



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L MD 5 UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2010022G-F
[ISSUE DATE] 2020-11-6 11:26
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK L MD 5 UV 840
[LUMINAIRE] LED Large Area Light
[VOLTAGE] 120.0 V
[CURRENT] 1.749 A
[POWERFACTOR] 0.998
[THD] 4.13
[TESTLAB] Belling Test Laboratory Co., LTD
[TESTINST] GPM-3000
[TESTDIST] 14.040 m [K=1.0000]
[TESTTEMPERATURE] 25.3 °C
[TESTHUMIDITY]
[TESTOPERATOR]

CHARACTERISTICS

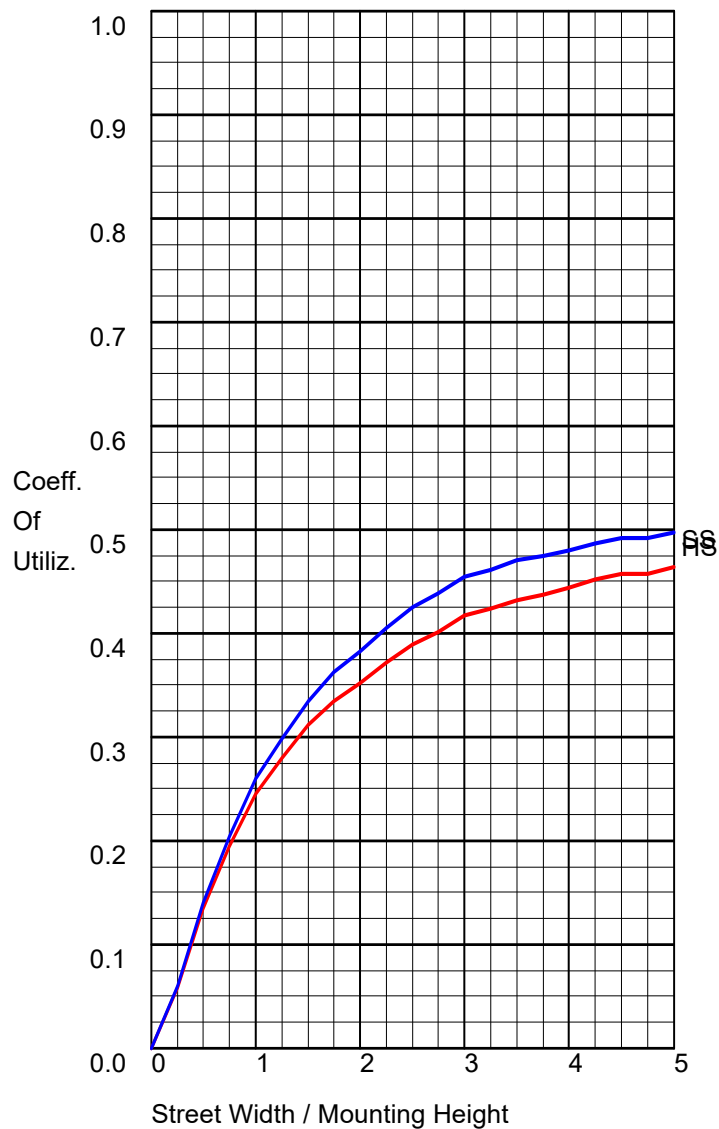
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	29586.6 (1 lamp)
Total Lamp Lumens	29586.6
Luminaire Lumens	29587
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	209.65
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	9024.14
Maximum Candela Angle	135H 77V
Maximum Candela (<90 Degrees Vertical)	9024.14
Maximum Candela Angle (<90 Degrees Vertical)	135H 77V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8372.46 (28.3% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1518.0	5.1	5.1
FM - Front-Medium (30-60)	5367.9	18.1	18.1
FH - Front-High (60-80)	6347.1	21.5	21.5
FVH - Front-Very High (80-90)	1239.4	4.2	4.2
BL - Back-Low (0-30)	1596.9	5.4	5.4
BM - Back-Medium (30-60)	5871.7	19.8	19.8
BH - Back-High (60-80)	6799.0	23.0	23.0
BVH - Back-Very High (80-90)	846.7	2.9	2.9
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	29586.7	100.0	100.0
BUG Rating	B5-U0-G5		

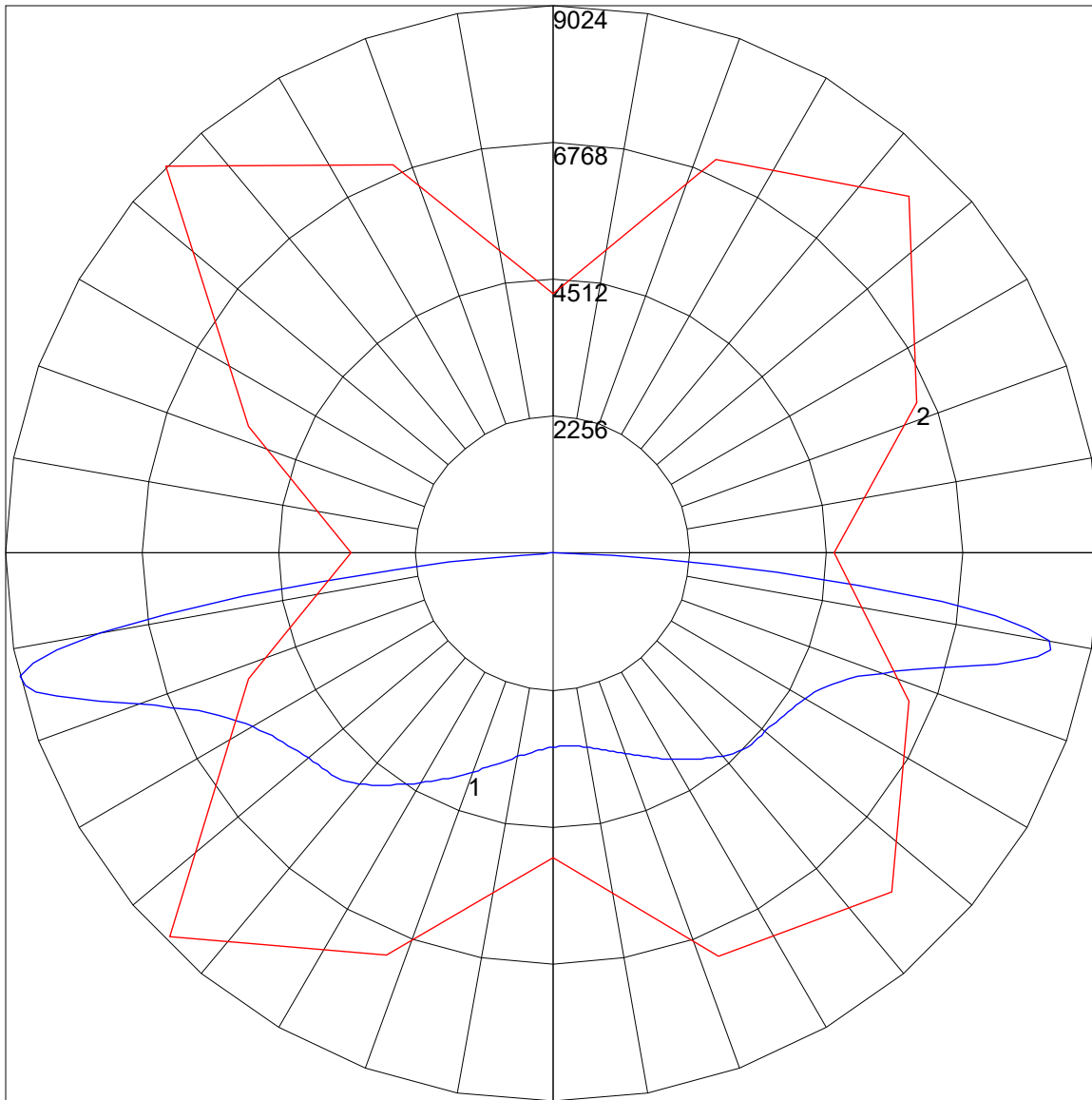
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

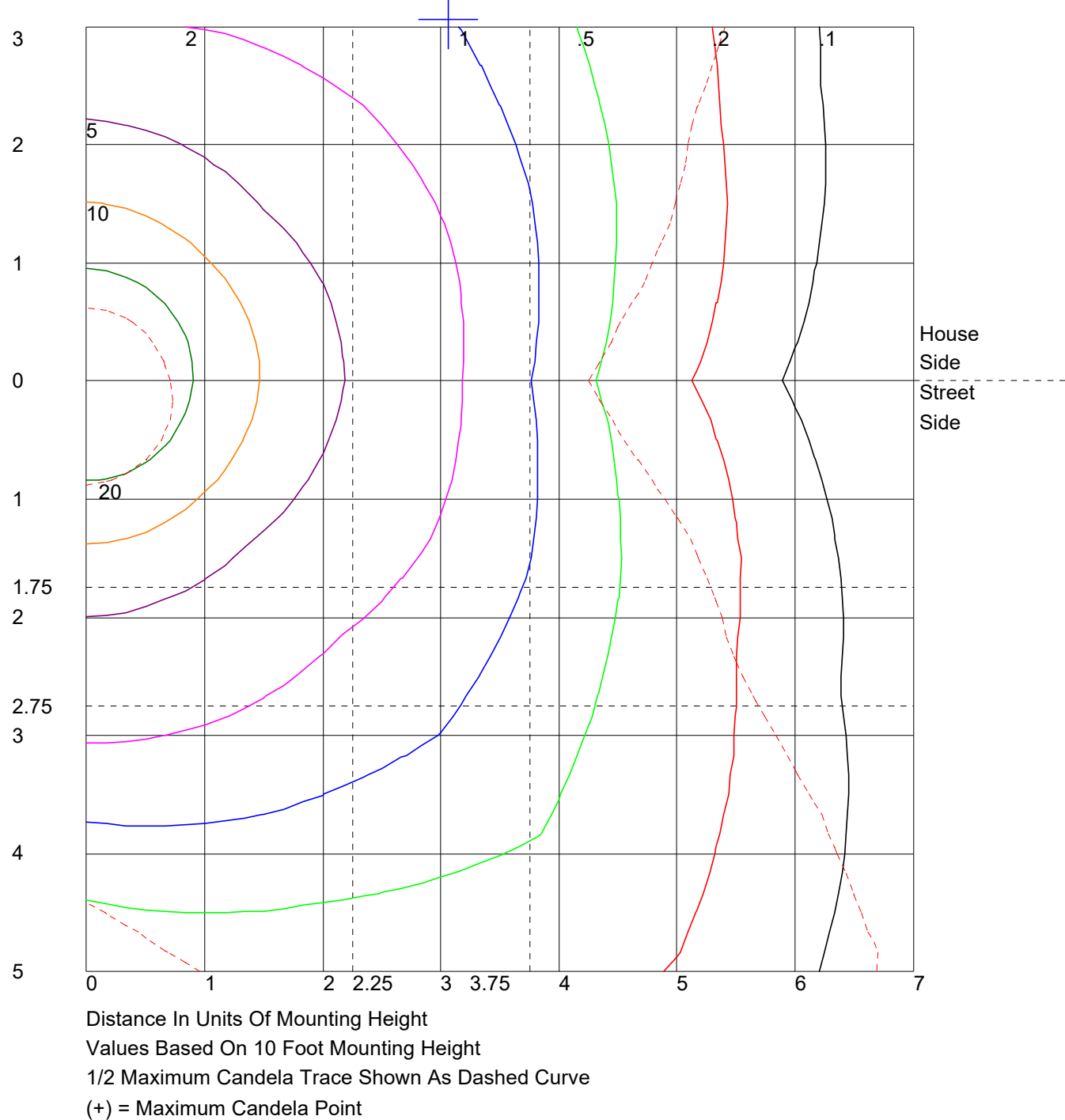
	Lumens	Percent Of Lamp
Downward Street Side	14472.3	48.9
Downward House Side	15114.2	51.1
Downward Total	29586.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	29586.5	100.0

POLAR GRAPH

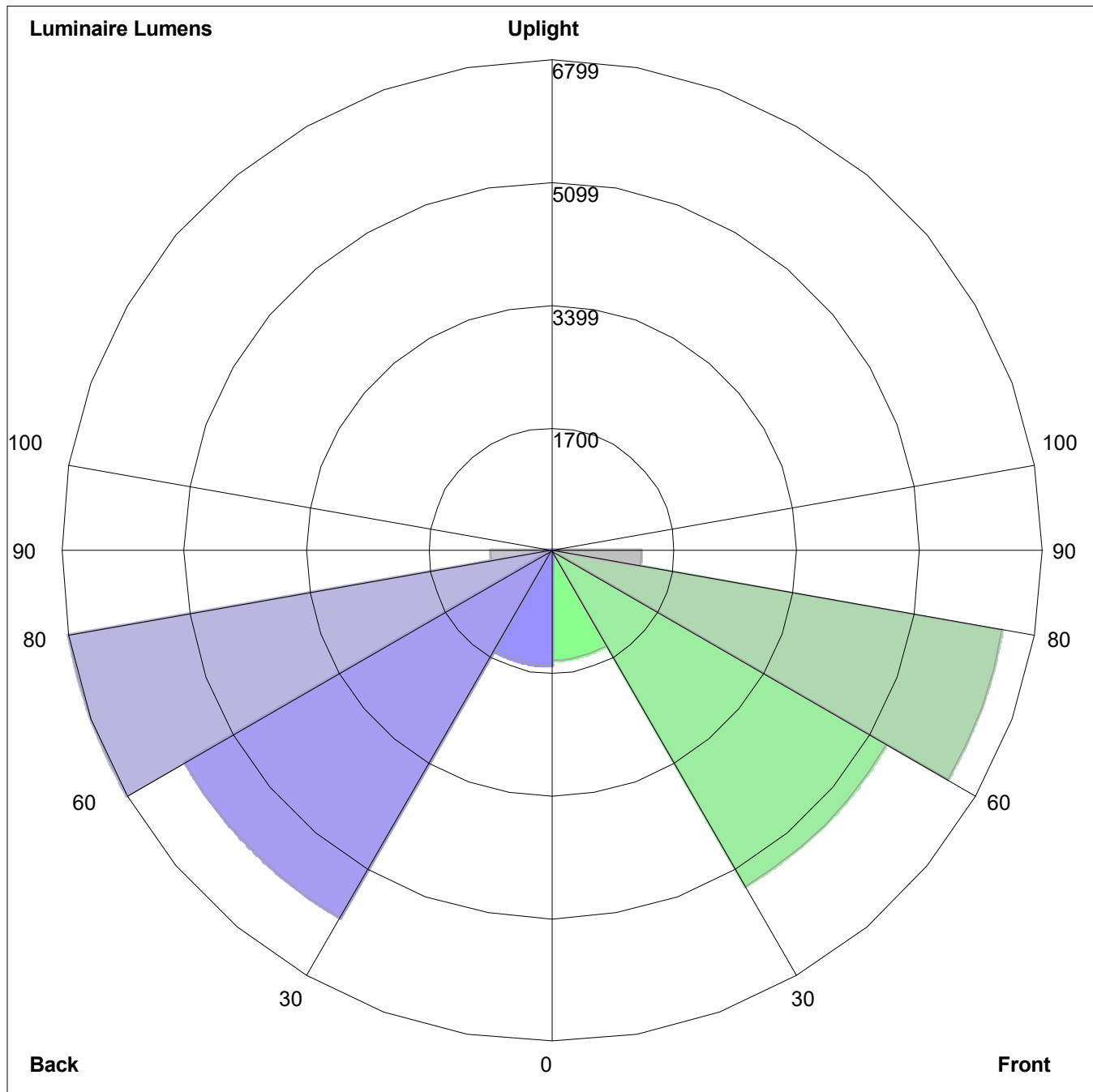


Maximum Candela = 9024.14 Located At Horizontal Angle = 135, Vertical Angle = 77
1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (77) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1518.0, Medium=5367.9, High=6347.1, Very High=1239.4
Back: Low=1596.9, Medium=5871.7, High= 6799.0, Very High=846.7
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5