

LUMENFOCUS

IES ROAD REPORT

PHOTOMETRIC FILENAME : AED MD 4 UV 740.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 20201103MD
[TESTLAB] Ningbo TengLi Testing Co., Ltd
[TESTDATE] 2020-11-3
[ISSUE DATE] 2020-11-3
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] AED MD 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	20249
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	150
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6637.042
Maximum Candela Angle	315H 61V
Maximum Candela (<90 Degrees Vertical)	6637.042
Maximum Candela Angle (<90 Degrees Vertical)	315H 61V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1910.459 (9.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

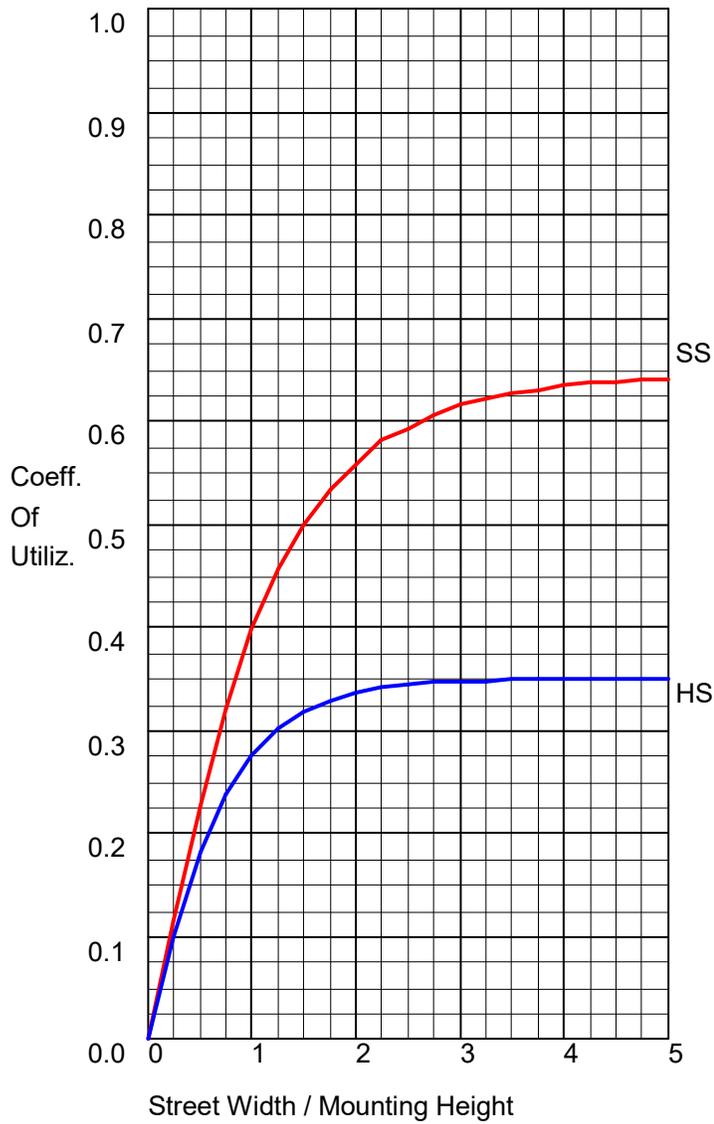


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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2092.7	N.A.	10.3
FM - Front-Medium (30-60)	6522.2	N.A.	32.2
FH - Front-High (60-80)	4273.9	N.A.	21.1
FVH - Front-Very High (80-90)	217.2	N.A.	1.1
BL - Back-Low (0-30)	1555.7	N.A.	7.7
BM - Back-Medium (30-60)	3730.0	N.A.	18.4
BH - Back-High (60-80)	1762.6	N.A.	8.7
BVH - Back-Very High (80-90)	94.7	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	20249.0	N.A.	100.0
BUG Rating	B3-U0-G3		

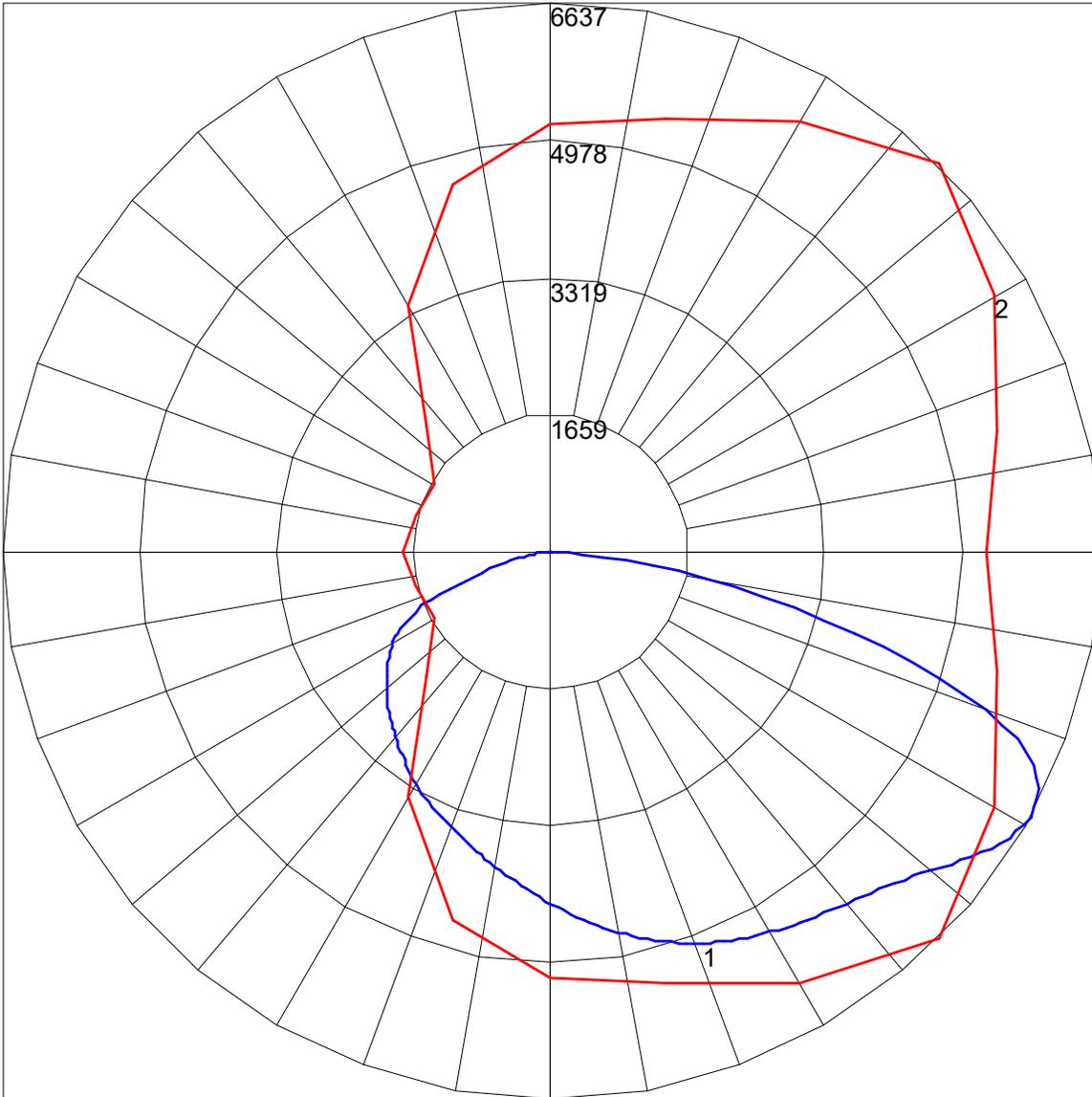
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

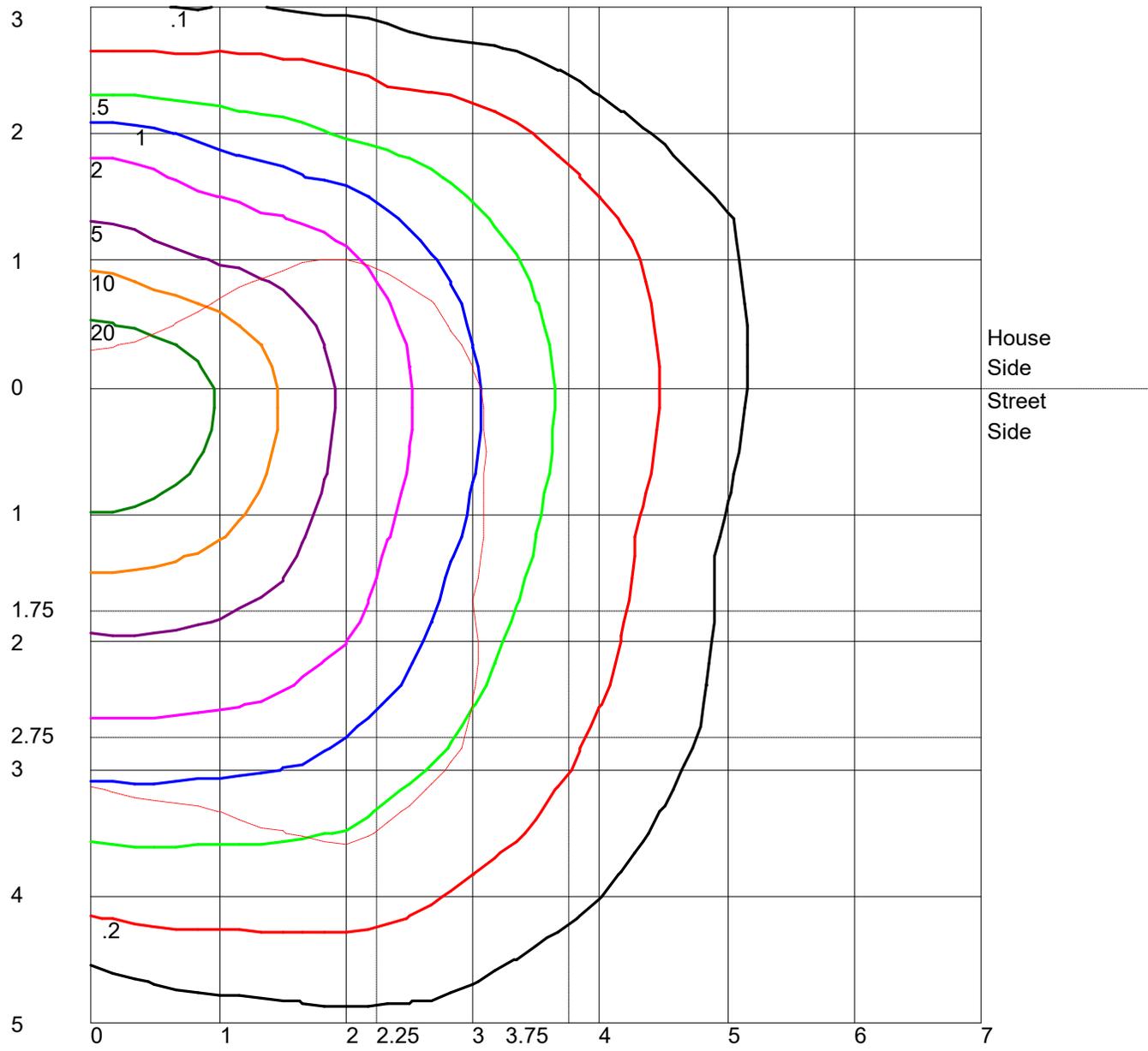
	Lumens	Percent Of Luminaire
Downward Street Side	13106.0	64.7
Downward House Side	7142.9	35.3
Downward Total	20248.9	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	20248.9	100.0

POLAR GRAPH



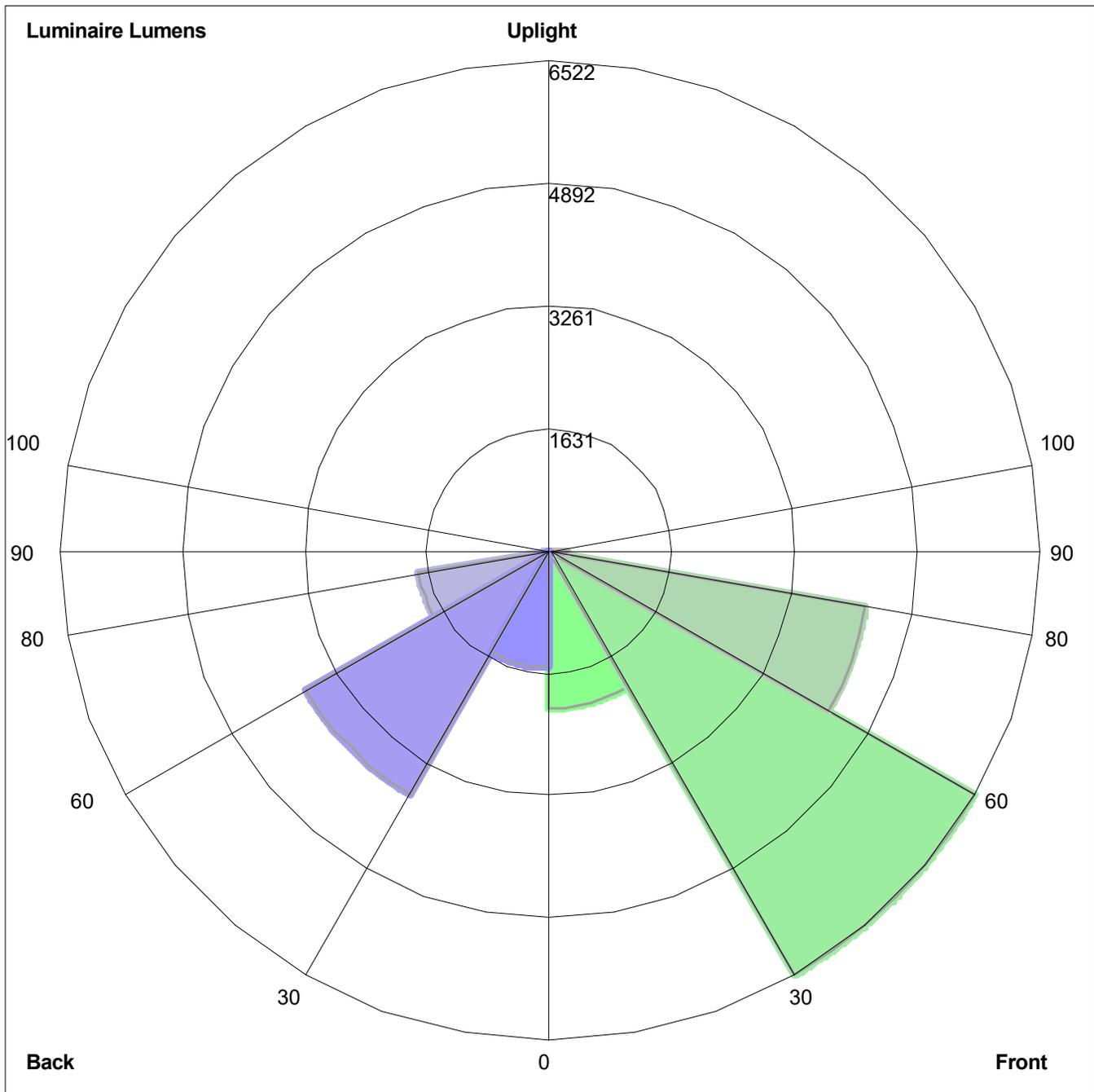
Maximum Candela = 6637.042 Located At Horizontal Angle = 315, Vertical Angle = 61
1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (61) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2092.7, Medium=6522.2, High=4273.9, Very High=217.2
Back: Low=1555.7, Medium= 3730.0, High=1762.6, Very High=94.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3