



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK S MD 5 UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2010022G-A
[ISSUE DATE] 2020-11-6 13:48
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK S MD 5 UV 840
[LUMINAIRE] LED Small Area Light
[VOLTAGE] 120.0 V
[CURRENT] 0.561 A
[POWERFACTOR] 0.998
[THD] 3.79
[TESTLAB] Belling Test Laboratory Co., LTD
[TESTINST] GPM-3000
[TESTDIST] 14.040 m [K=1.0000]
[TESTTEMPERATURE] 25.6 °C
[TESTHUMIDITY]
[TESTOPERATOR]

CHARACTERISTICS

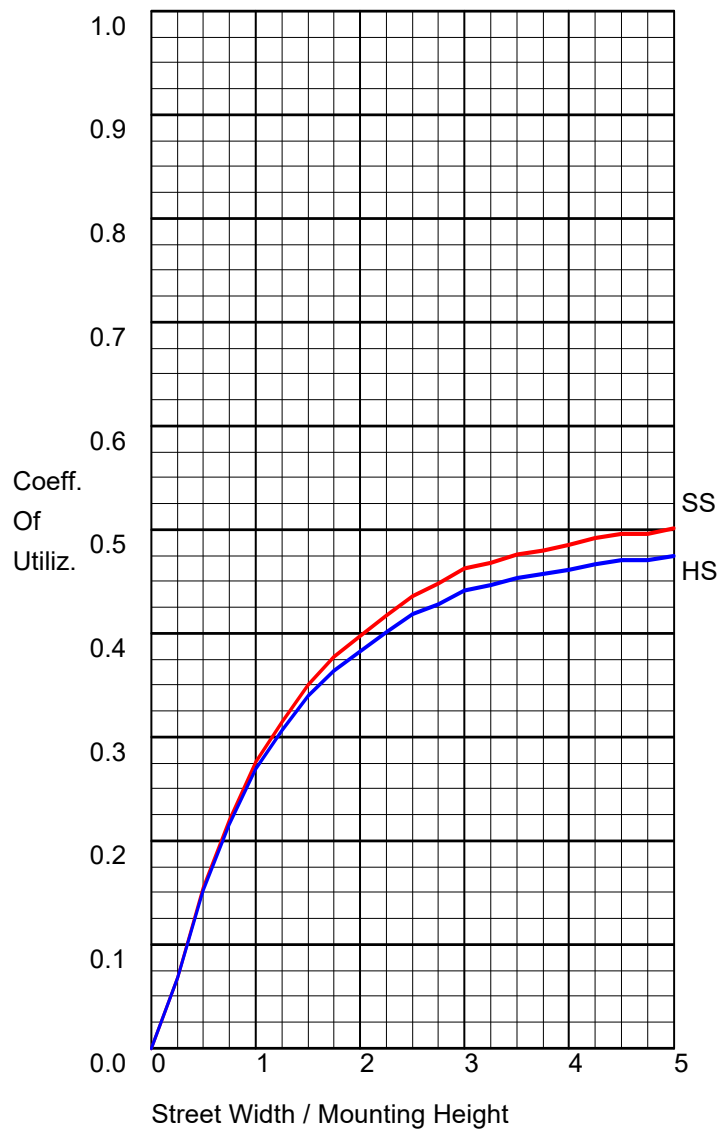
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	9318.1 (1 lamp)
Total Lamp Lumens	9318.1
Luminaire Lumens	9318
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	67.21
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2518.27
Maximum Candela Angle	45H 76V
Maximum Candela (<90 Degrees Vertical)	2518.27
Maximum Candela Angle (<90 Degrees Vertical)	45H 76V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2142.89 (23.0% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	586.3	6.3	6.3
FM - Front-Medium (30-60)	1968.6	21.1	21.1
FH - Front-High (60-80)	2001.5	21.5	21.5
FVH - Front-Very High (80-90)	244.4	2.6	2.6
BL - Back-Low (0-30)	577.5	6.2	6.2
BM - Back-Medium (30-60)	1898.5	20.4	20.4
BH - Back-High (60-80)	1857.3	19.9	19.9
BVH - Back-Very High (80-90)	184.0	2.0	2.0
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	9318.1	100.0	100.0
BUG Rating	B3-U0-G3		

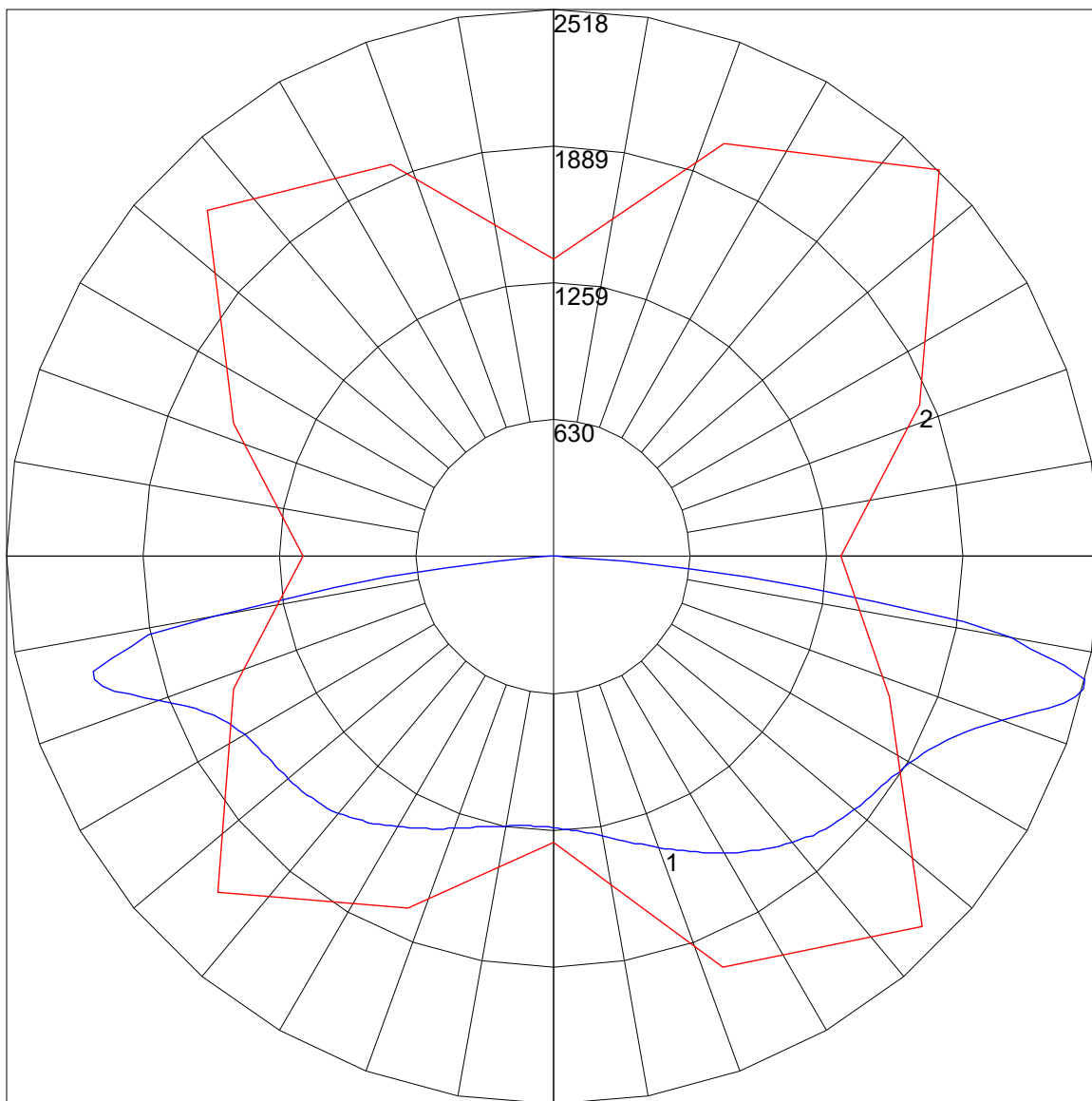
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

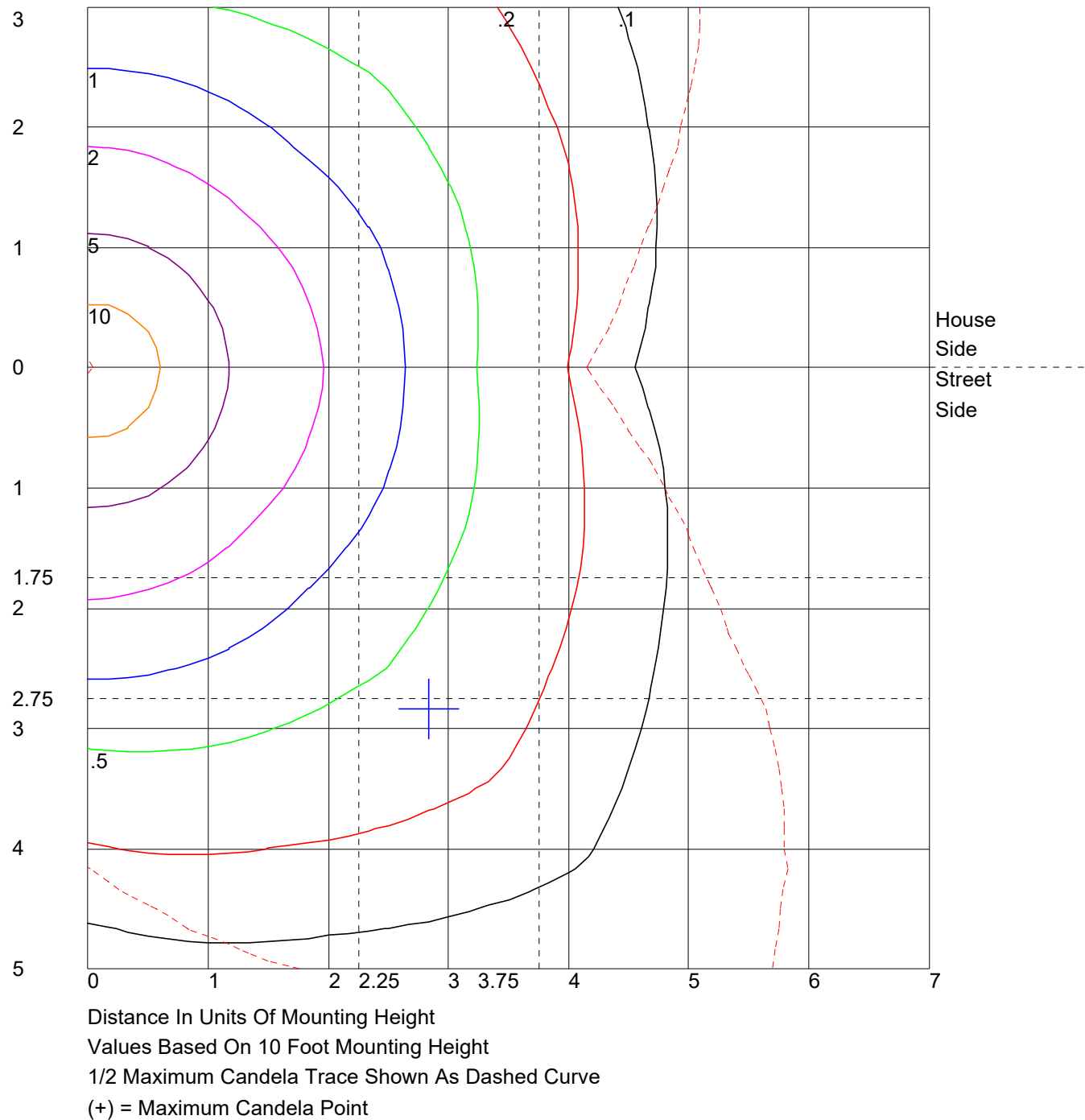
	Lumens	Percent Of Lamp
Downward Street Side	4800.7	51.5
Downward House Side	4517.4	48.5
Downward Total	9318.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	9318.1	100.0

POLAR GRAPH

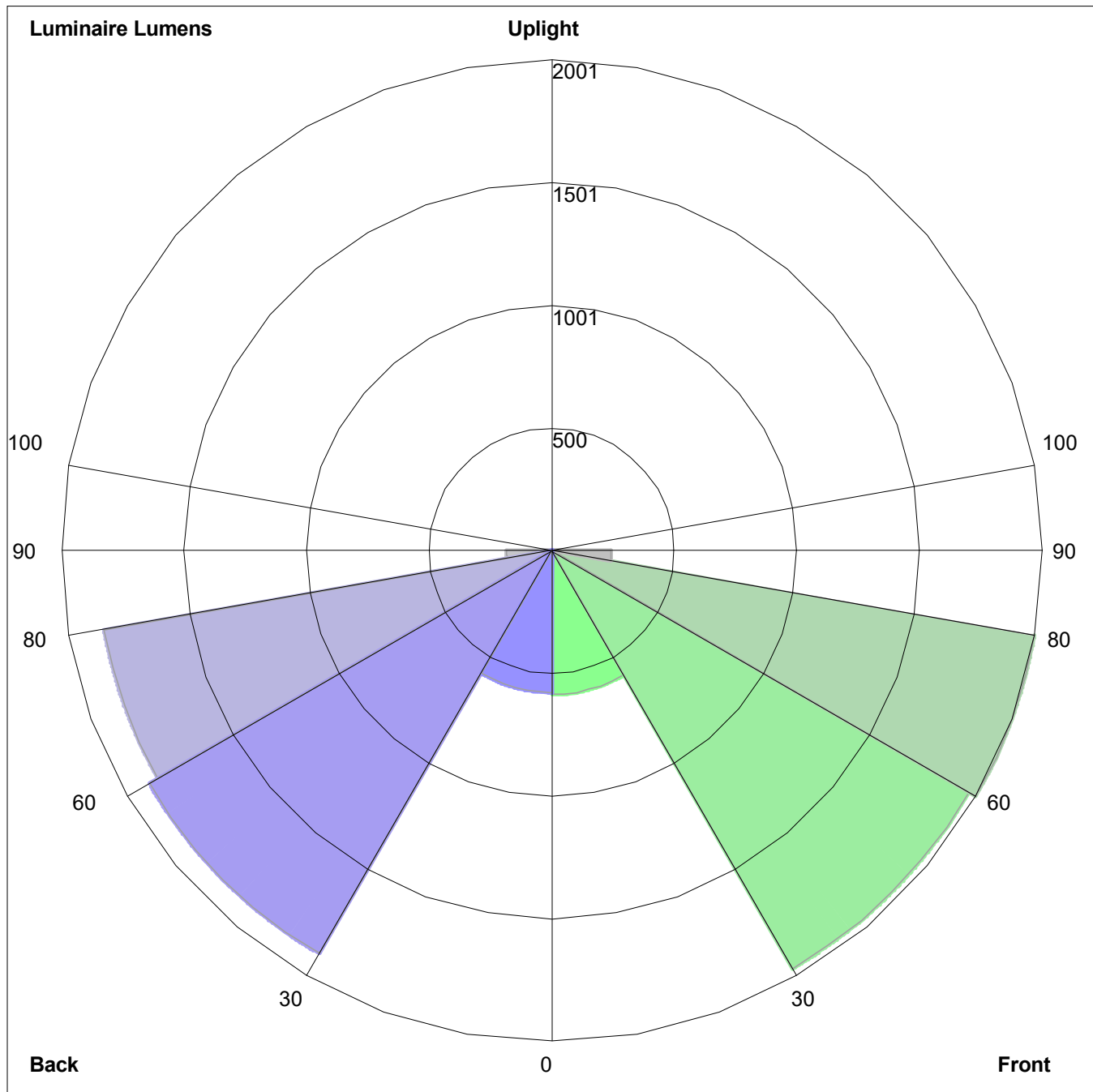


Maximum Candela = 2518.27 Located At Horizontal Angle = 45, Vertical Angle = 76
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (76) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=586.3, Medium=1968.6, High=2001.5, Very High=244.4
Back: Low=577.5, Medium=1898.5, High=1857.3, Very High=184.0
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3