



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L MD 5 UV 850.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 850
[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

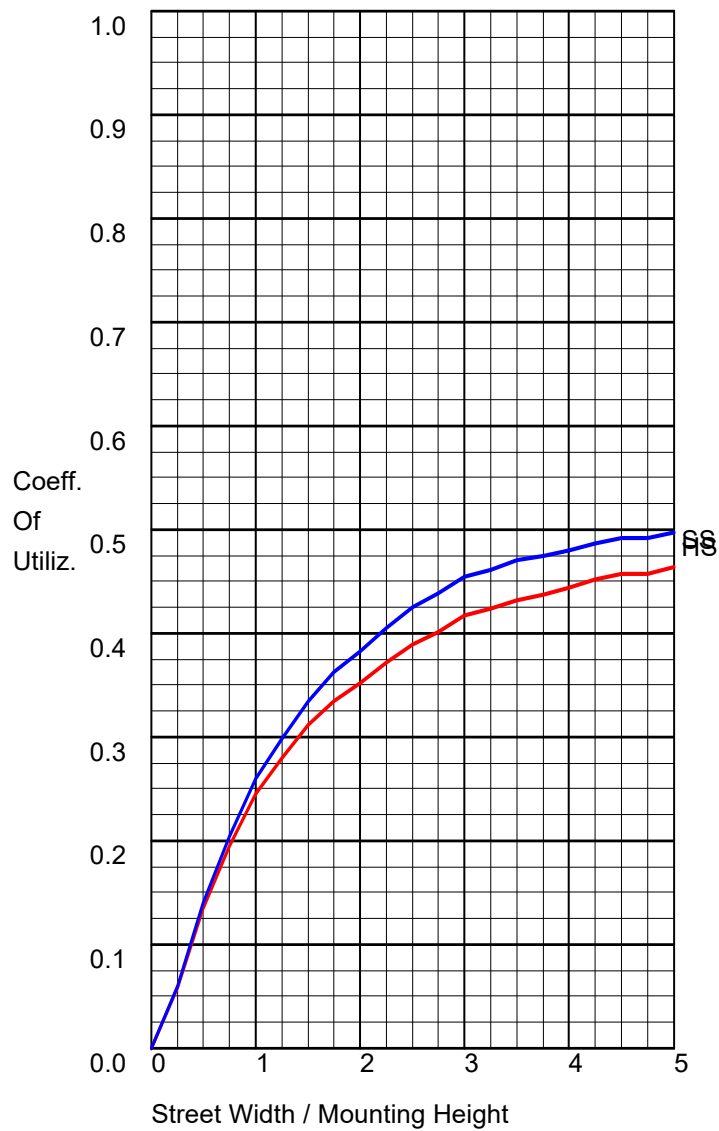
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	30326.26 (1 lamp)
Total Lamp Lumens	30326.26
Luminaire Lumens	30326
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	209.65
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	9249.743
Maximum Candela Angle	135H 77V
Maximum Candela (<90 Degrees Vertical)	9249.743
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	8581.771 (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)	1555.9	5.1	5.1
FM - Front-Medium (30-60)	5502.1	18.1	18.1
FH - Front-High (60-80)	6505.8	21.5	21.5
FVH - Front-Very High (80-90)	1270.4	4.2	4.2
BL - Back-Low (0-30)	1636.8	5.4	5.4
BM - Back-Medium (30-60)	6018.5	19.8	19.8
BH - Back-High (60-80)	6968.9	23.0	23.0
BVH - Back-Very High (80-90)	867.9	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	30326.3	100.0	100.0
BUG Rating	B5-U0-G5		

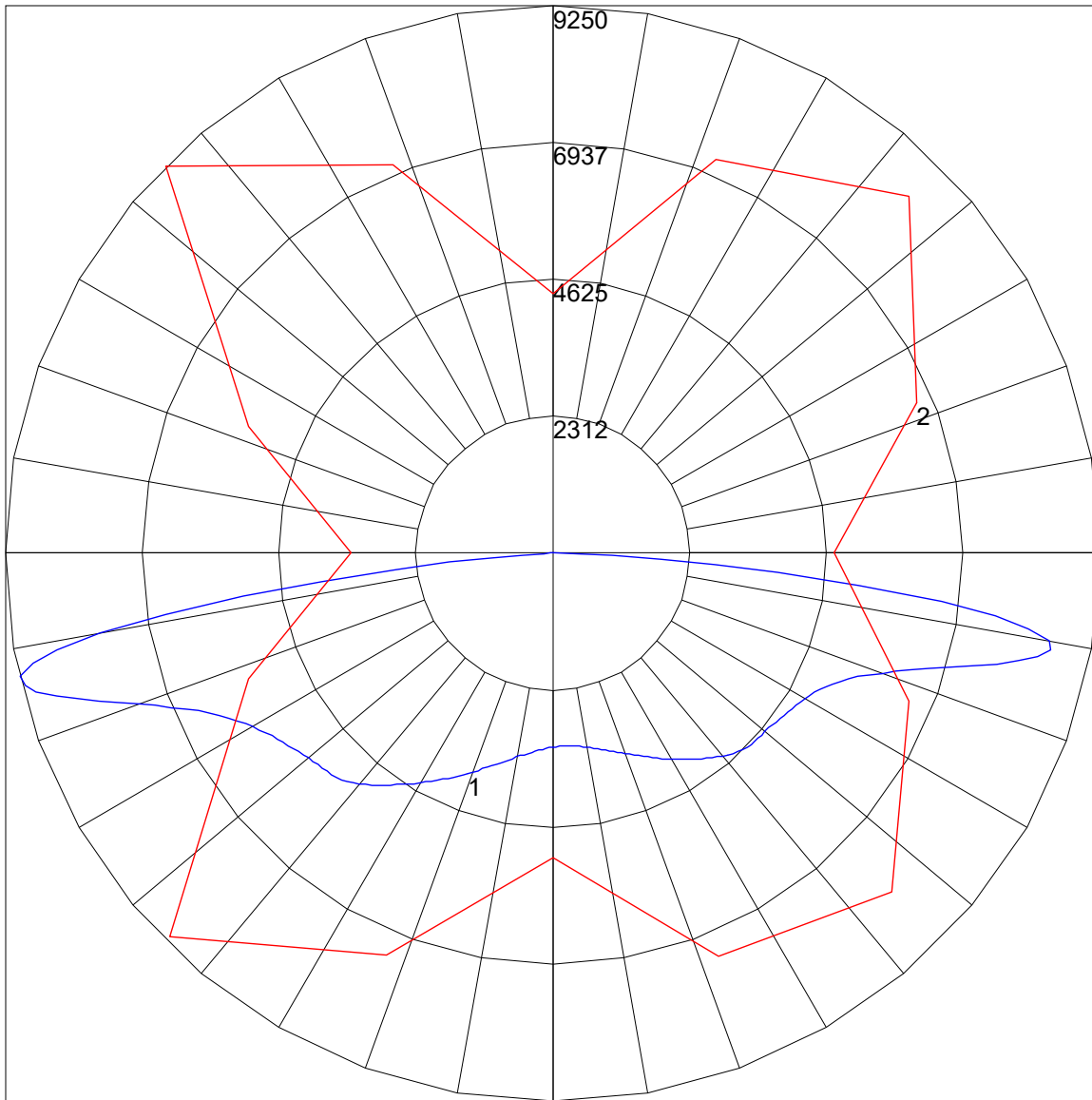
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

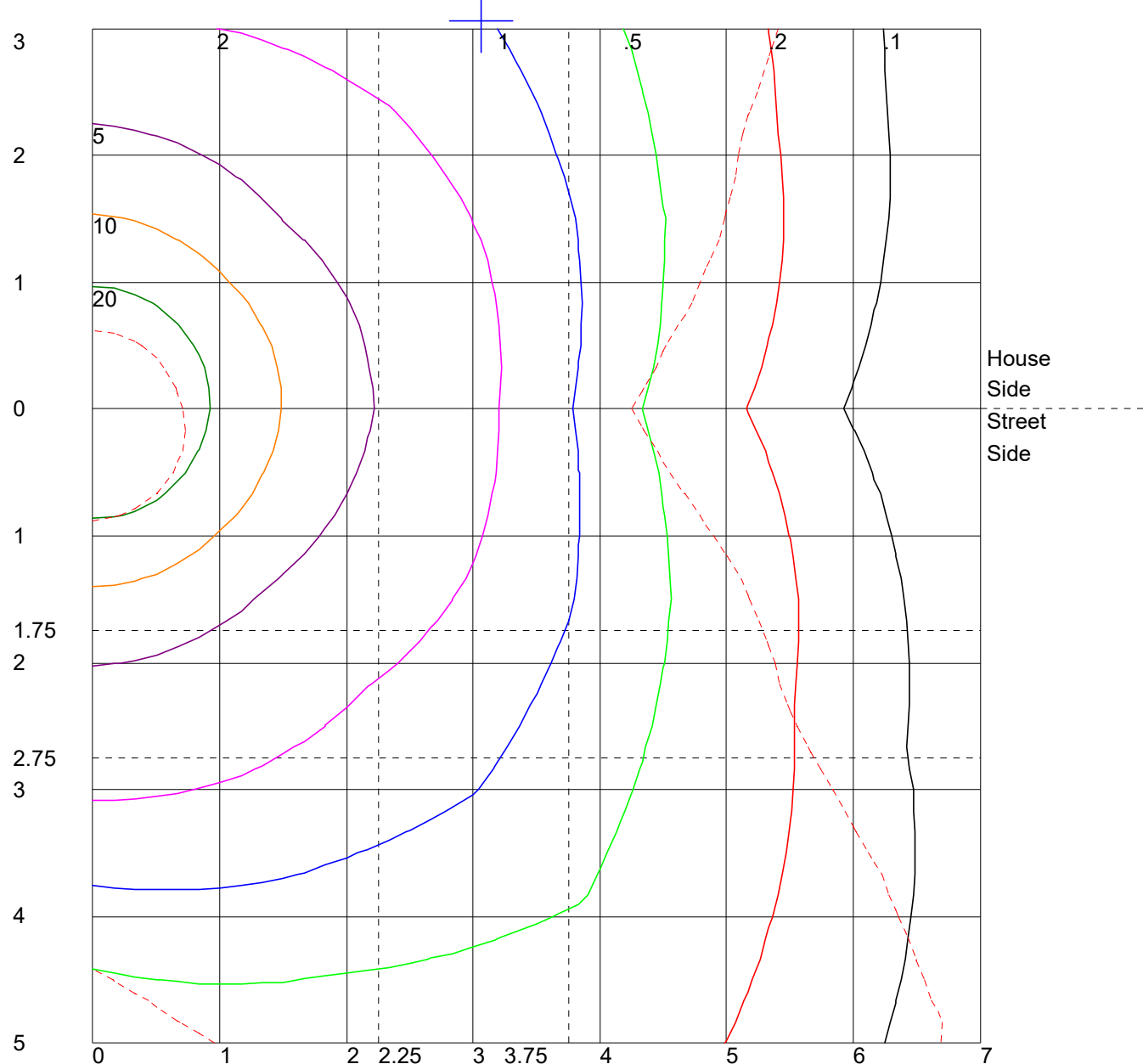
	Lumens	Percent Of Lamp
Downward Street Side	14834.1	48.9
Downward House Side	15492.1	51.1
Downward Total	30326.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30326.2	100.0

POLAR GRAPH



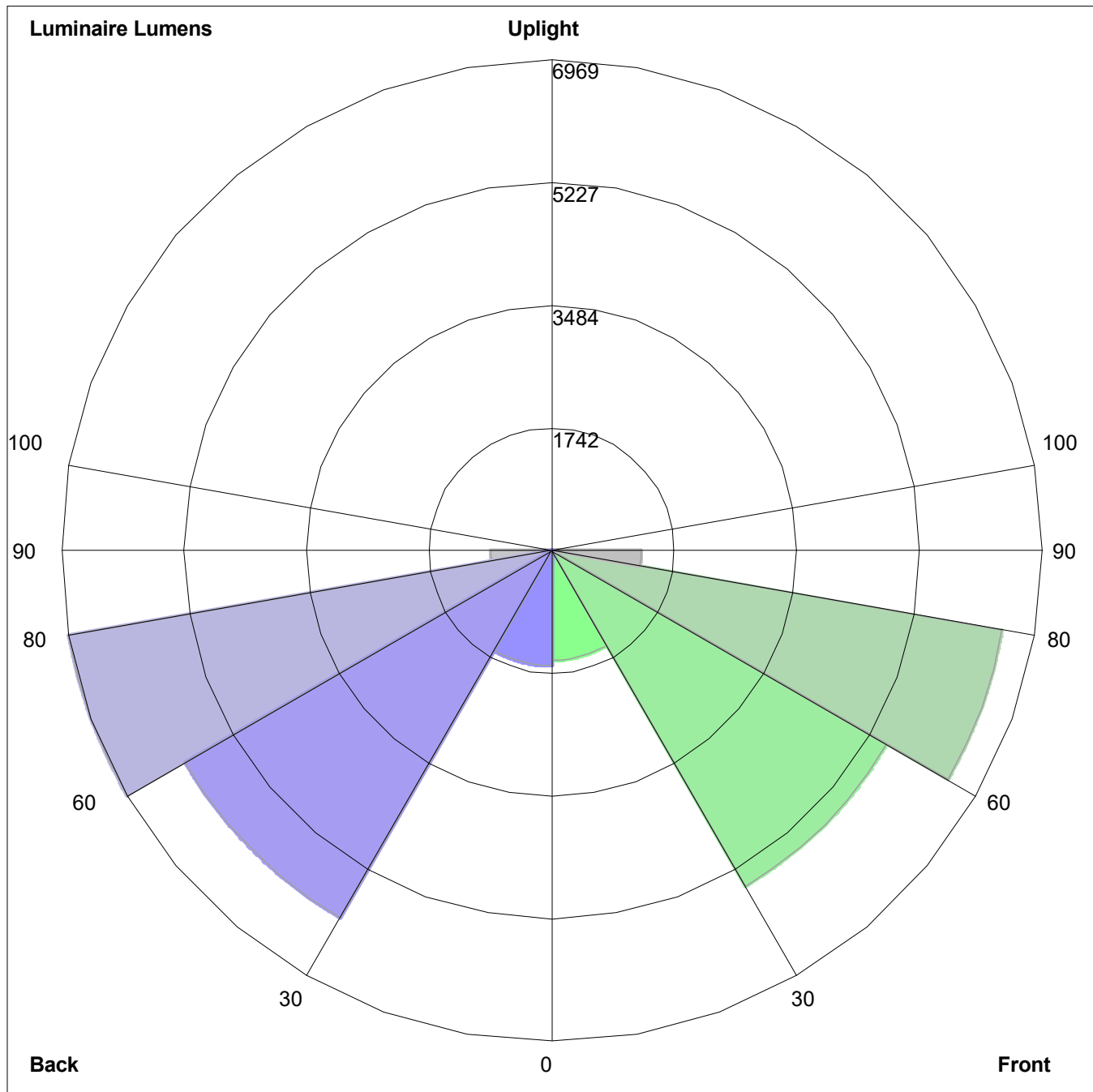
Maximum Candela = 9249.743 Located At Horizontal Angle = 135, Vertical Angle = 77
1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (77) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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=1555.9, Medium=5502.1, High=6505.8, Very High=1270.4
Back: Low=1636.8, Medium=6018.5, High=6968.9, Very High=867.9
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5