



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L MD 2 UV 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2012022E-F
[ISSUEDATE] 2020-12-15 17:19
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK L MD 2 UV 850
[LUMINAIRE] LED Large Area Light
[_VOLTAGE] 120.0 V
[_CURRENT] 1.751A
[_POWERFACTOR] 0.998
[_THD] 4.41
[TESTLAB] Belling Test Laboratory Co., LTD
[_TESTINST] GPM-3000
[_TESTDIST] 14.040 m [K=1.0000]
[_TESTTEMPERATURE] 25.4 'C
[_TESTHUMIDITY]
[_TESTOPERATOR]

CHARACTERISTICS

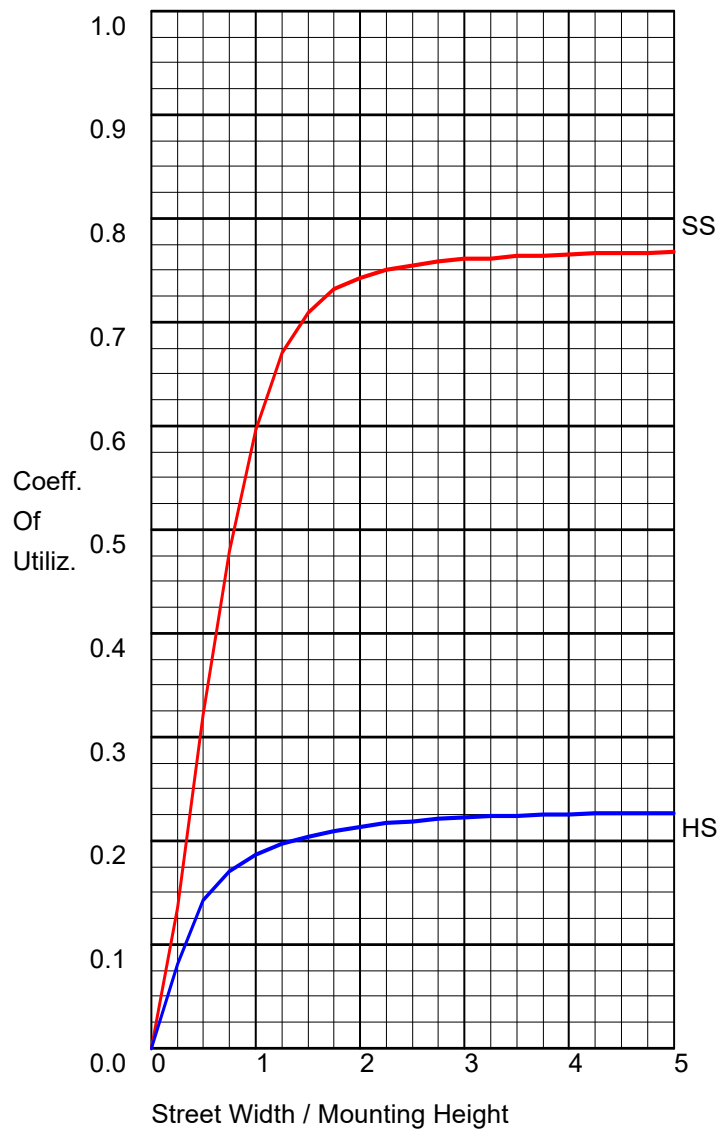
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	30737.8 (1 lamp)
Total Lamp Lumens	30737.8
Luminaire Lumens	30738
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	209.74
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	16170.84
Maximum Candela Angle	285H 71V
Maximum Candela (<90 Degrees Vertical)	16170.84
Maximum Candela Angle (<90 Degrees Vertical)	285H 71V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5073.832 (16.5% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	4431.7	14.4	14.4
FM - Front-Medium (30-60)	13227.9	43.0	43.0
FH - Front-High (60-80)	5695.6	18.5	18.5
FVH - Front-Very High (80-90)	336.9	1.1	1.1
BL - Back-Low (0-30)	1823.1	5.9	5.9
BM - Back-Medium (30-60)	3034.3	9.9	9.9
BH - Back-High (60-80)	2029.4	6.6	6.6
BVH - Back-Very High (80-90)	159.1	0.5	0.5
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	30738.0	99.9	100.0
BUG Rating	B3-U0-G3		

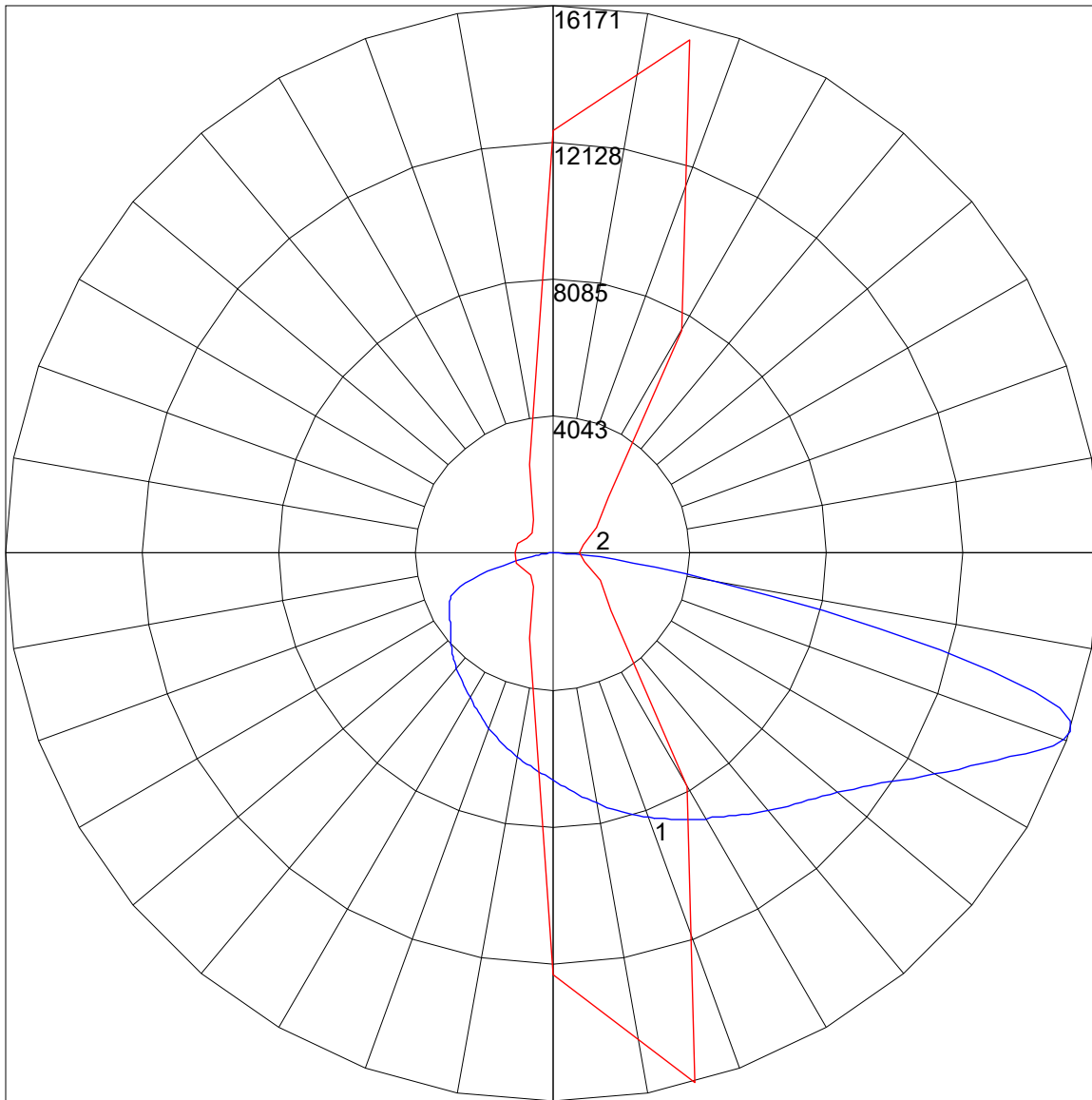
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

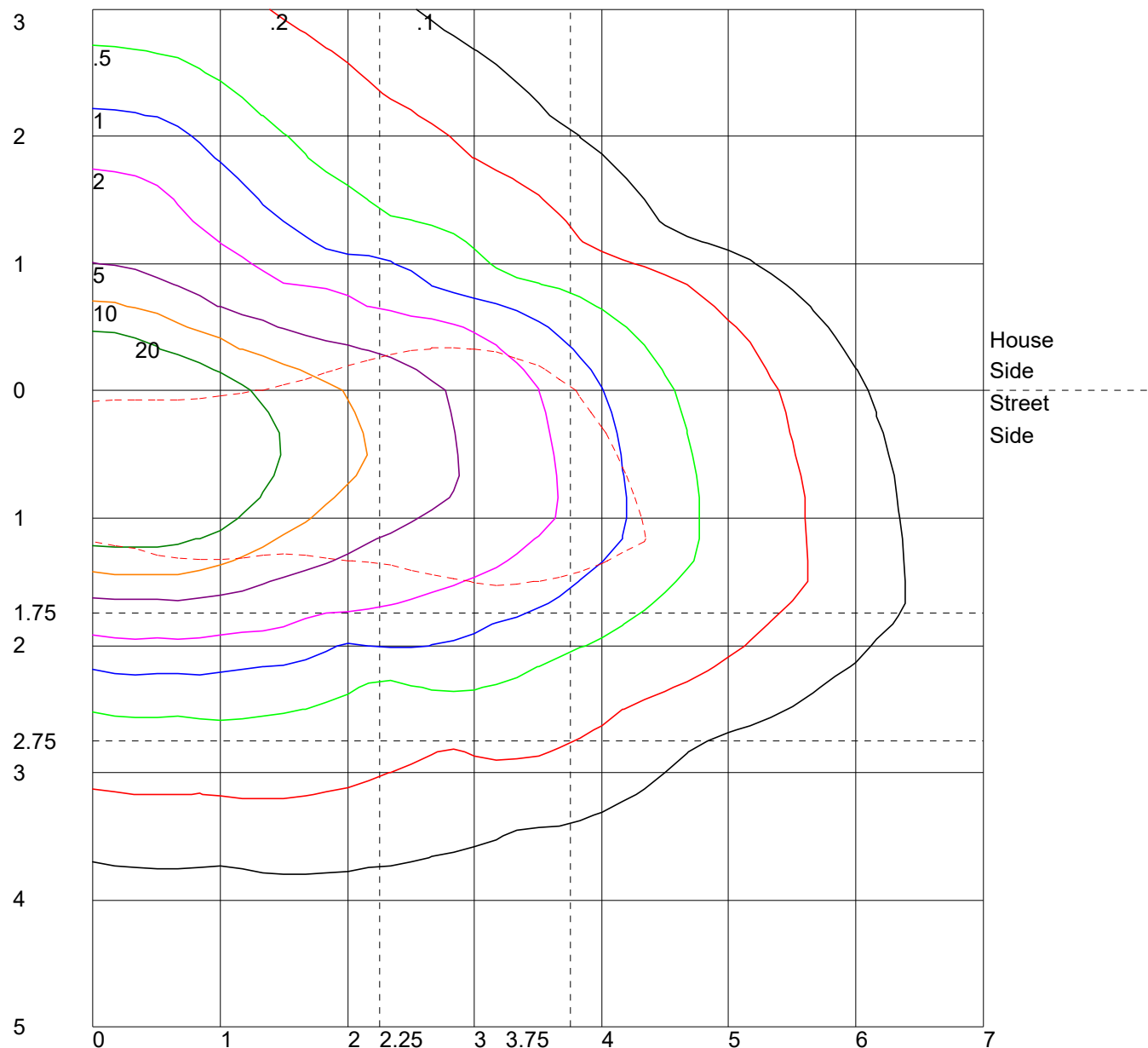
	Lumens	Percent Of Lamp
Downward Street Side	23692.1	77.1
Downward House Side	7045.8	22.9
Downward Total	30737.9	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30737.9	100.0

POLAR GRAPH



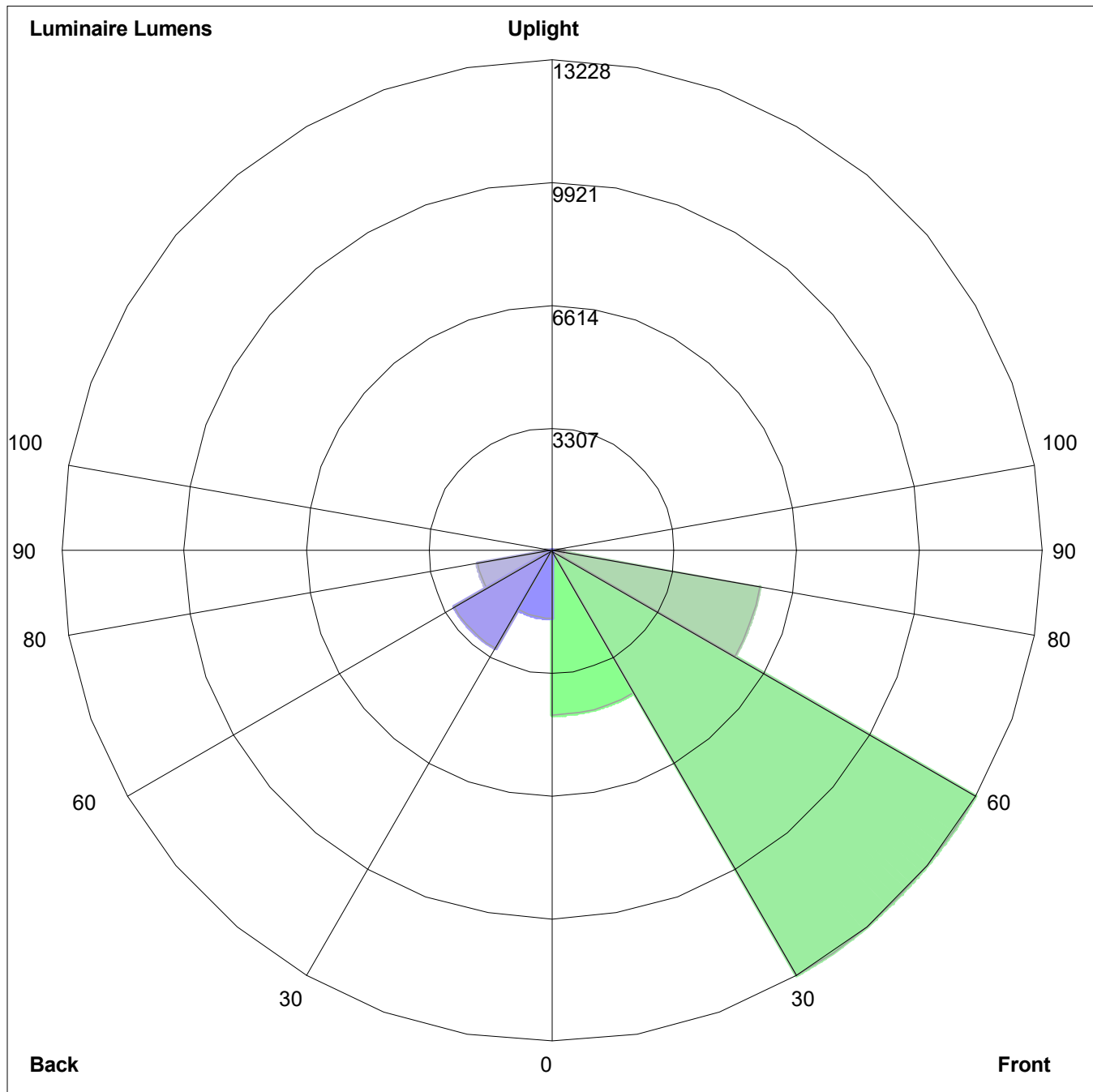
Maximum Candela = 16170.84 Located At Horizontal Angle = 285, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (285 - 105) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

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=4431.7, Medium=13227.9, High=5695.6, Very High=336.9
Back: Low=1823.1, Medium=3034.3, High=2029.4, Very High=159.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3