



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK M MD 5 UV 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2010022G-C
[ISSUE DATE] 2020-11-7 14:30
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK M MD 5 UV 850
[LUMINAIRE] LED Medium Area Light
[VOLTAGE] 120.0 V
[CURRENT] 1.161 A
[POWERFACTOR] 0.997
[THD] 4.31
[TESTLAB] Belling Test Laboratory Co., LTD
[TESTINST] GPM-3000
[TESTDIST] 14.040 m [K=1.0000]
[TESTTEMPERATURE] 25.5 °C
[TESTHUMIDITY]
[TESTOPERATOR]

CHARACTERISTICS

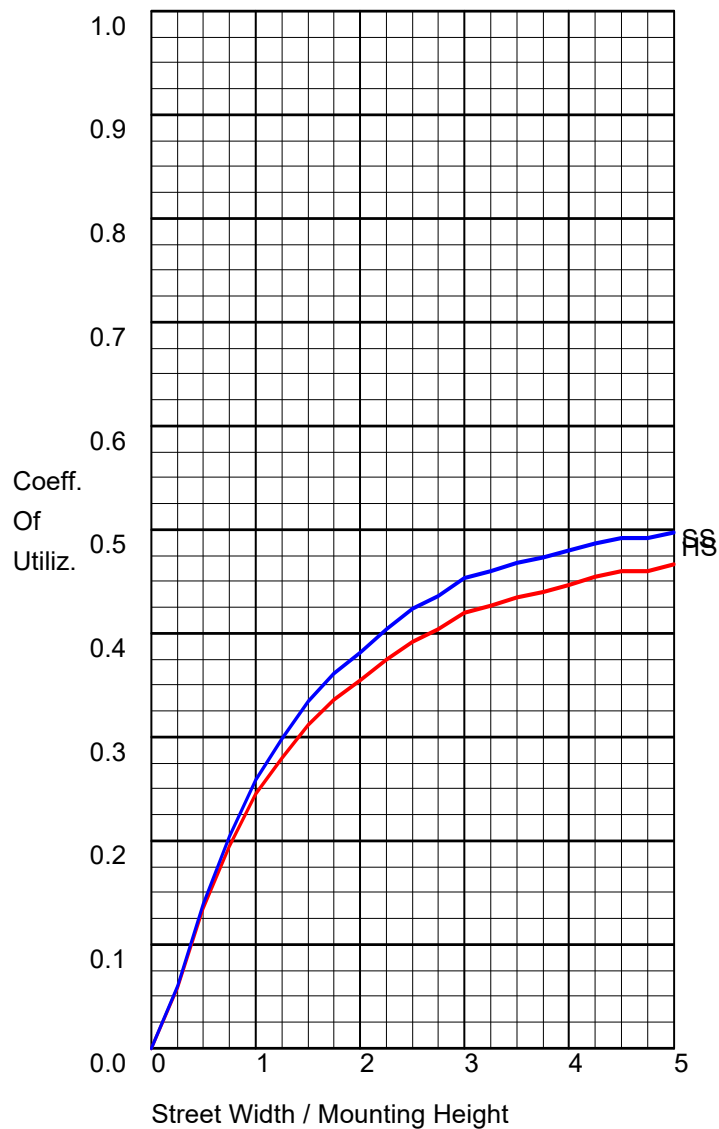
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	19731.15 (1 lamp)
Total Lamp Lumens	19731.15
Luminaire Lumens	19731
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	139.29
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6057.986
Maximum Candela Angle	225H 77V
Maximum Candela (<90 Degrees Vertical)	6057.986
Maximum Candela Angle (<90 Degrees Vertical)	225H 77V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5561.629 (28.2% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1011.7	5.1	5.1
FM - Front-Medium (30-60)	3588.6	18.2	18.2
FH - Front-High (60-80)	4270.9	21.6	21.6
FVH - Front-Very High (80-90)	751.8	3.8	3.8
BL - Back-Low (0-30)	1056.0	5.4	5.4
BM - Back-Medium (30-60)	3908.2	19.8	19.8
BH - Back-High (60-80)	4531.0	23.0	23.0
BVH - Back-Very High (80-90)	612.8	3.1	3.1
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	19731.0	100.0	100.0
BUG Rating	B4-U0-G5		

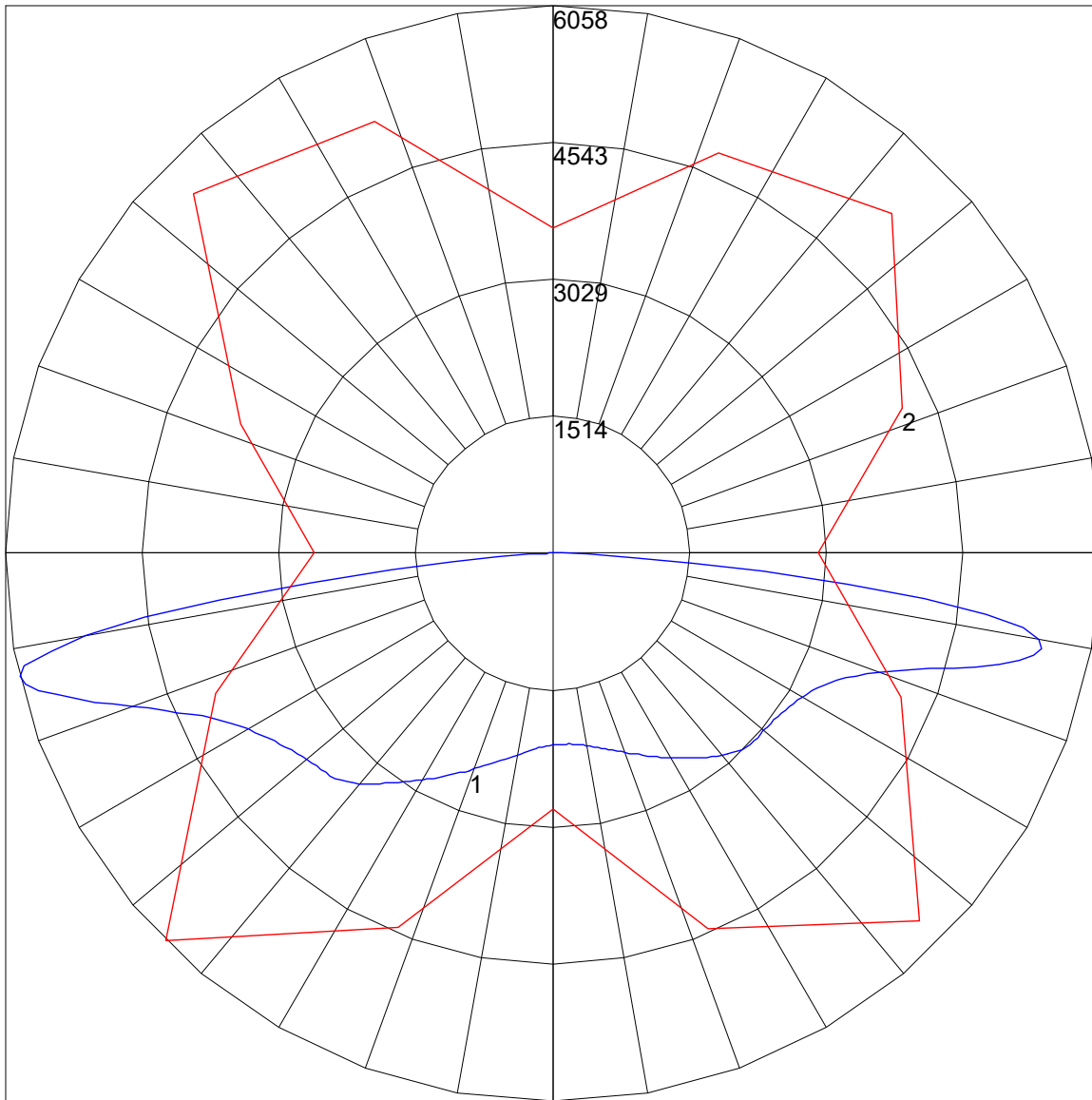
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

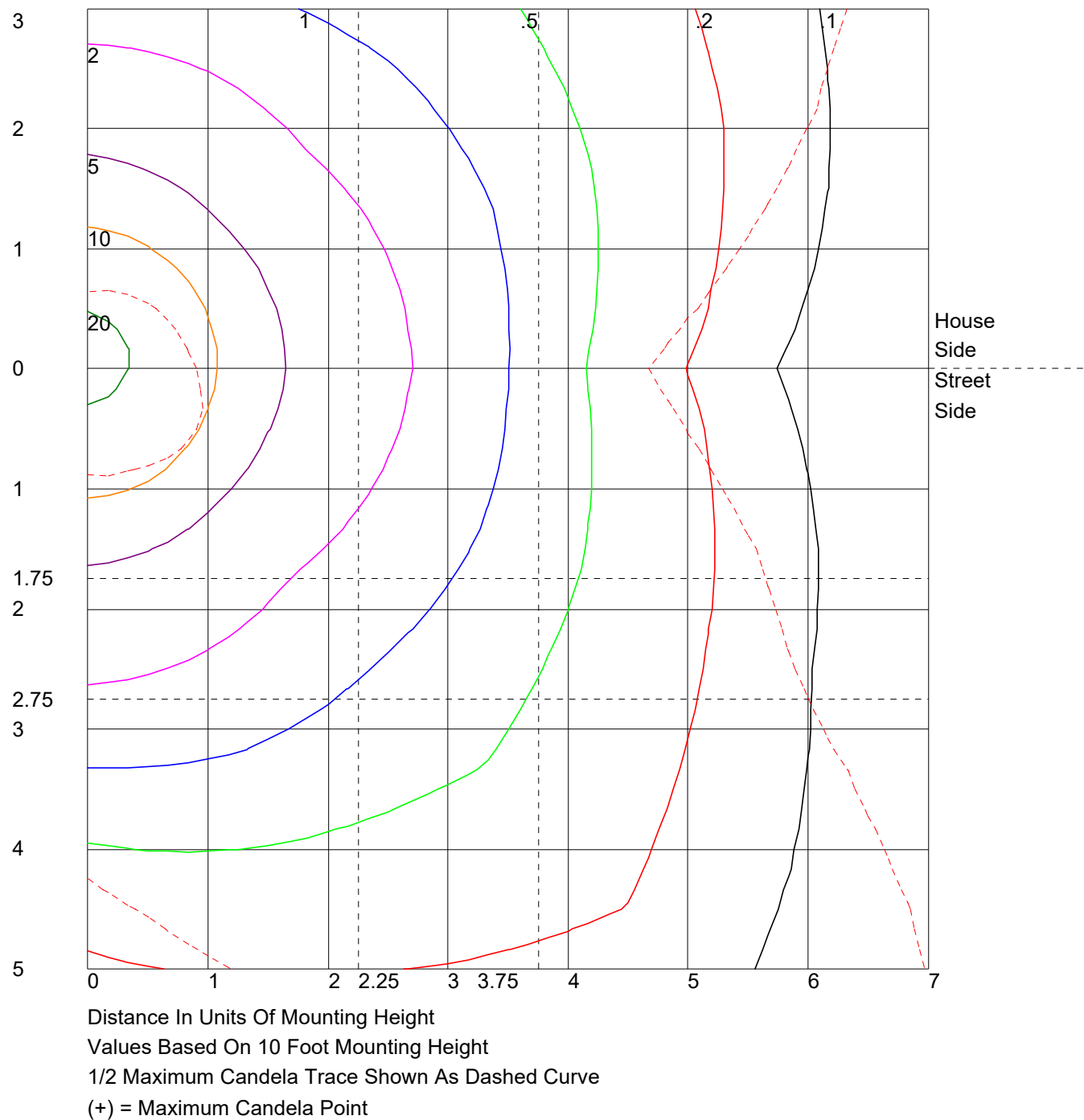
	Lumens	Percent Of Lamp
Downward Street Side	9623.0	48.8
Downward House Side	10108.2	51.2
Downward Total	19731.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	19731.2	100.0

POLAR GRAPH

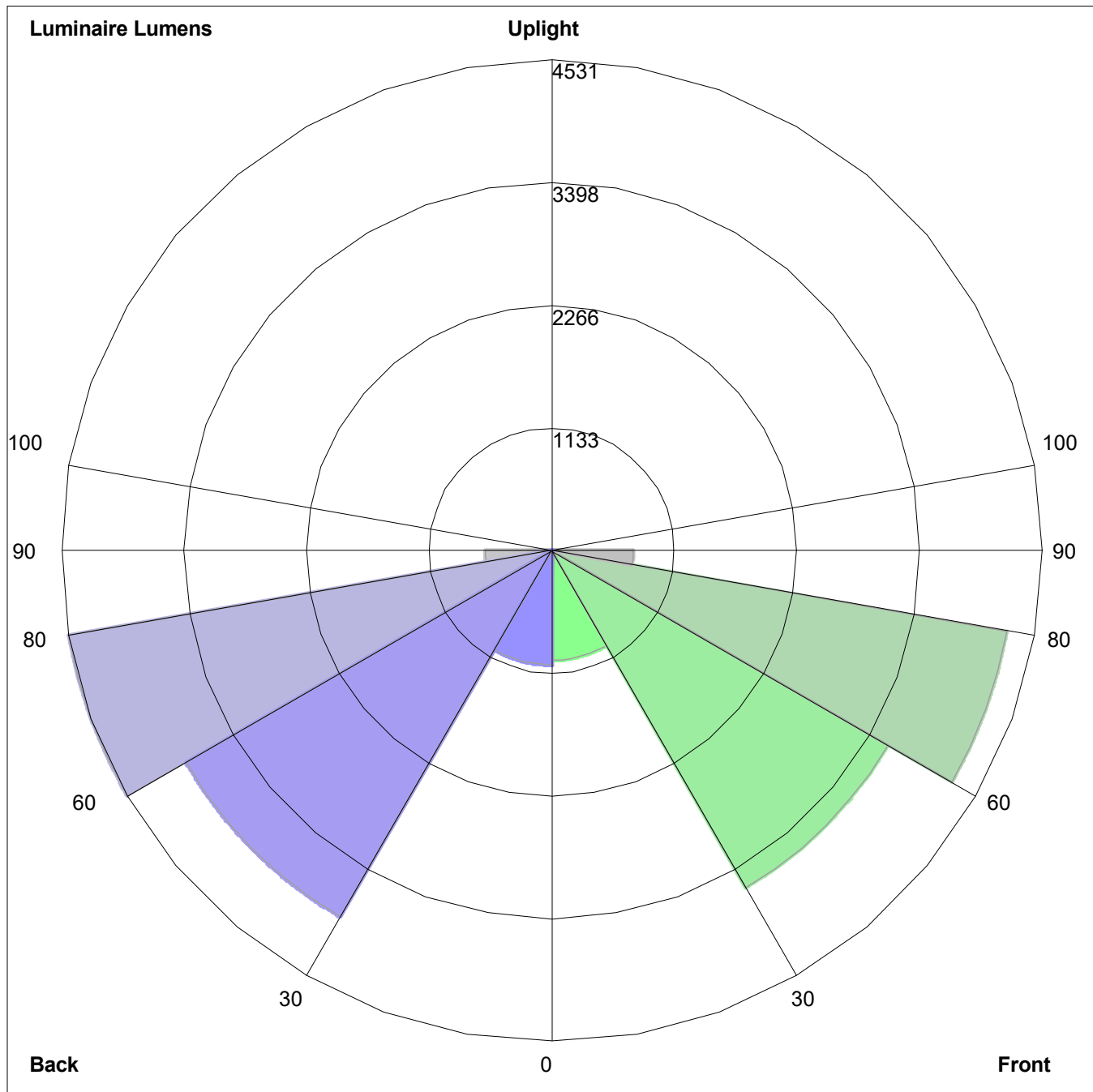


Maximum Candela = 6057.986 Located At Horizontal Angle = 225, Vertical Angle = 77
1 - Vertical Plane Through Horizontal Angles (225 - 45) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (77) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1011.7, Medium=3588.6, High=4270.9, Very High=751.8
Back: Low= 1056.0, Medium=3908.2, High= 4531.0, Very High=612.8
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G5