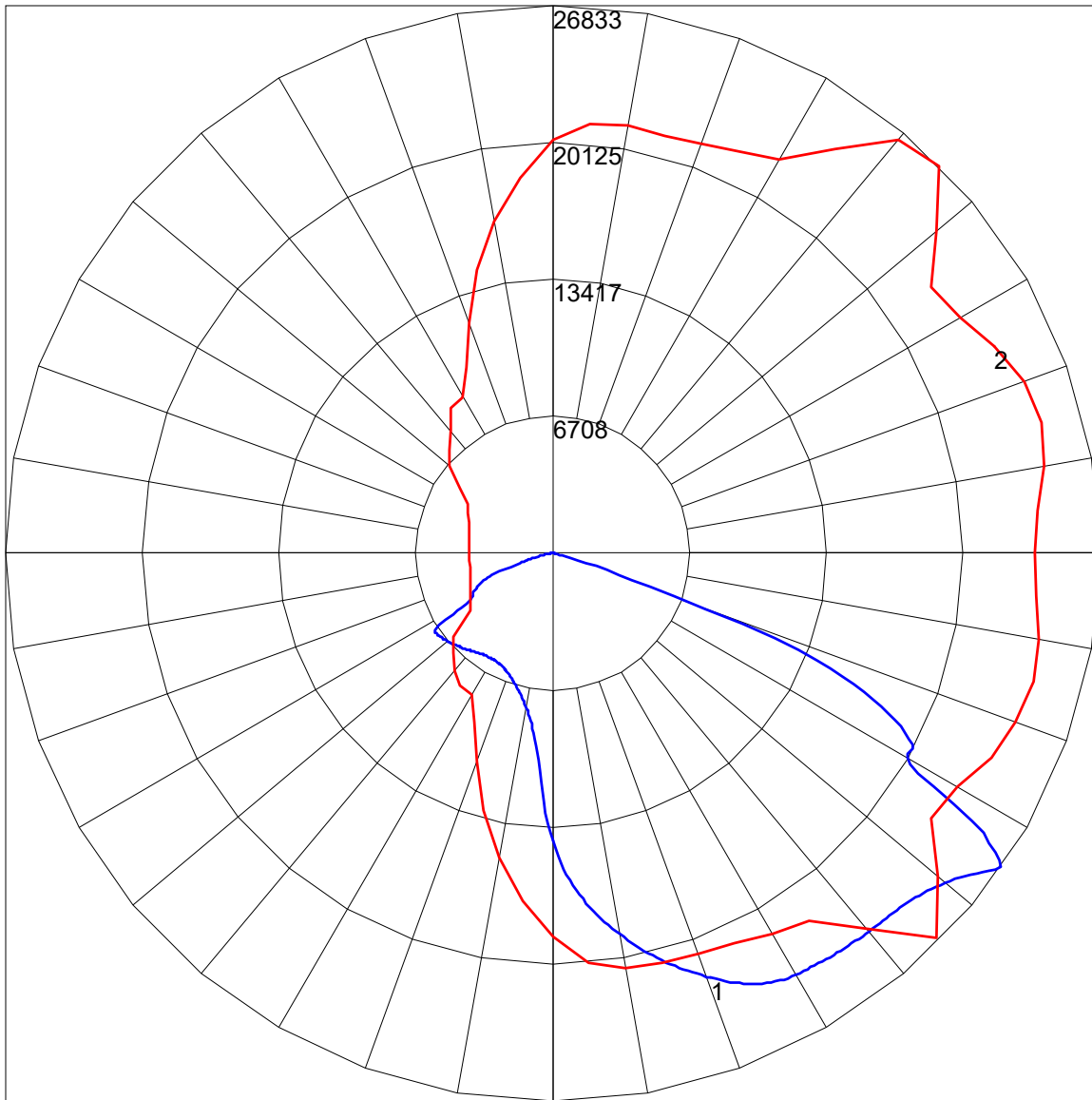
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

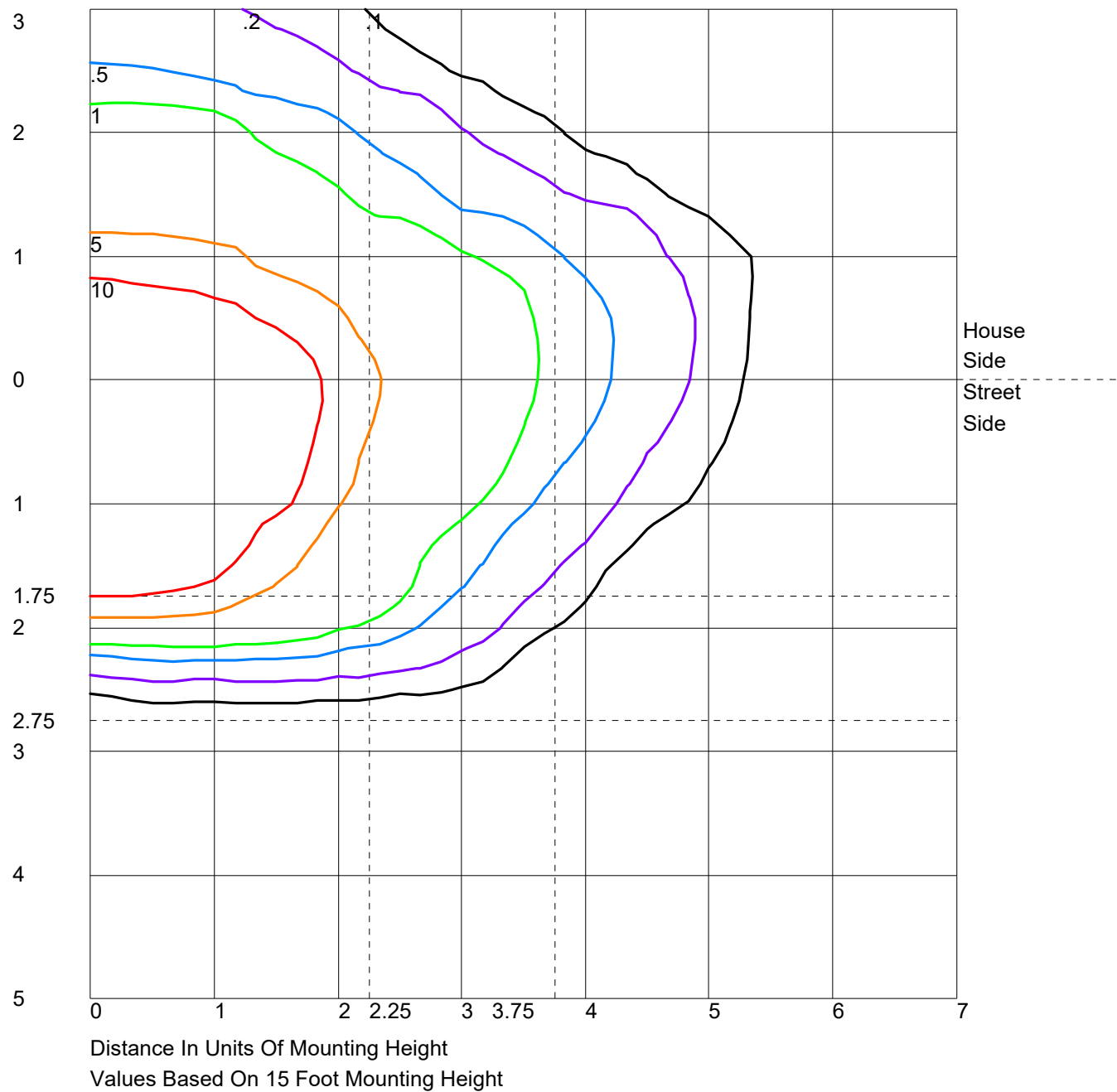
	Lumens	Percent Of Luminaire
Downward Street Side	44067.0	70.6
Downward House Side	18315.5	29.4
Downward Total	62382.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	62382.5	100.0

POLAR GRAPH

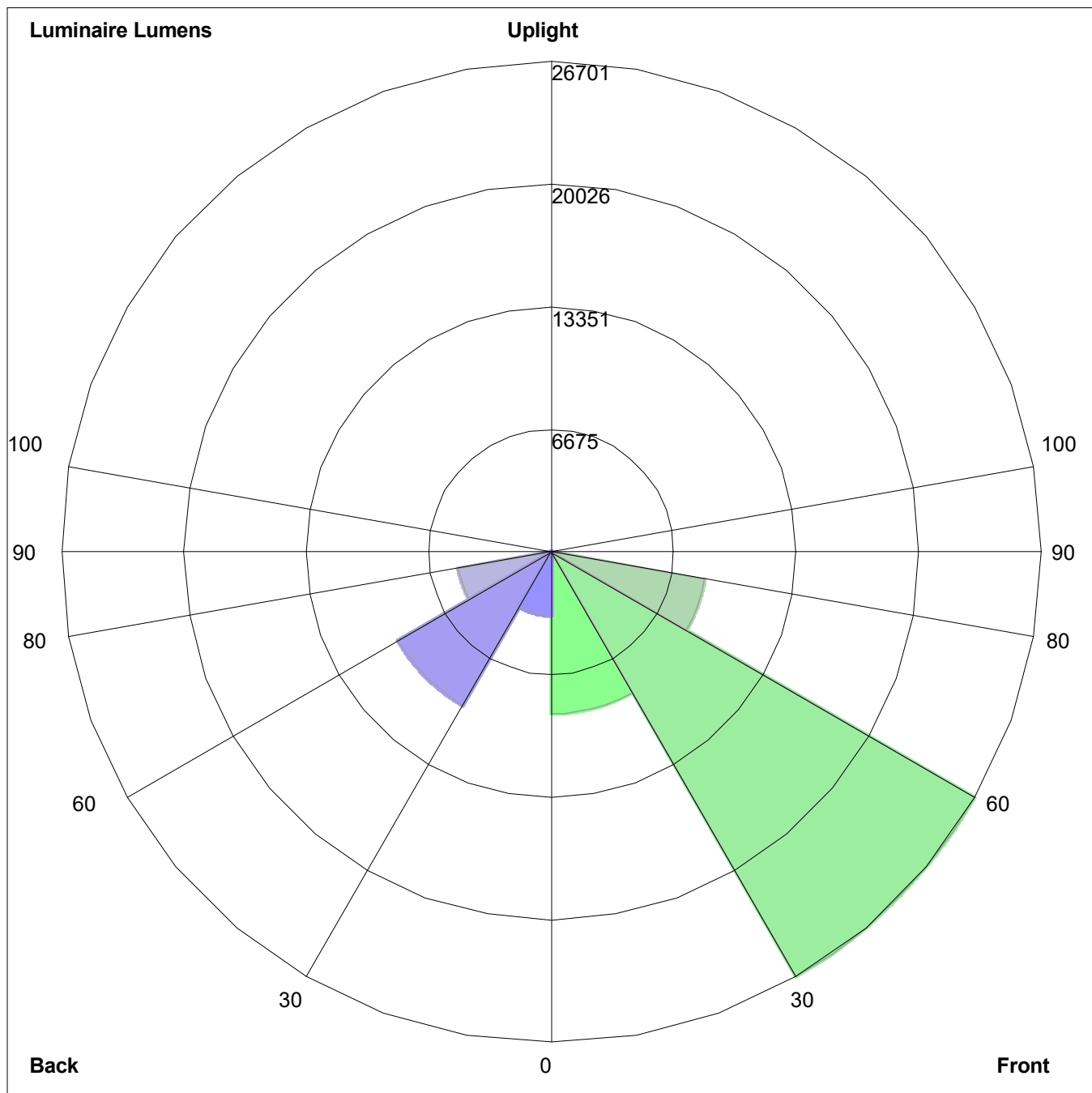


Maximum Candela = 26833.407 Located At Horizontal Angle = 45, Vertical Angle = 55
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (55) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=8819.5, Medium=26701.3, High=8518.7, Very High=27.4
Back: Low=3456.9, Medium=9647.2, High=5148.7, Very High=62.8
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5