



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALX HI 4 UV 850-EHS.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Q2018031901 scaled from 256w

[TESTLAB] QSSI

[ISSUE DATE] 2018-3-19

[MANUFAC] LumenFocus, LLC

[LUMCAT] ALX HI 4 UV 850-EHS

[LUMINAIRE] ALX WITH TOW 256W LED ARRAYS, HOUSE SIDE SHIELD

[LAMPCAT] SAMSUNG 351B-N WITH TYPE IV OPTICS

[LAMP] SAMSUNG 351B-N LEDs

CHARACTERISTICS

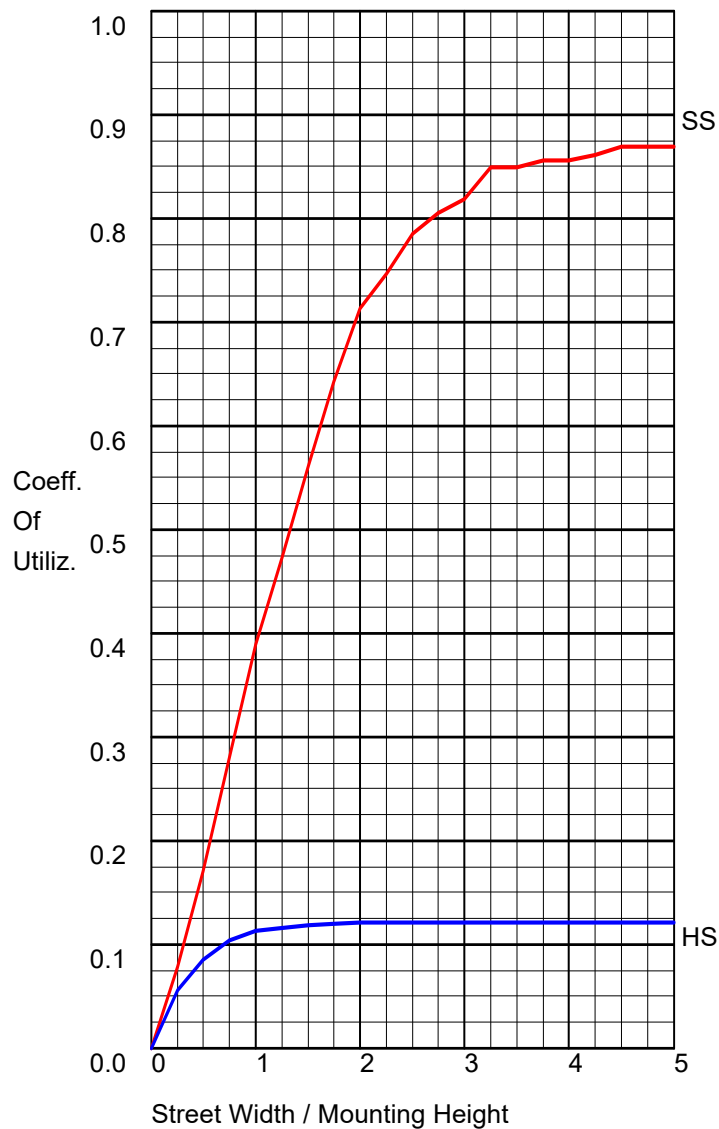
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	36212
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	563
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	28844.08
Maximum Candela Angle	350H 65V
Maximum Candela (<90 Degrees Vertical)	28844.08
Maximum Candela Angle (<90 Degrees Vertical)	350H 65V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2860.86 (7.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2667.3	N.A.	7.4
FM - Front-Medium (30-60)	15187.4	N.A.	41.9
FH - Front-High (60-80)	13559.5	N.A.	37.4
FVH - Front-Very High (80-90)	370.4	N.A.	1.0
BL - Back-Low (0-30)	1644.5	N.A.	4.5
BM - Back-Medium (30-60)	2352.4	N.A.	6.5
BH - Back-High (60-80)	383.7	N.A.	1.1
BVH - Back-Very High (80-90)	47.2	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	36212.4	N.A.	100.0
BUG Rating	B3-U0-G5		

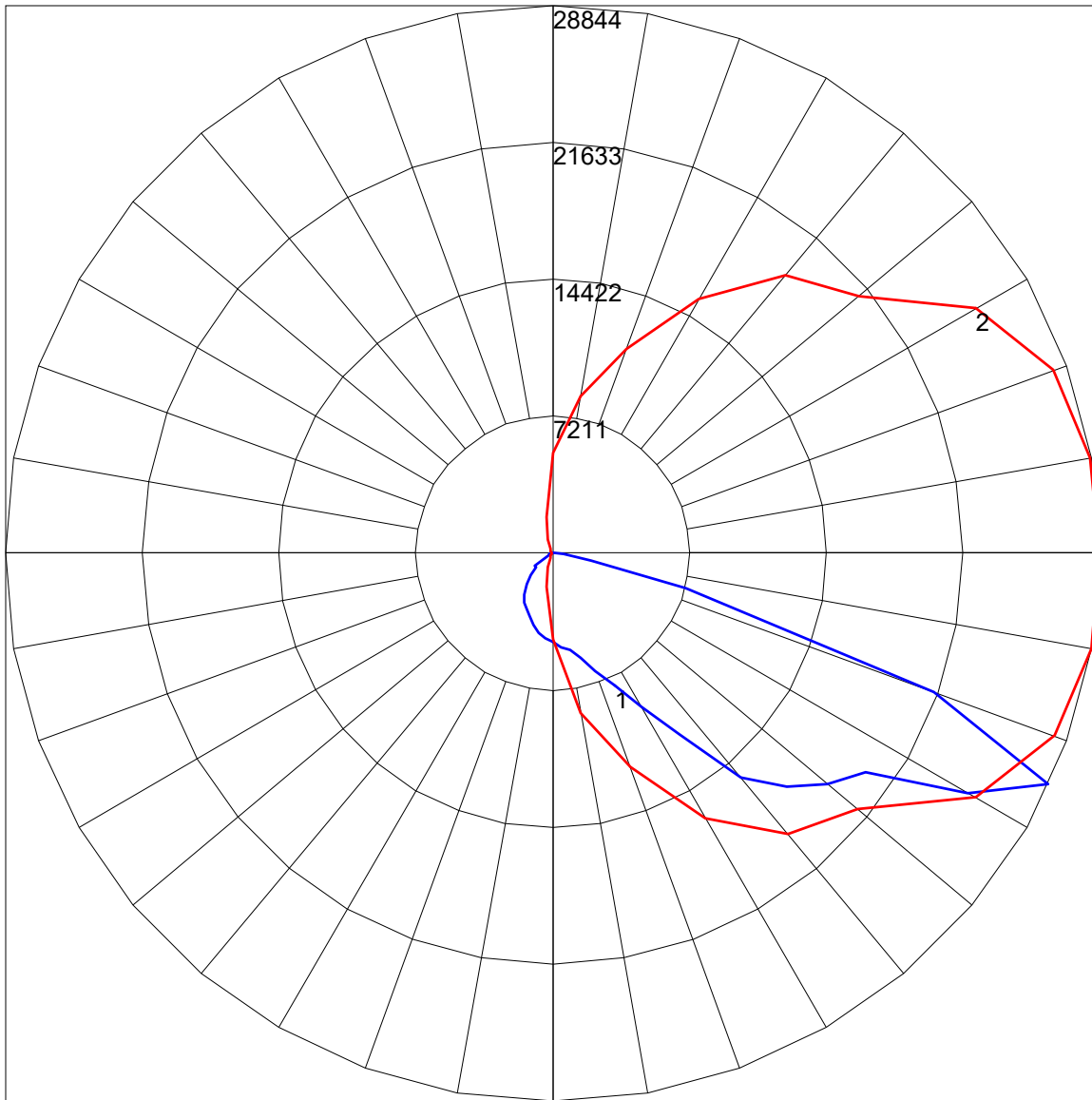
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

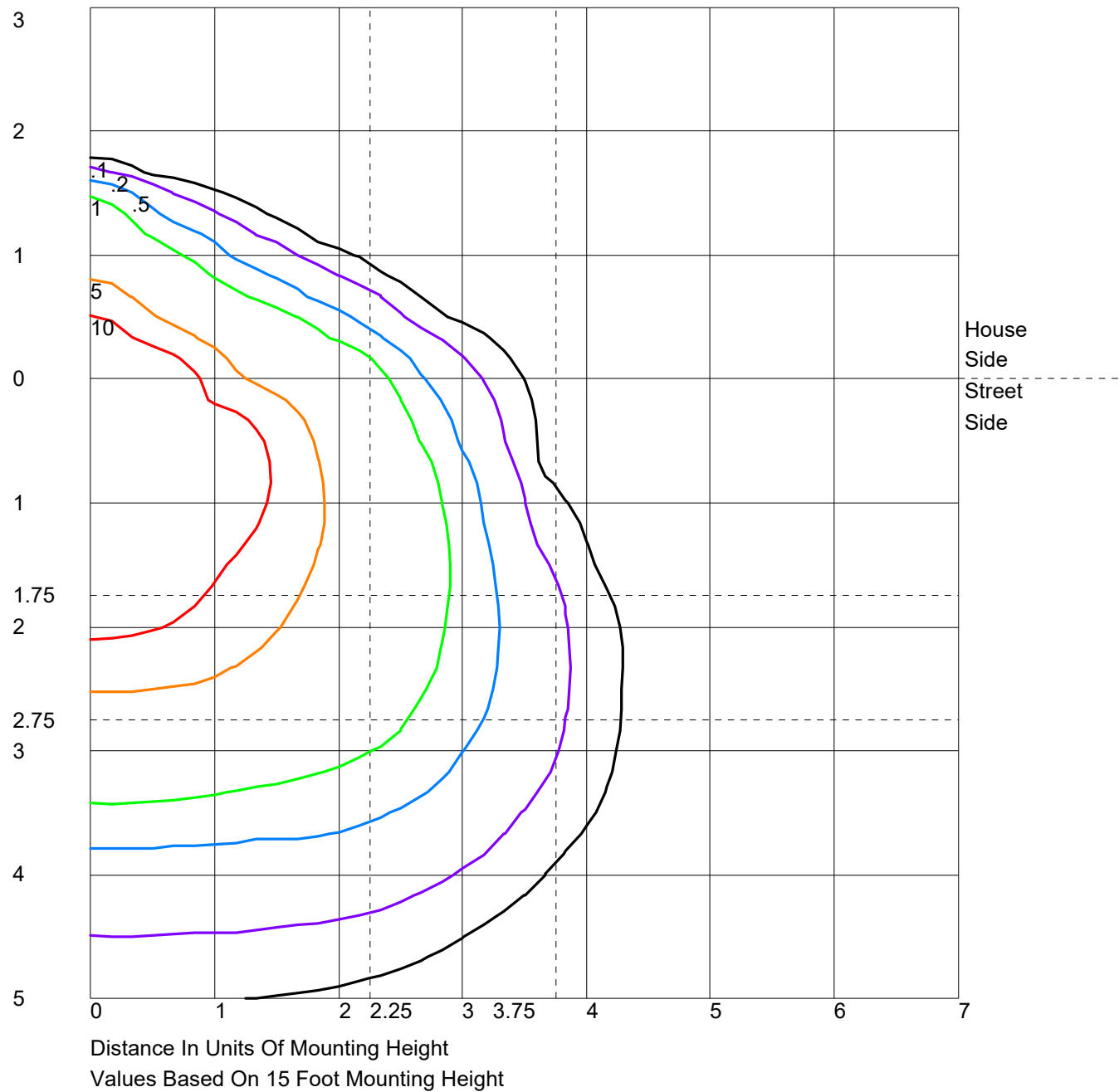
	Lumens	Percent Of Luminaire
Downward Street Side	31784.6	87.8
Downward House Side	4427.7	12.2
Downward Total	36212.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	36212.3	100.0

POLAR GRAPH

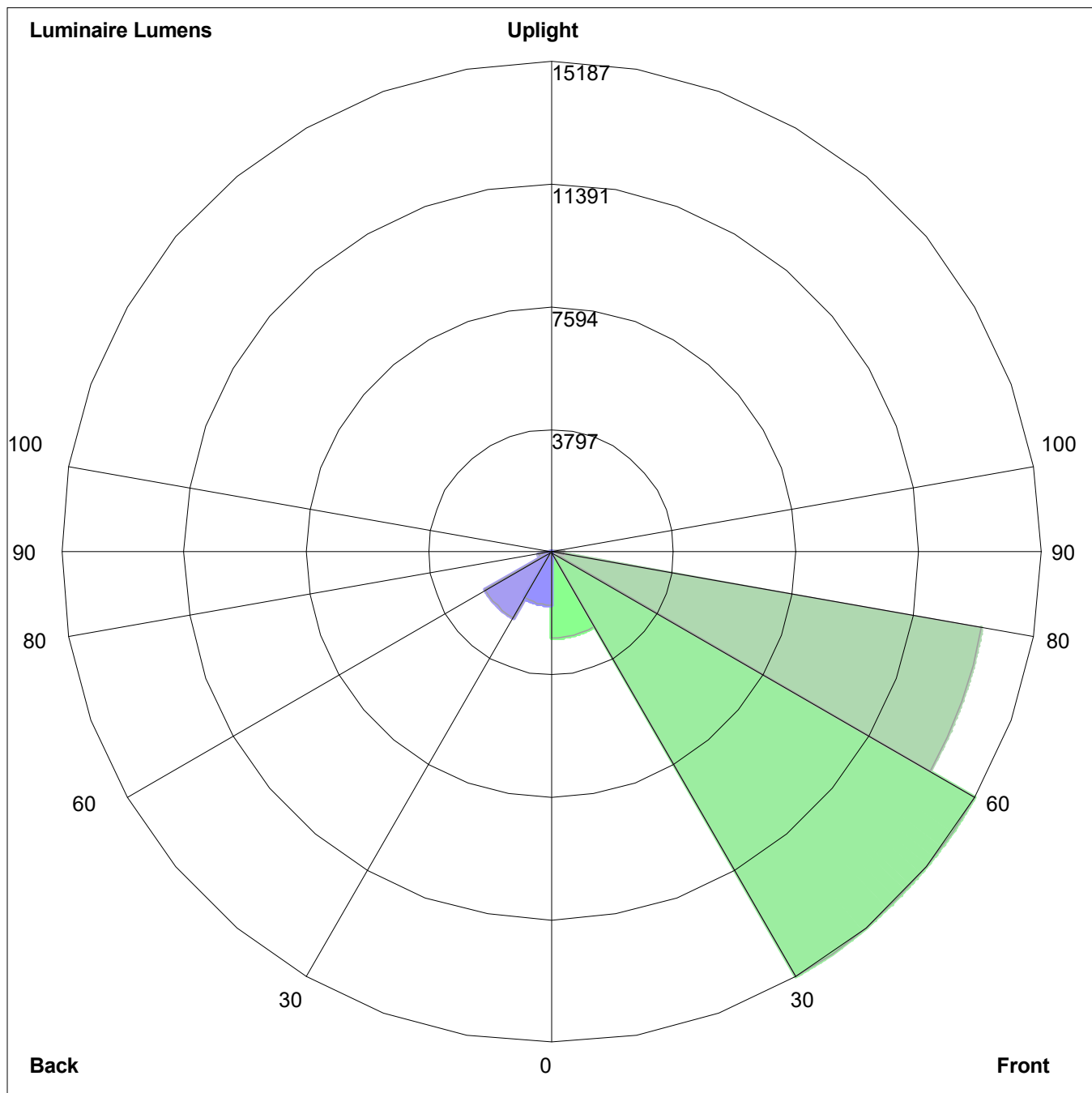


Maximum Candela = 28844.08 Located At Horizontal Angle = 350, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (350 - 170) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2667.3, Medium=15187.4, High=13559.5, Very High=370.4
Back: Low=1644.5, Medium=2352.4, High=383.7, Very High=47.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G5