



## IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L HI 5 UV 840.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 840  
[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

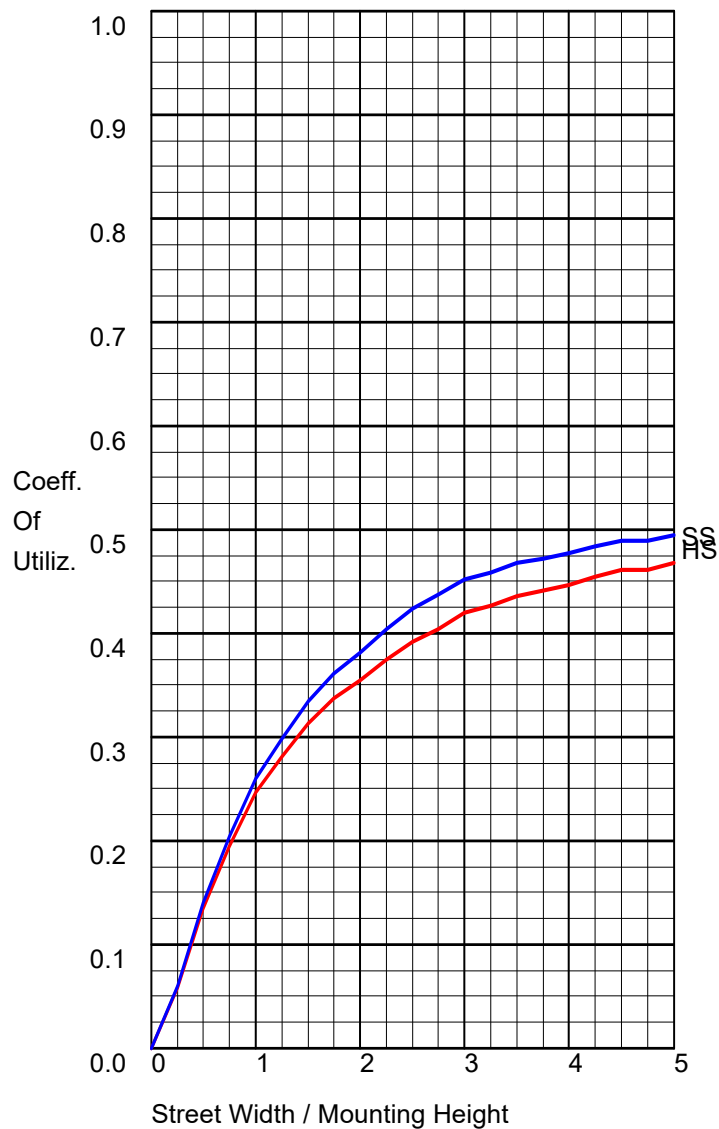
IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	41068.1 (1 lamp)
Total Lamp Lumens	41068.1
Luminaire Lumens	41068
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	290.85
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12205.64
Maximum Candela Angle	135H 77V
Maximum Candela (<90 Degrees Vertical)	12205.64
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	11609.59 (28.3% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALK L HI 5 UV 840.IES**

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2130.6	5.2	5.2
FM - Front-Medium (30-60)	7519.0	18.3	18.3
FH - Front-High (60-80)	8851.4	21.6	21.6
FVH - Front-Very High (80-90)	1683.5	4.1	4.1
BL - Back-Low (0-30)	2230.7	5.4	5.4
BM - Back-Medium (30-60)	8135.4	19.8	19.8
BH - Back-High (60-80)	9331.6	22.7	22.7
BVH - Back-Very High (80-90)	1185.9	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	41068.1	100.0	100.0
BUG Rating	B5-U0-G5		

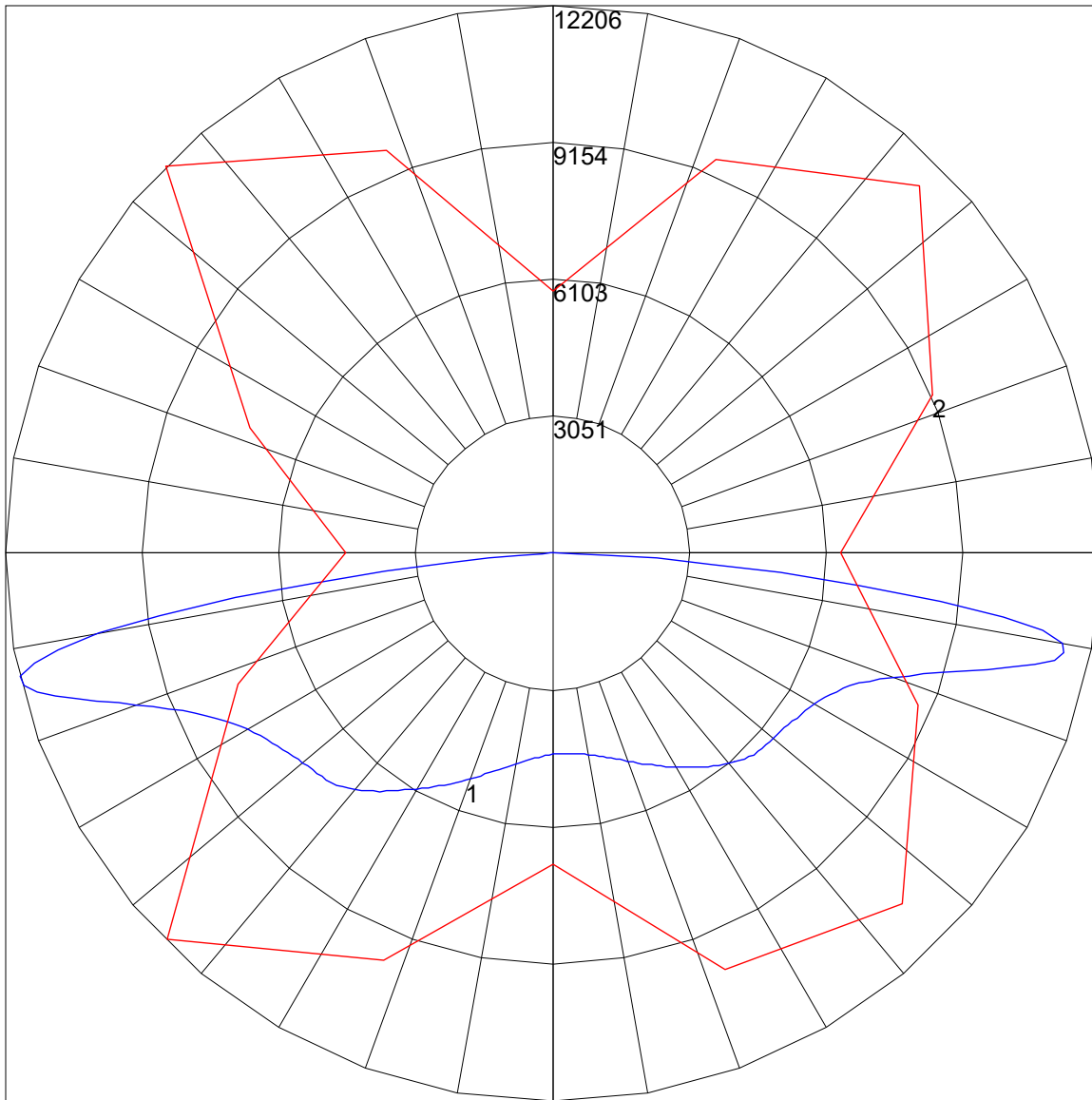
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

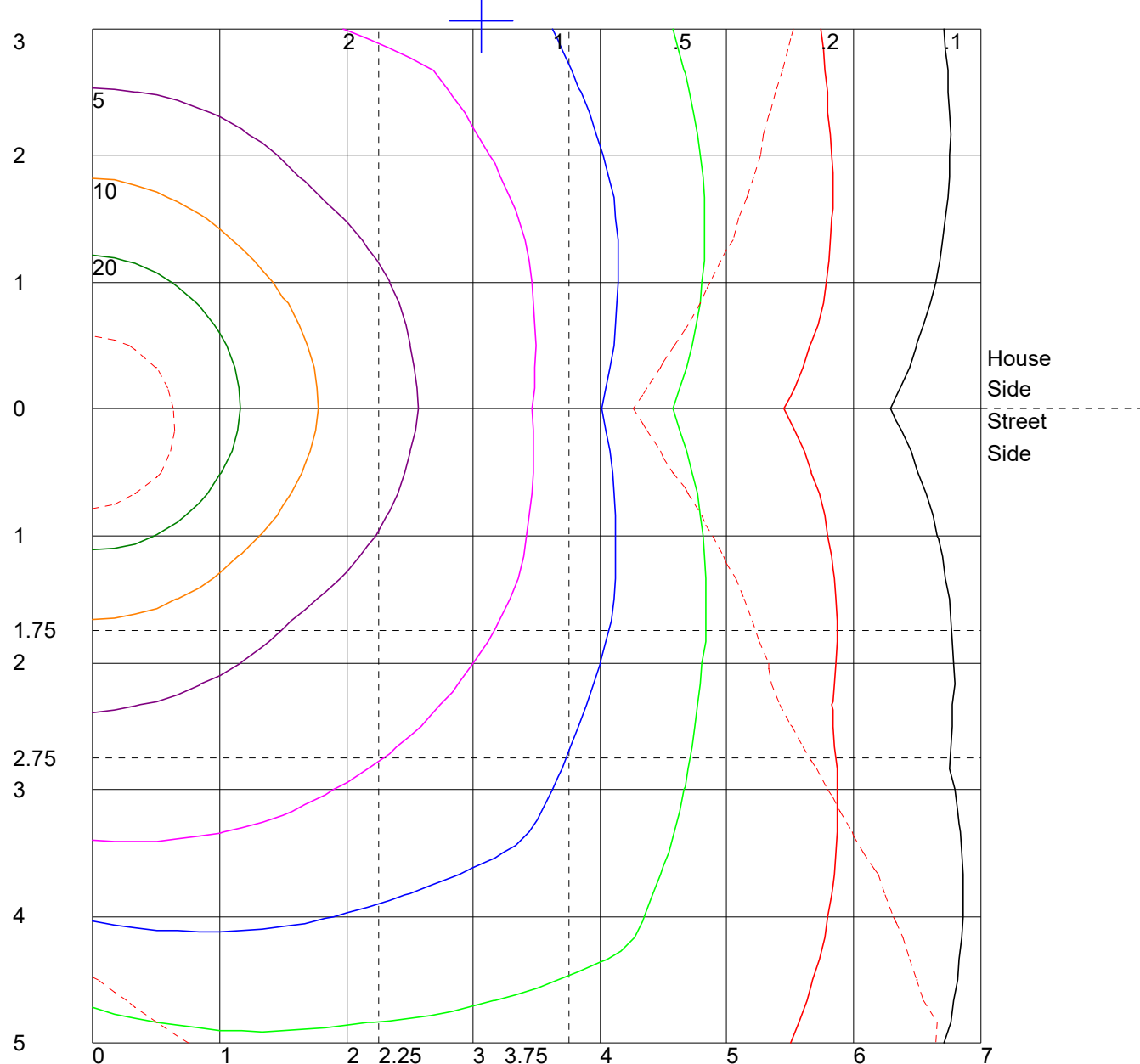
	Lumens	Percent Of Lamp
Downward Street Side	20184.4	49.1
Downward House Side	20883.7	50.9
Downward Total	41068.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	41068.1	100.0

POLAR GRAPH



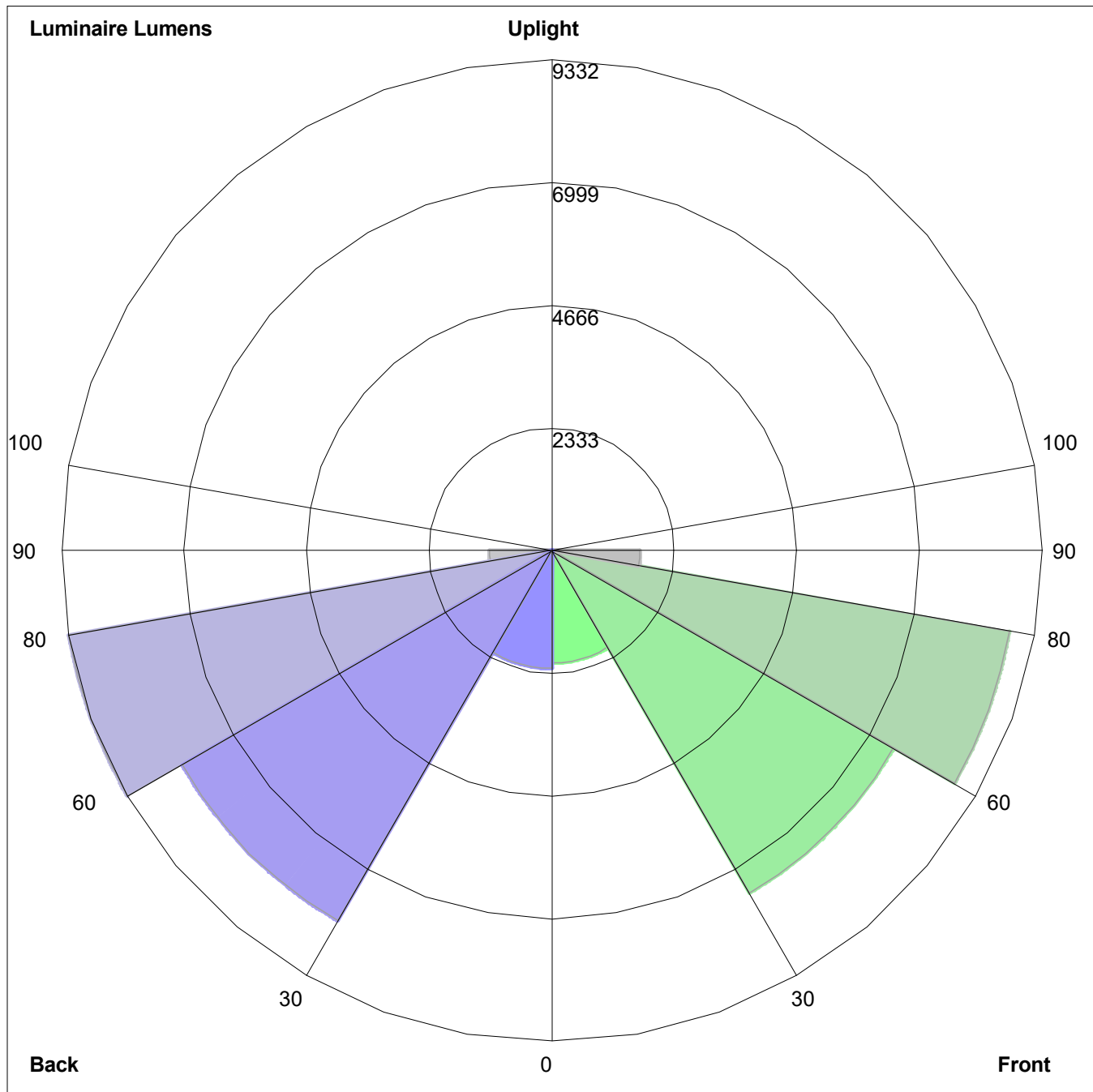
Maximum Candela = 12205.64 Located At Horizontal Angle = 135, Vertical Angle = 77  
# 1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (77) (Through Max. Cd.)

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=2130.6, Medium= 7519.0, High=8851.4, Very High=1683.5  
Back: Low=2230.7, Medium=8135.4, High=9331.6, Very High=1185.9  
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5