



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L HI 5 HV 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2010022G-H
[ISSUEDATE] 2020-11-9 17:51
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK L HI 5 HV 850
[LUMINAIRE] LED Large Area Light
[_VOLTAGE] 480.0 V
[_CURRENT] 0.651 A
[_POWERFACTOR] 0.905
[_THD] 9.45
[TESTLAB] Belling Test Laboratory Co., LTD
[_TESTINST] GPM-3000
[_TESTDIST] 14.040 m [K=1.0000]
[_TESTTEMPERATURE] 25.5 'C
[_TESTHUMIDITY]
[_TESTOPERATOR]

CHARACTERISTICS

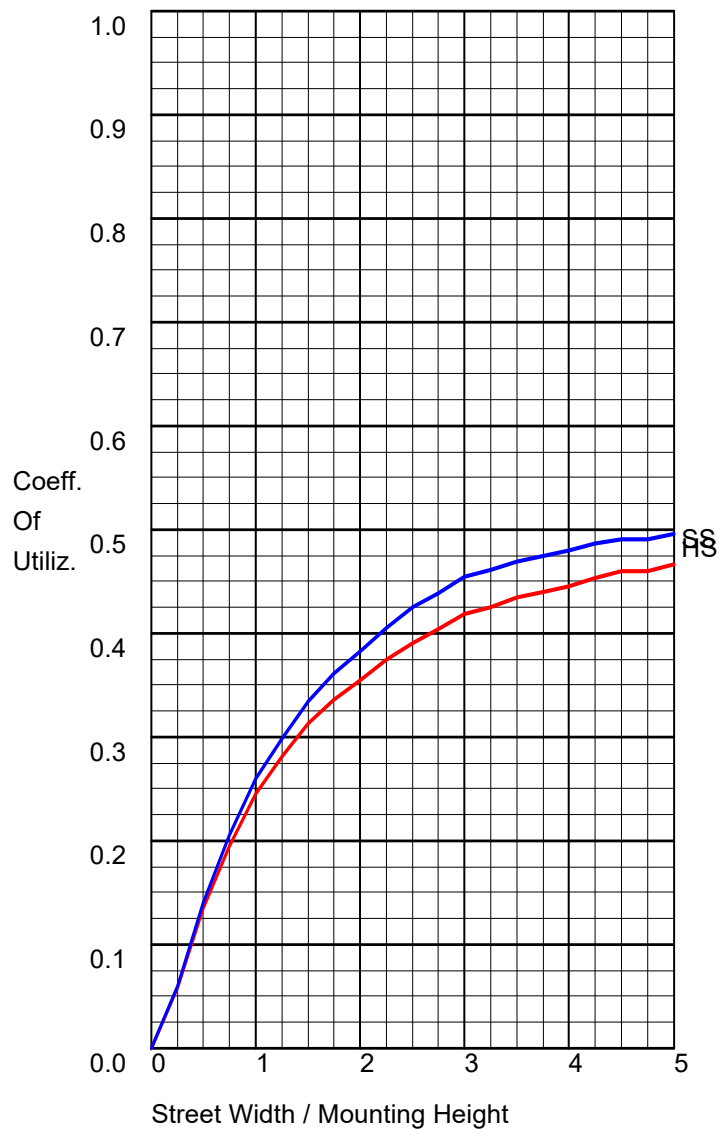
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	41177.43 (1 lamp)
Total Lamp Lumens	41177.43
Luminaire Lumens	41177
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	282.71
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12416.204
Maximum Candela Angle	135H 77V
Maximum Candela (<90 Degrees Vertical)	12416.204
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	11541.018 (28.0% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2127.5	5.2	5.2
FM - Front-Medium (30-60)	7520.5	18.3	18.3
FH - Front-High (60-80)	8856.6	21.5	21.5
FVH - Front-Very High (80-90)	1669.9	4.1	4.1
BL - Back-Low (0-30)	2232.0	5.4	5.4
BM - Back-Medium (30-60)	8180.7	19.9	19.9
BH - Back-High (60-80)	9411.3	22.9	22.9
BVH - Back-Very High (80-90)	1178.9	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	41177.4	100.2	100.0
BUG Rating	B5-U0-G5		

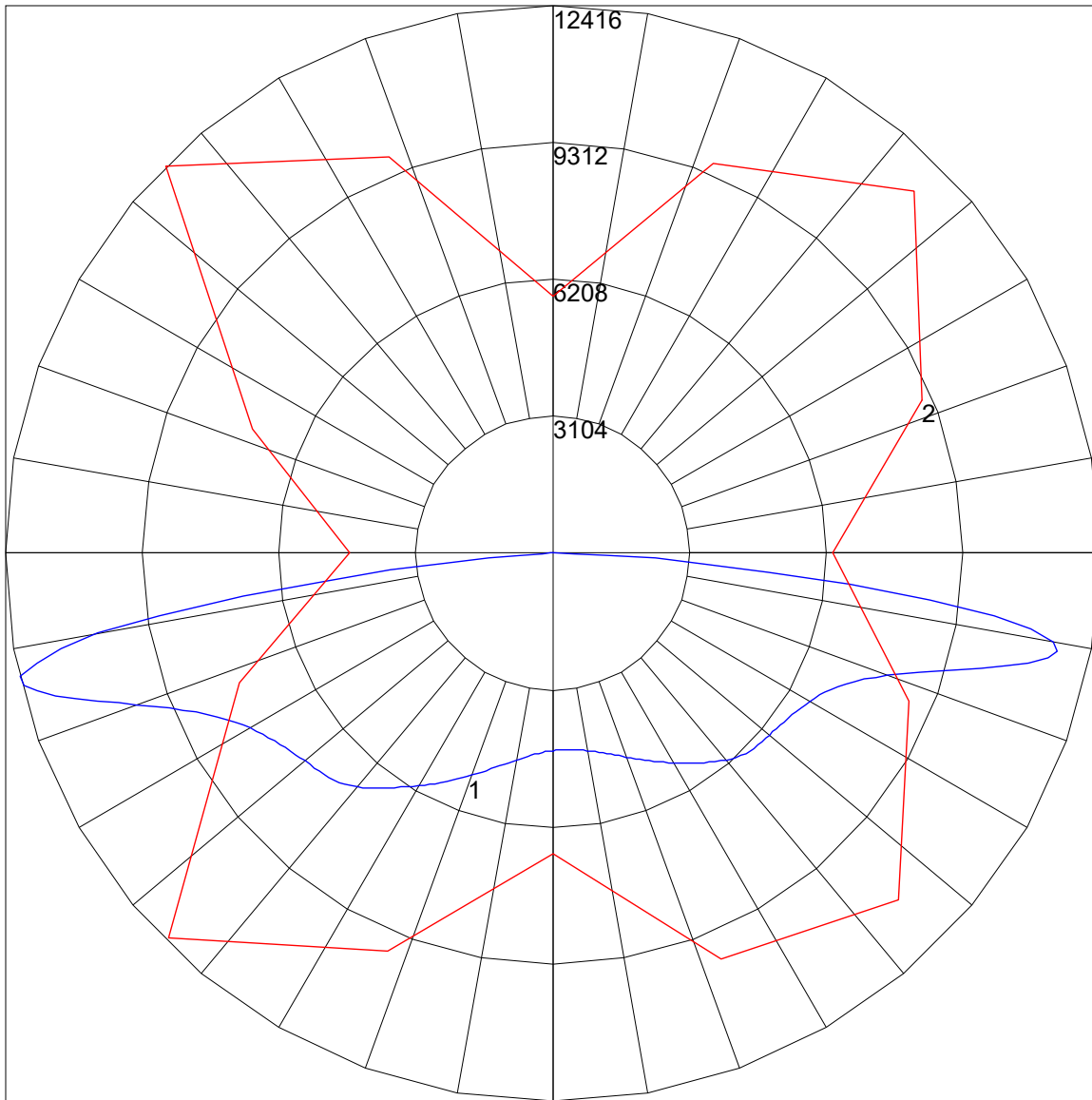
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

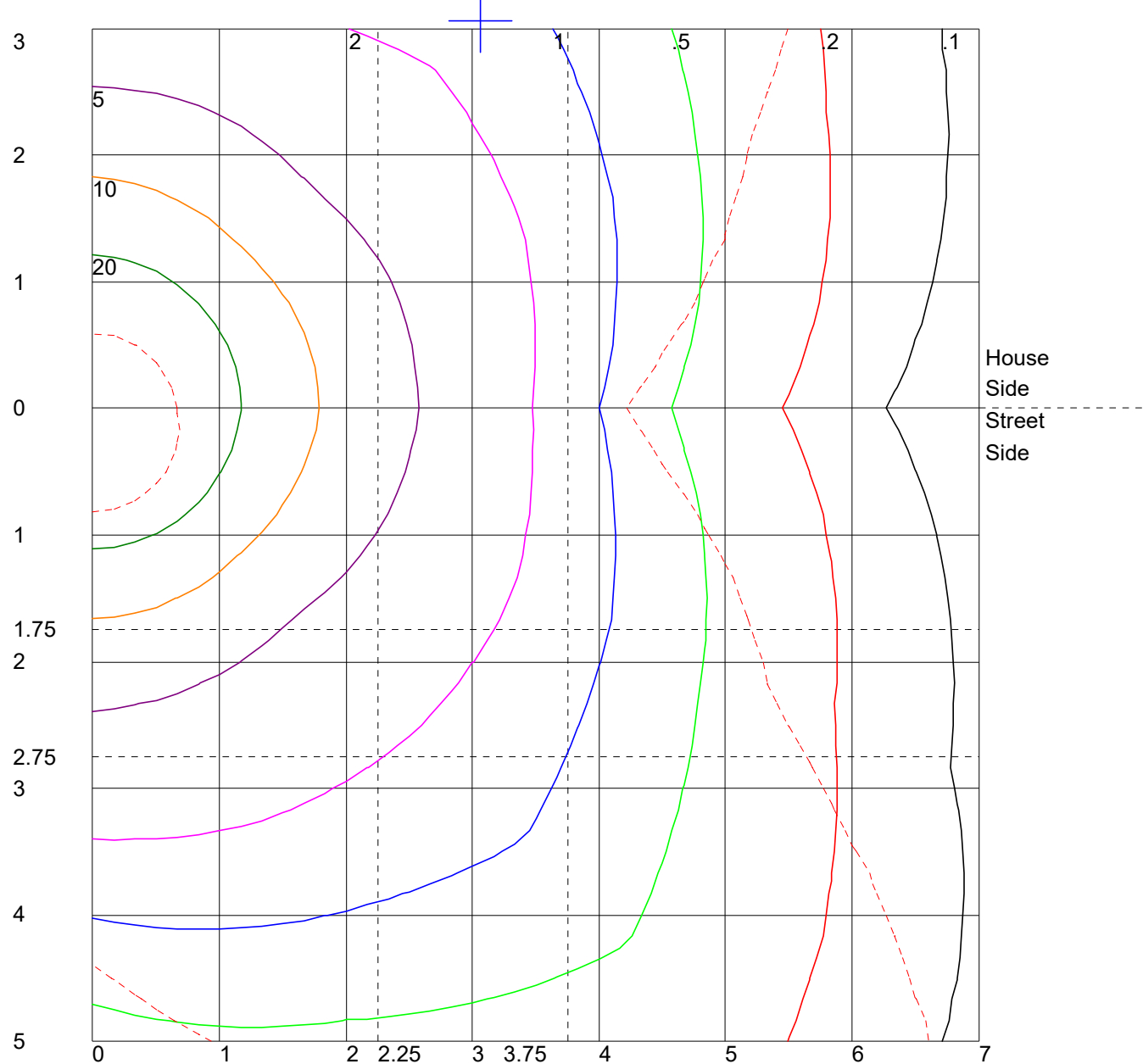
	Lumens	Percent Of Lamp
Downward Street Side	20174.5	49.0
Downward House Side	21002.9	51.0
Downward Total	41177.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	41177.4	100.0

POLAR GRAPH

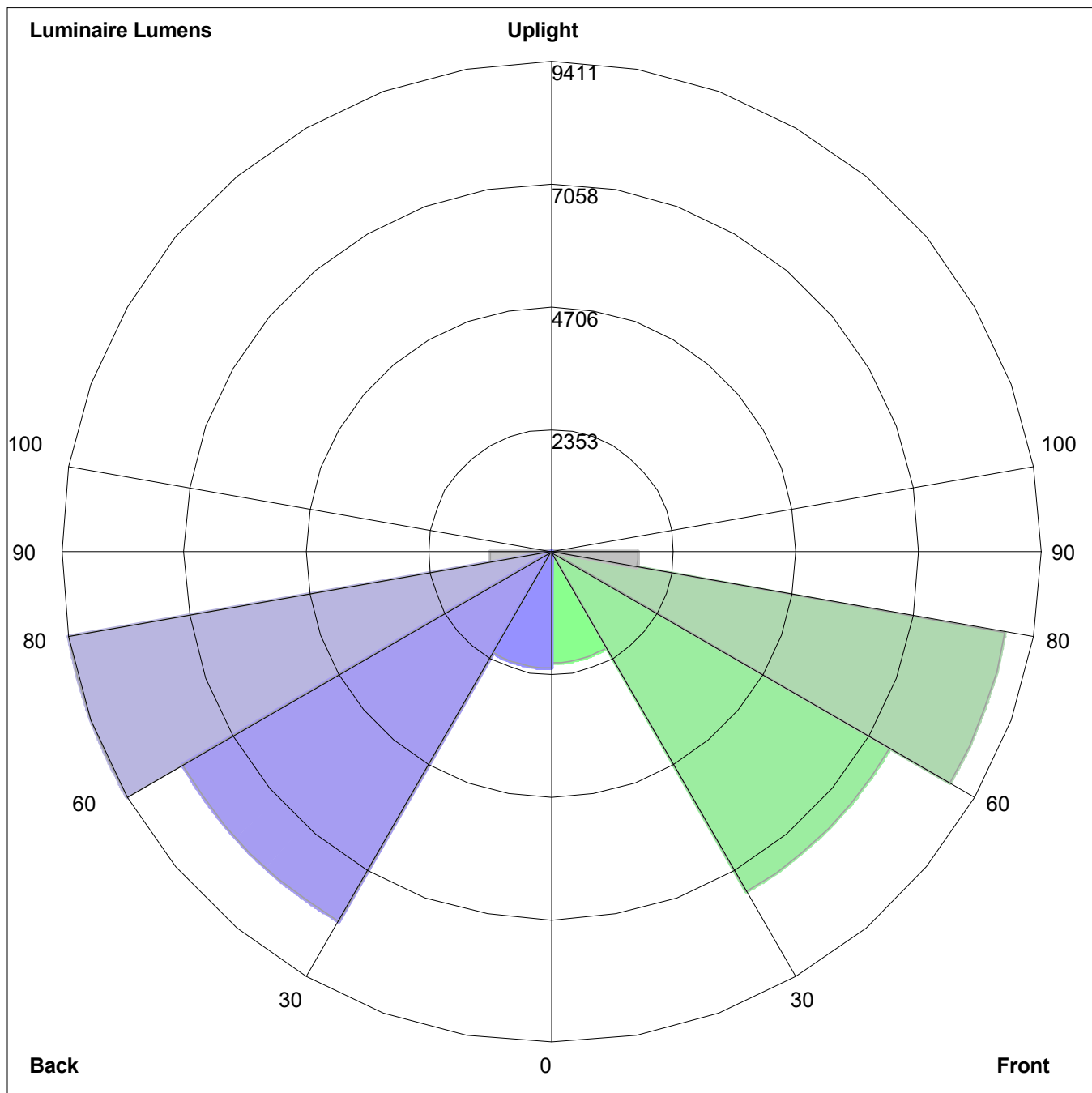


Maximum Candela = 12416.204 Located At Horizontal Angle = 135, Vertical Angle = 77
1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (77) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2127.5, Medium=7520.5, High=8856.6, Very High=1669.9
Back: Low= 2232.0, Medium=8180.7, High=9411.3, Very High=1178.9
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5