



## IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L HI 5 UV 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] BLC2010022G-G  
[ISSUEDATE] 2020-11-9 16:33  
[MANUFAC] LumenFocus, LLC  
[LUMCAT] ALK L HI 5 UV 850  
[LUMINAIRE] LED Large Area Light  
[\_VOLTAGE] 120.0 V  
[\_CURRENT] 2.429 A  
[\_POWERFACTOR] 0.998  
[\_THD] 2.65  
[TESTLAB] Belling Test Laboratory Co., LTD  
[\_TESTINST] GPM-3000  
[\_TESTDIST] 14.040 m [K=1.0000]  
[\_TESTTEMPERATURE] 25.4 'C  
[\_TESTHUMIDITY]  
[\_TESTOPERATOR]

### CHARACTERISTICS

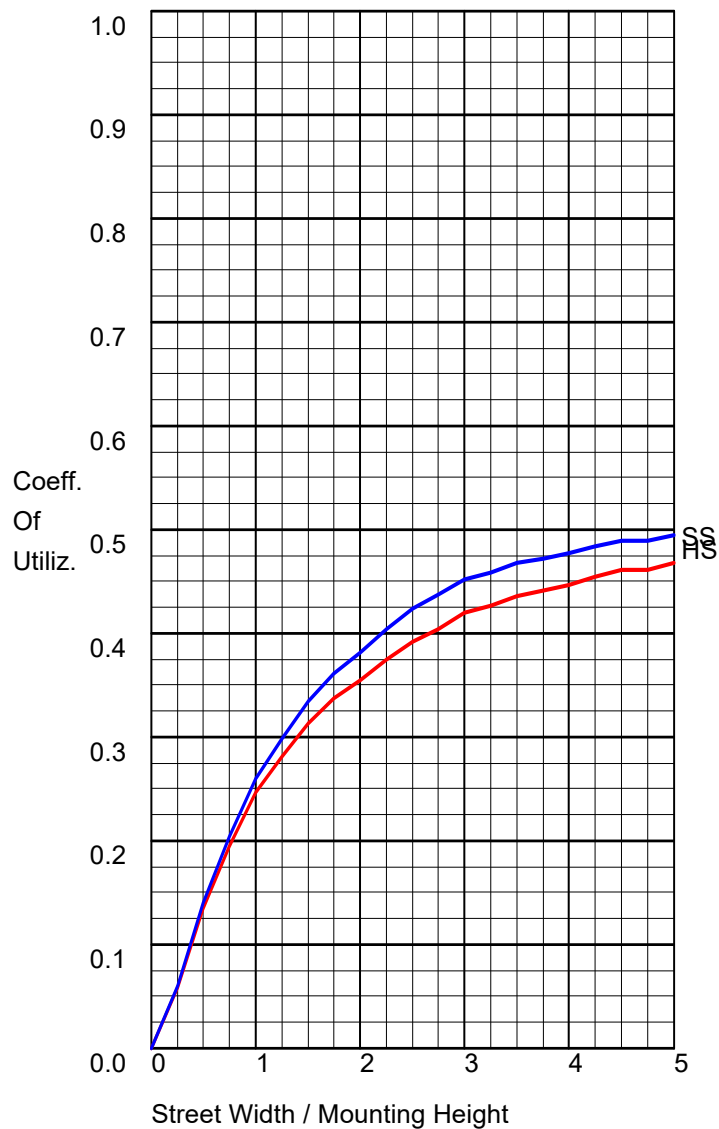
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	42094.8 (1 lamp)
Total Lamp Lumens	42094.8
Luminaire Lumens	42095
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	290.85
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12510.781
Maximum Candela Angle	135H 77V
Maximum Candela (<90 Degrees Vertical)	12510.781
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	11899.829 (28.3% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALK L HI 5 UV 850.IES**

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2183.8	5.2	5.2
FM - Front-Medium (30-60)	7706.9	18.3	18.3
FH - Front-High (60-80)	9072.7	21.6	21.6
FVH - Front-Very High (80-90)	1725.6	4.1	4.1
BL - Back-Low (0-30)	2286.5	5.4	5.4
BM - Back-Medium (30-60)	8338.8	19.8	19.8
BH - Back-High (60-80)	9564.9	22.7	22.7
BVH - Back-Very High (80-90)	1215.6	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	42094.8	100.0	100.0
BUG Rating	B5-U0-G5		

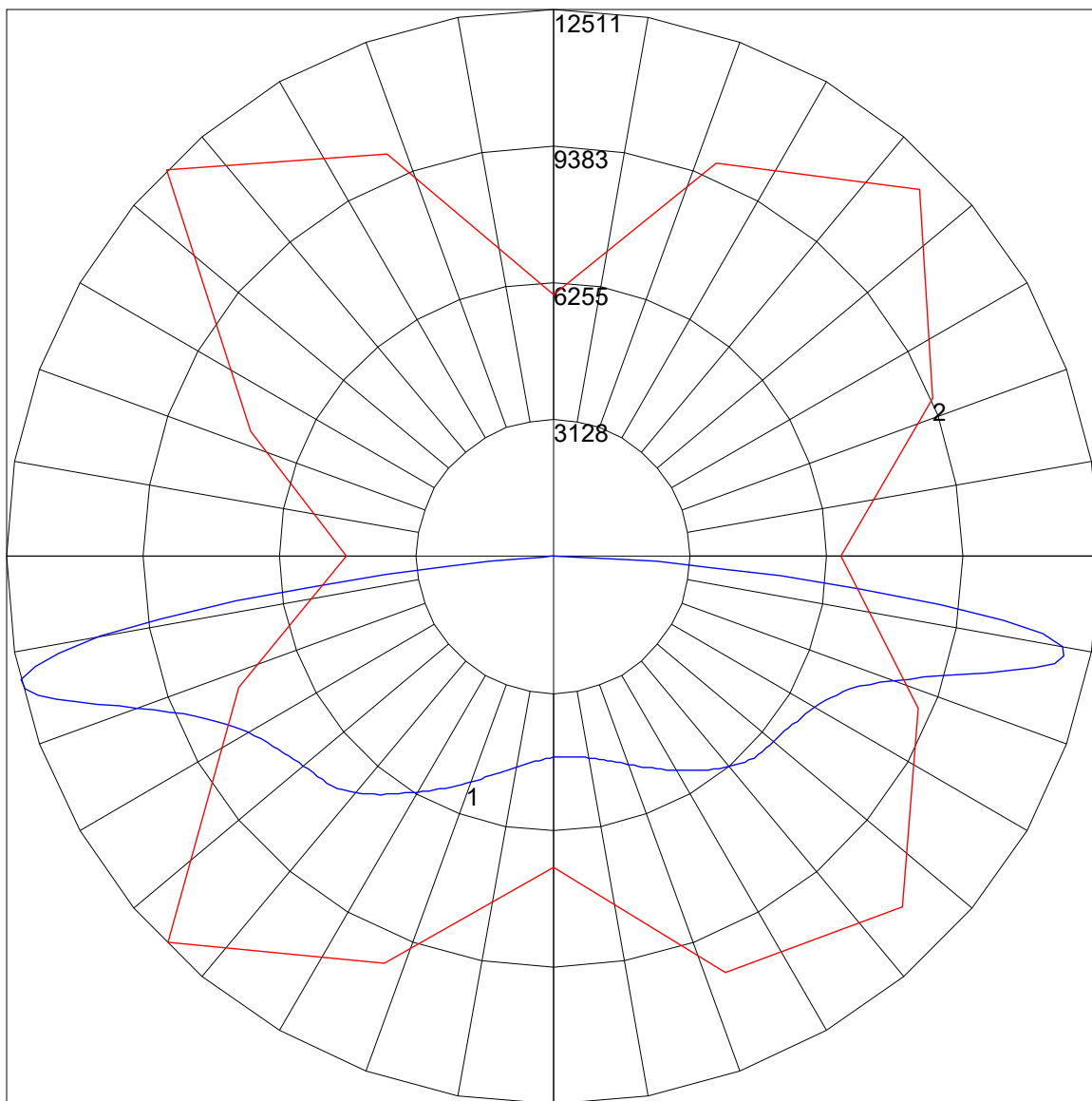
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

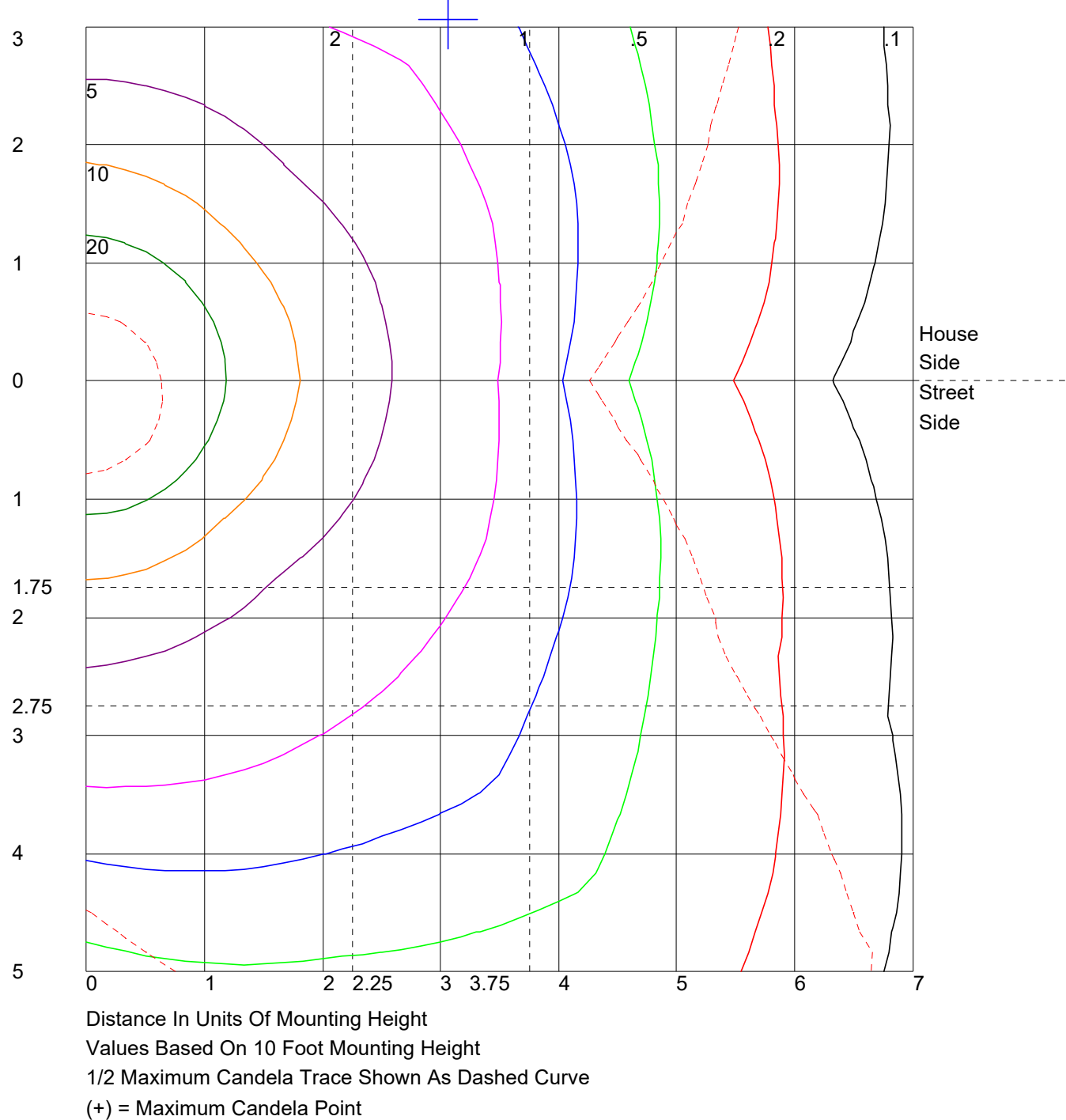
	Lumens	Percent Of Lamp
Downward Street Side	20689.0	49.1
Downward House Side	21405.8	50.9
Downward Total	42094.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	42094.8	100.0

POLAR GRAPH

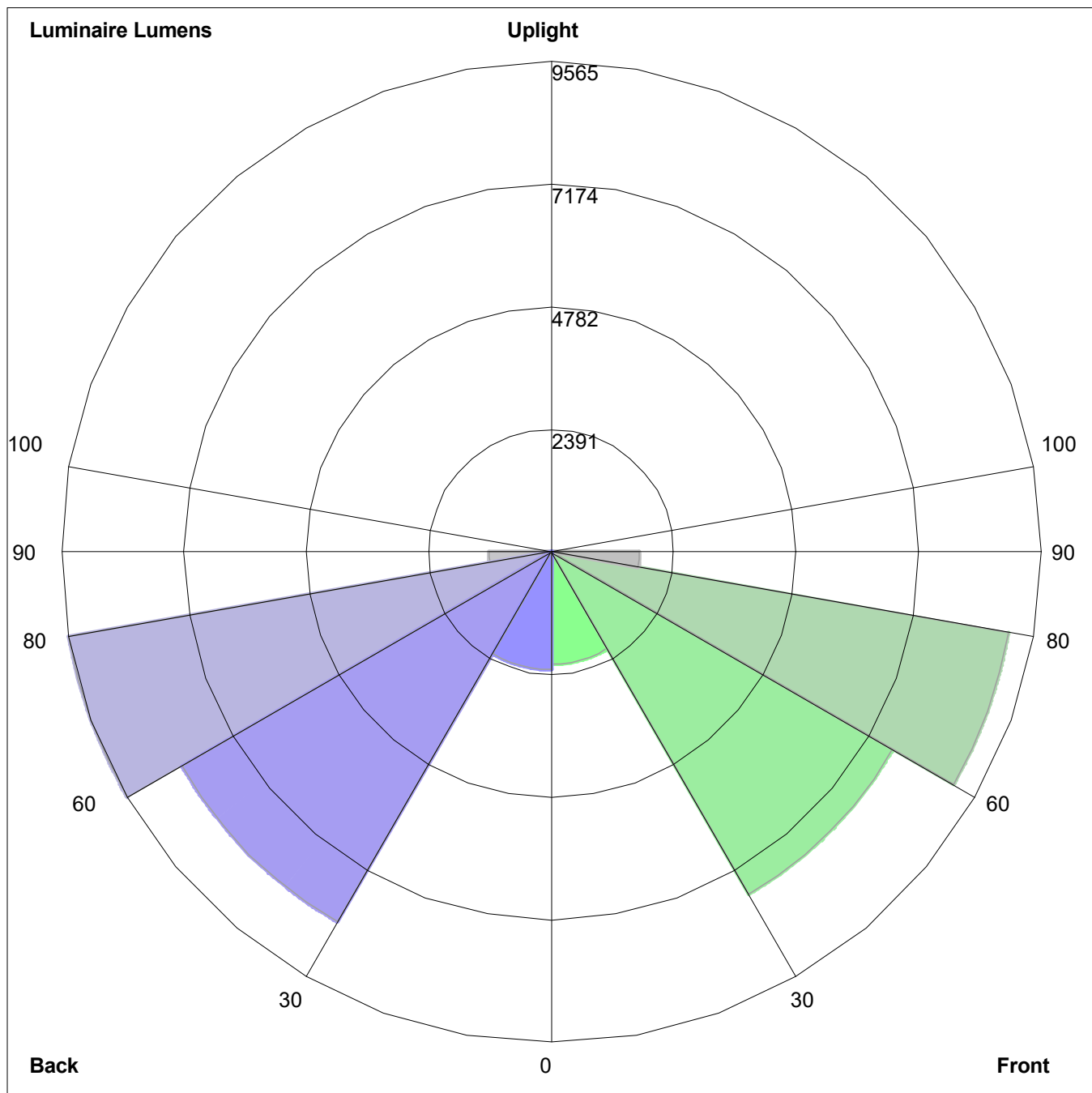


Maximum Candela = 12510.781 Located At Horizontal Angle = 135, Vertical Angle = 77  
# 1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (77) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=2183.8, Medium=7706.9, High=9072.7, Very High=1725.6  
Back: Low=2286.5, Medium=8338.8, High=9564.9, Very High=1215.6  
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5