

IES ROAD REPORT

PHOTOMETRIC FILENAME : AED LW 4 UV 740.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 20201103LW
[TESTLAB] Ningbo TengLi Testing Co., Ltd
[TESTDATE] 2020-11-3
[ISSUEDATE] 2020-11-3
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] AED LW 4 UV 740

CHARACTERISTICS

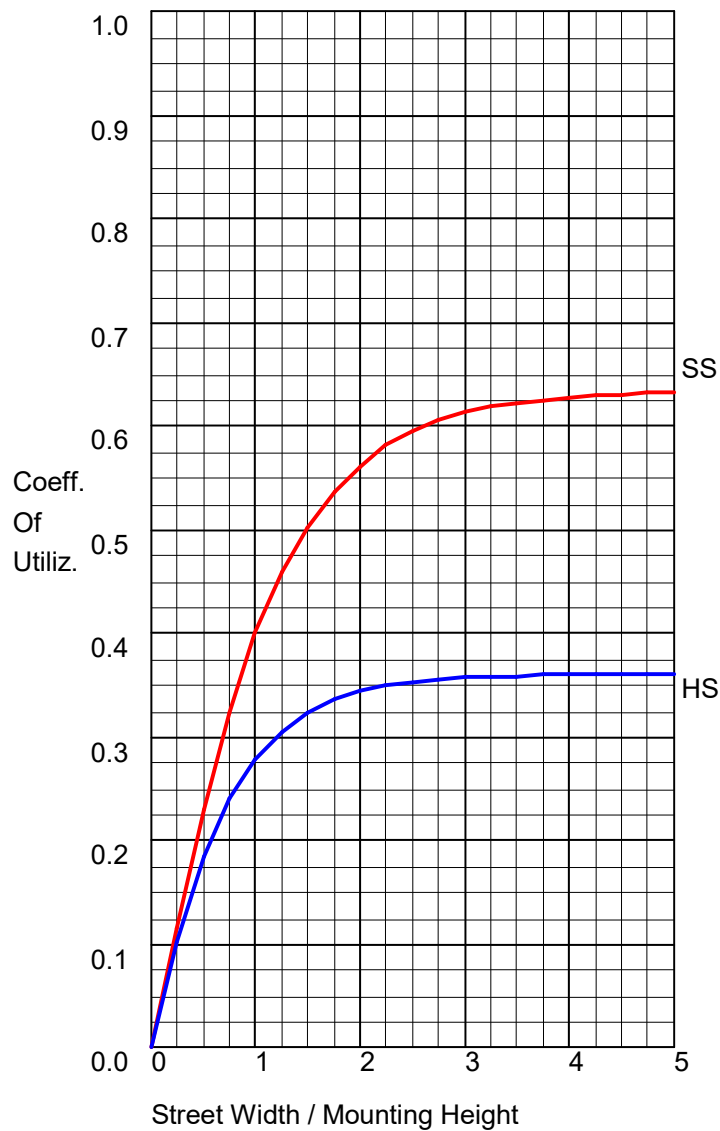
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13499
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4193.226
Maximum Candela Angle	315H 57V
Maximum Candela (<90 Degrees Vertical)	4193.226
Maximum Candela Angle (<90 Degrees Vertical)	315H 57V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1108.781 (8.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1470.0	N.A.	10.9
FM - Front-Medium (30-60)	4423.9	N.A.	32.8
FH - Front-High (60-80)	2588.2	N.A.	19.2
FVH - Front-Very High (80-90)	115.1	N.A.	0.9
BL - Back-Low (0-30)	1096.5	N.A.	8.1
BM - Back-Medium (30-60)	2496.3	N.A.	18.5
BH - Back-High (60-80)	1245.8	N.A.	9.2
BVH - Back-Very High (80-90)	63.7	N.A.	0.5
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	13499.5	N.A.	100.0
BUG Rating	B3-U0-G3		

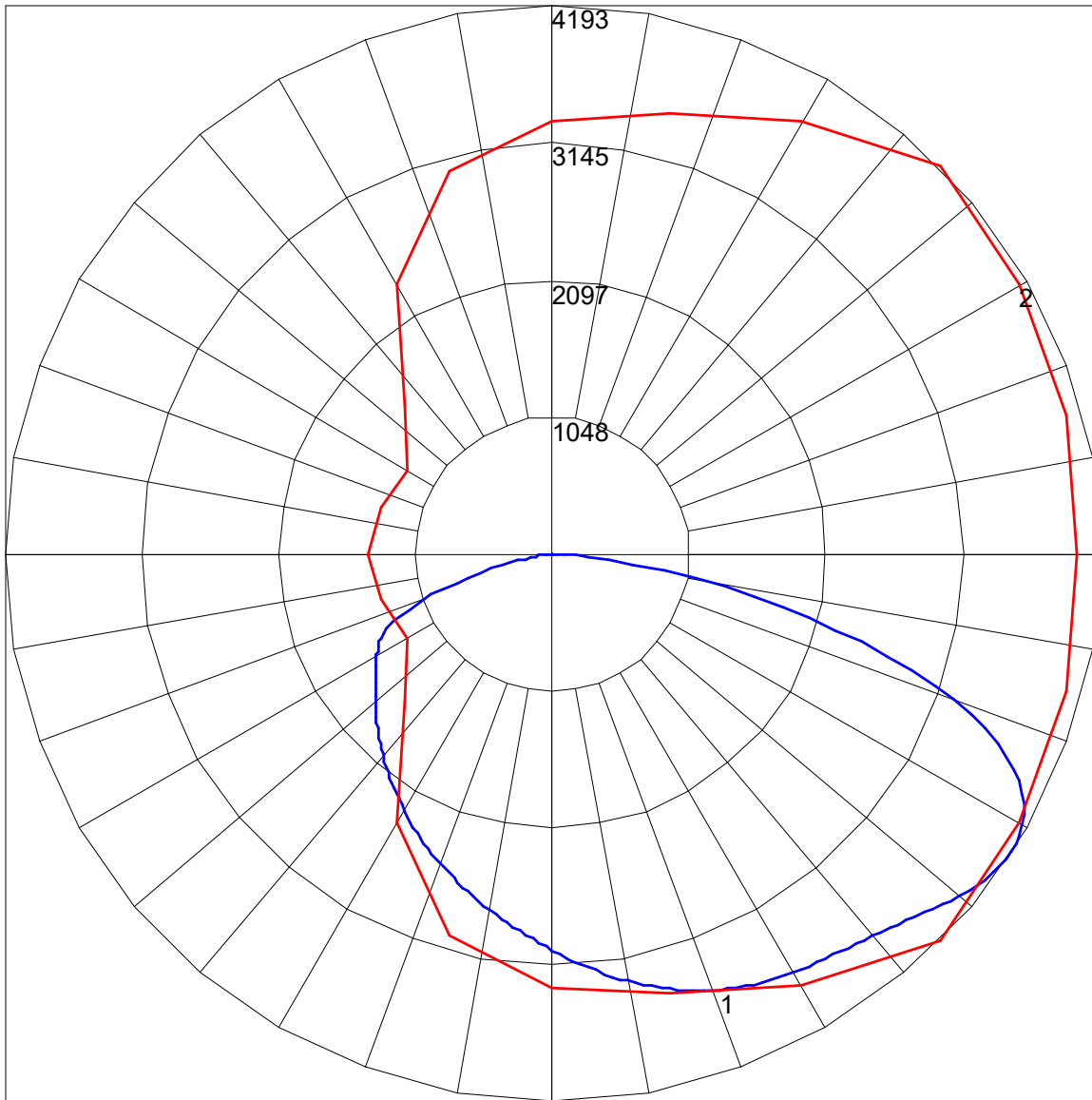
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

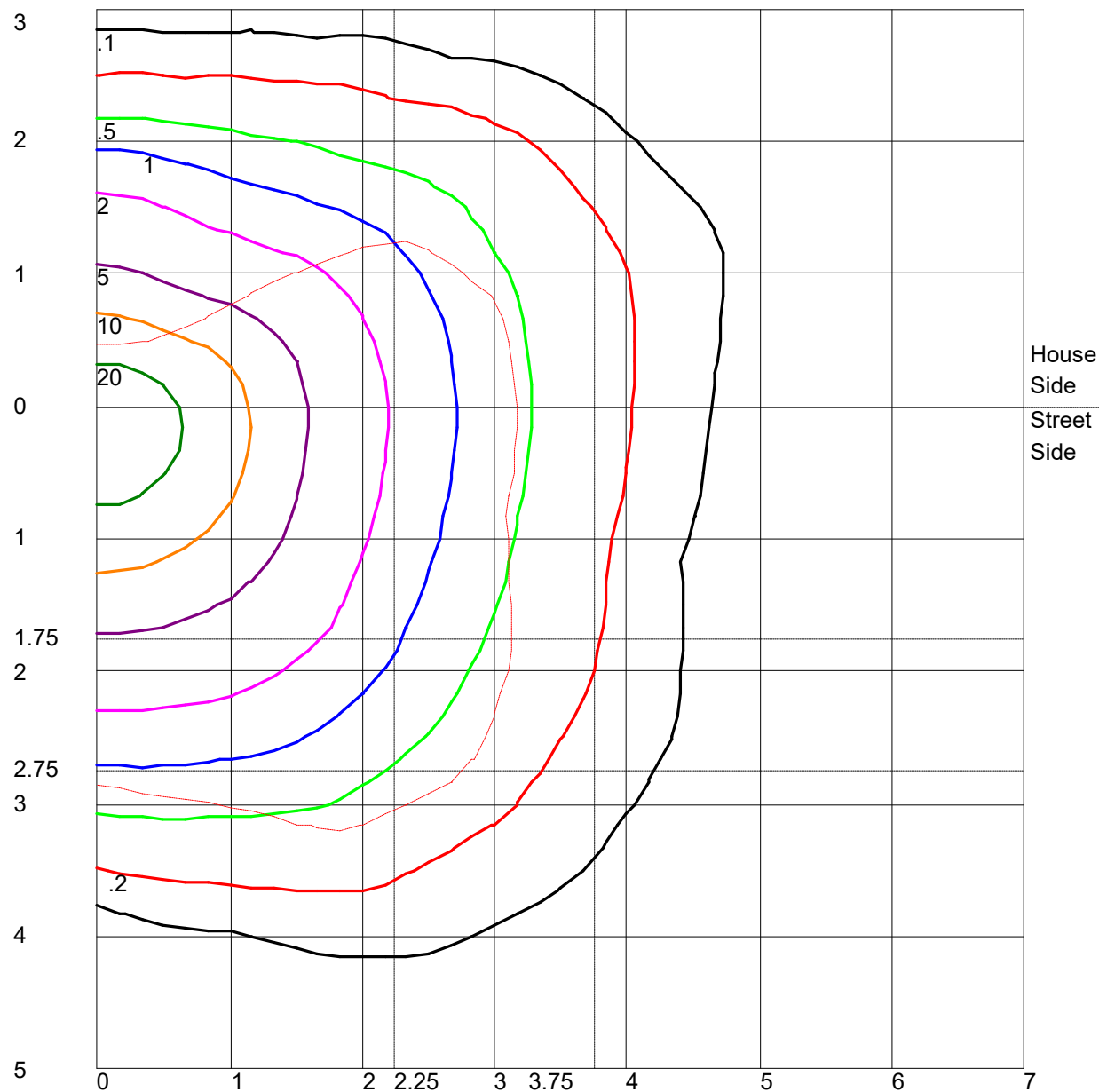
	Lumens	Percent Of Luminaire
Downward Street Side	8597.2	63.7
Downward House Side	4902.3	36.3
Downward Total	13499.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	13499.5	100.0

POLAR GRAPH

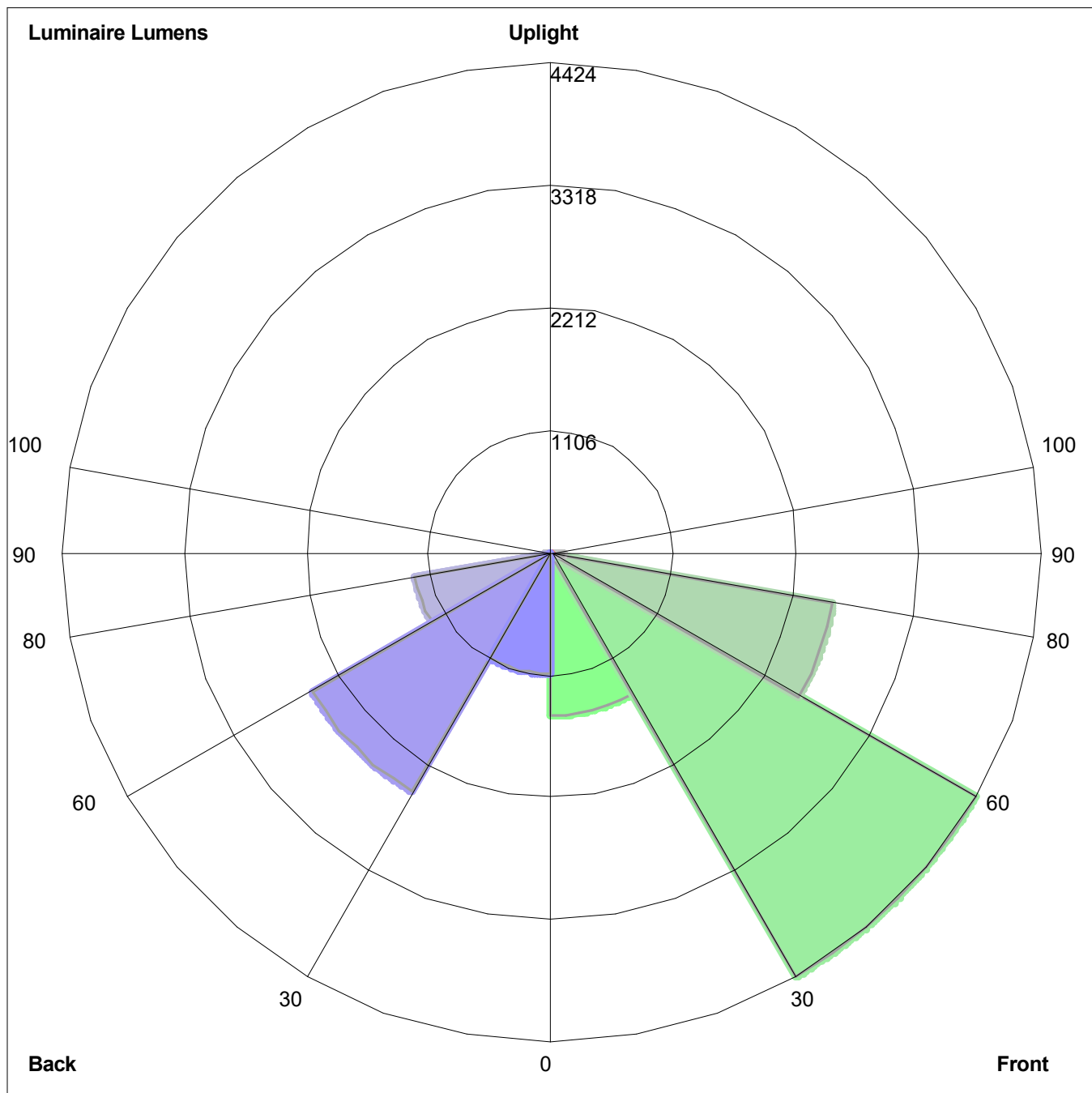


Maximum Candela = 4193.226 Located At Horizontal Angle = 315, Vertical Angle = 57
1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (57) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1470.0, Medium=4423.9, High=2588.2, Very High=115.1
Back: Low=1096.5, Medium=2496.3, High=1245.8, Very High=63.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3