



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALX HI 5M UV 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] s17050021d-05-A

[TESTLAB] LEADING TESTING LABORATORIES

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

[MANUFAC] LumenFocus, LLC

[LUMCAT] ALX HI 5M UV 850

[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	63813
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	549.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	22337.835
Maximum Candela Angle	195H 2.5V
Maximum Candela (<90 Degrees Vertical)	22337.835
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	1198.544 (1.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	8887.6	N.A.	13.9
FM - Front-Medium (30-60)	17862.8	N.A.	28.0
FH - Front-High (60-80)	3913.6	N.A.	6.1
FVH - Front-Very High (80-90)	23.9	N.A.	0.0
BL - Back-Low (0-30)	8998.2	N.A.	14.1
BM - Back-Medium (30-60)	18767.1	N.A.	29.4
BH - Back-High (60-80)	5310.4	N.A.	8.3
BVH - Back-Very High (80-90)	49.5	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	63813.1	N.A.	100.0
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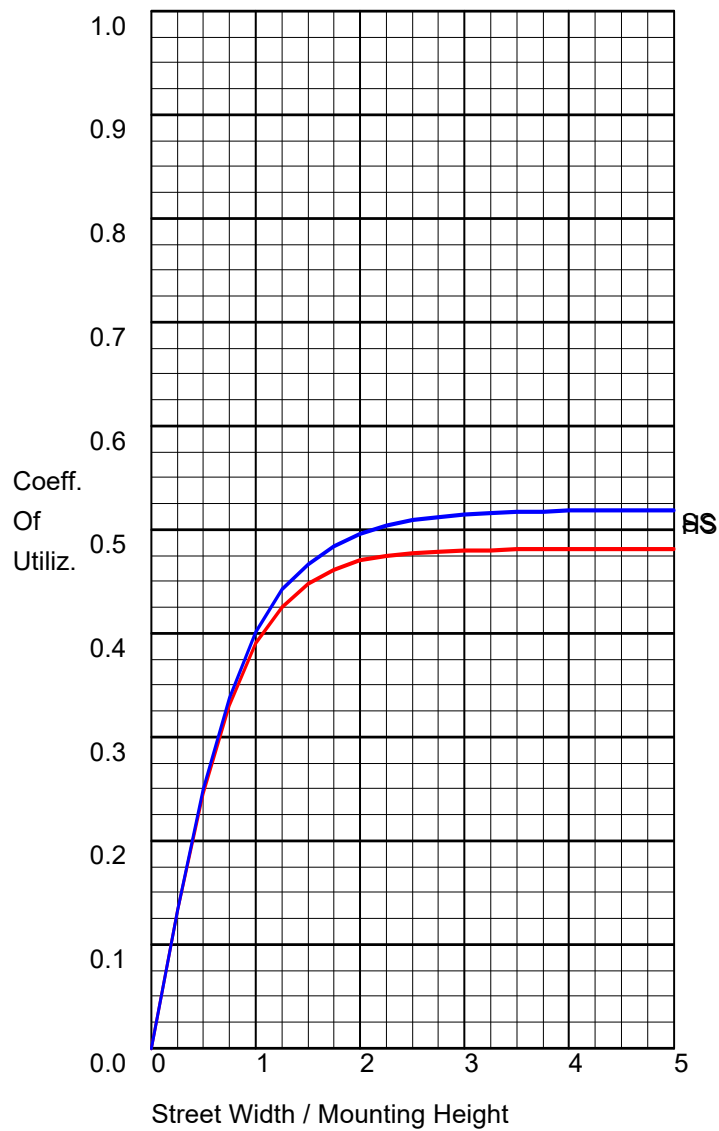
BUG Rating	B5-U0-G3
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CANDELA TABULATION - (Cont.)

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

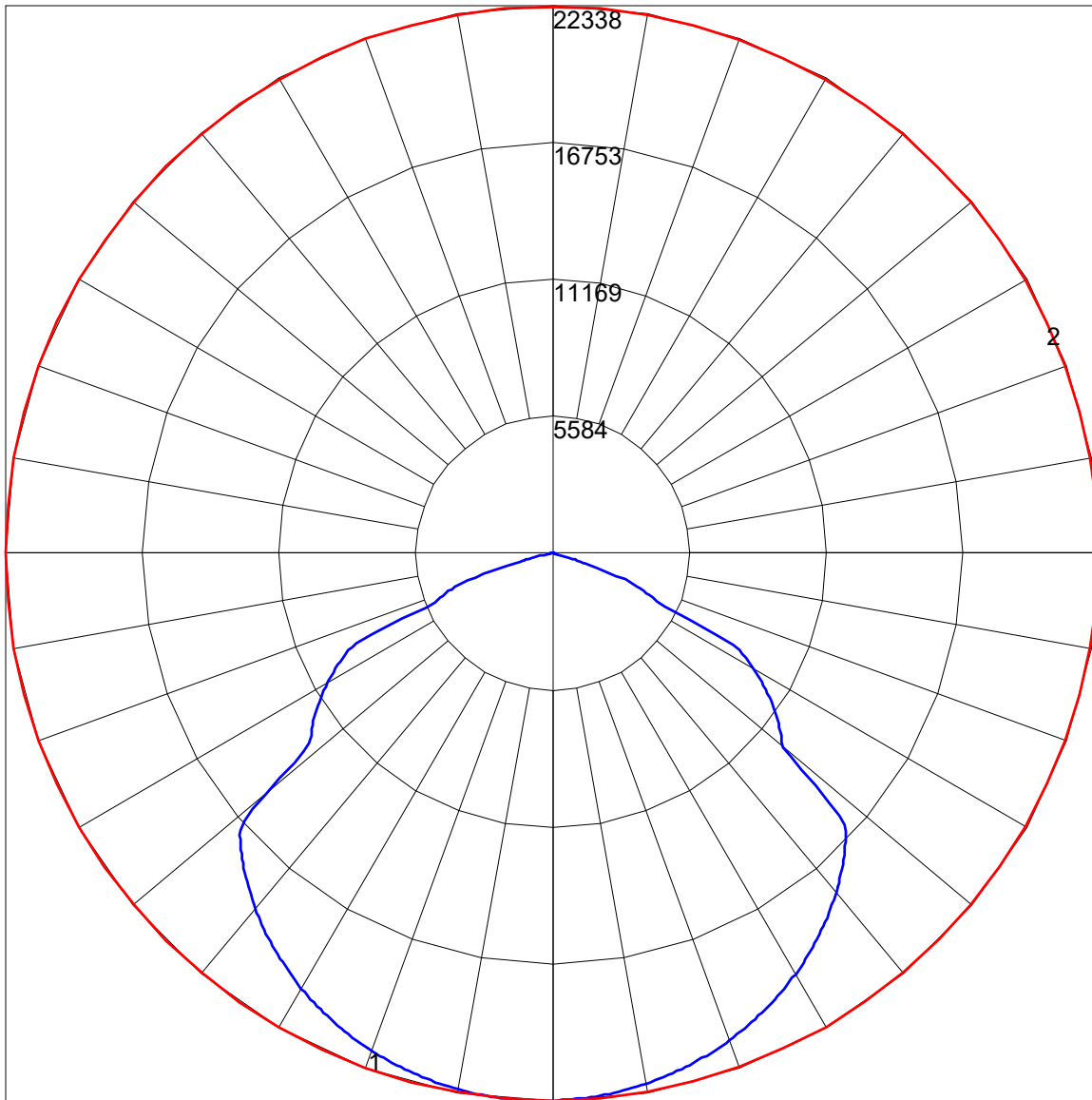
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

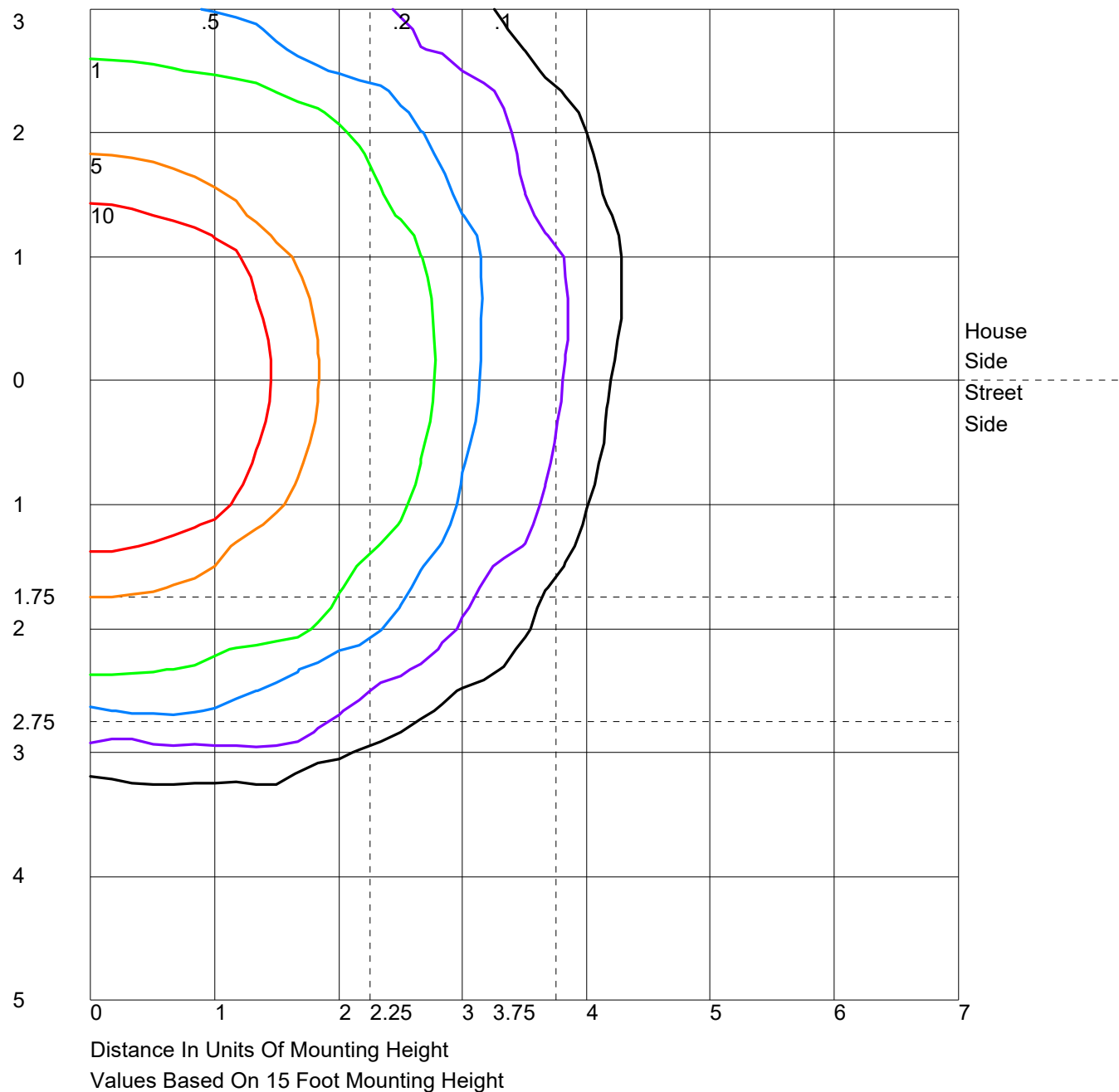
	Lumens	Percent Of Luminaire
Downward Street Side	30687.9	48.1
Downward House Side	33125.2	51.9
Downward Total	63813.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	63813.2	100.0

POLAR GRAPH

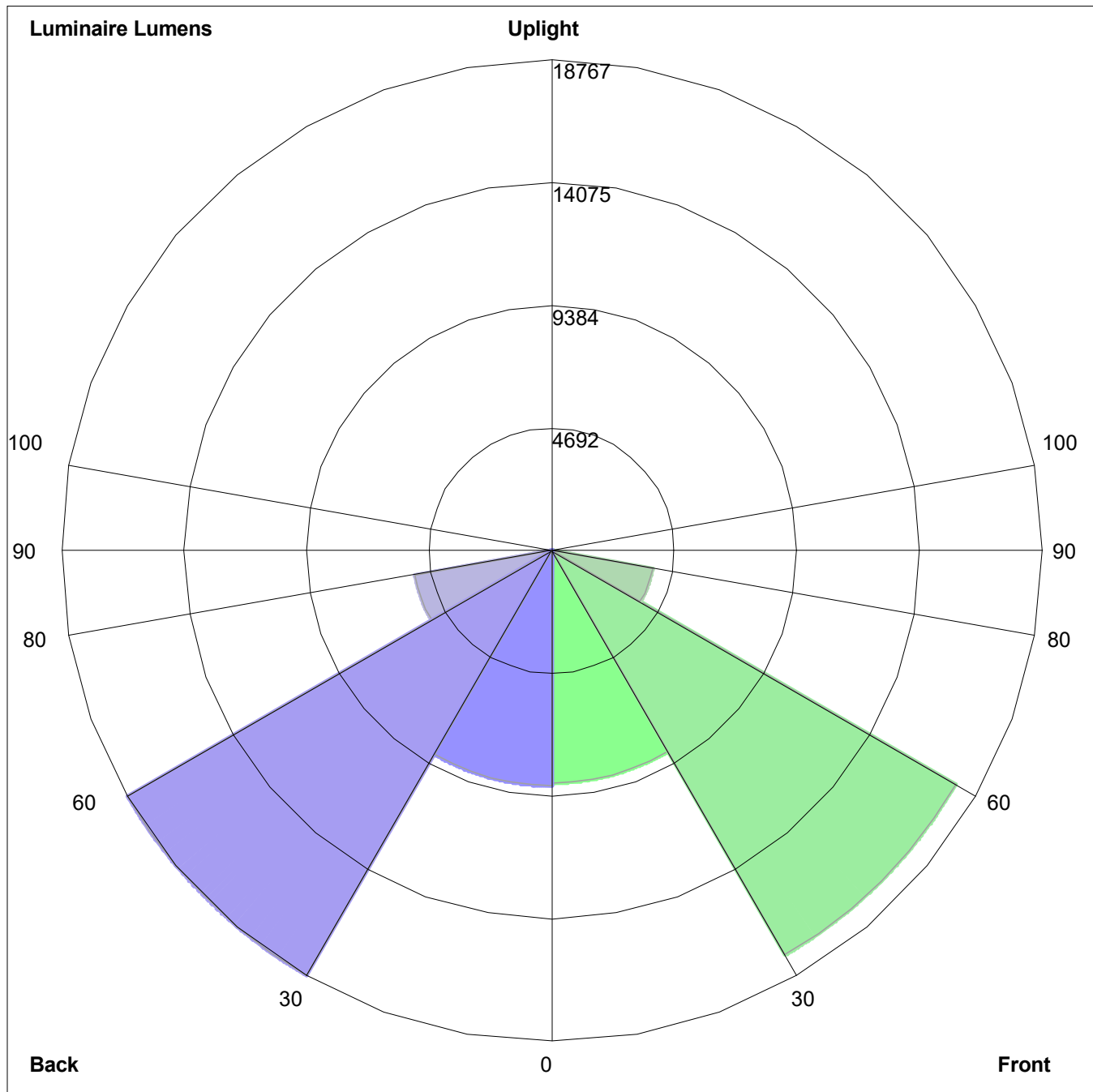


Maximum Candela = 22337.835 Located At Horizontal Angle = 195, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (195 - 15) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=8887.6, Medium=17862.8, High=3913.6, Very High=23.9
 Back: Low=8998.2, Medium=18767.1, High=5310.4, Very High=49.5
 Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G3