



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L HI 3 UV 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2010022E-G
[ISSUEDATE] 2020-11-06 10:20
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK L HI 3 UV 850
[LUMINAIRE] LED Large Area Light
[_VOLTAGE] 120.0 V
[_CURRENT] 2.418 A
[_POWERFACTOR] 0.998
[_THD] 1.98
[TESTLAB] Belling Test Laboratory Co., LTD
[_TESTINST] GPM-3000
[_TESTDIST] 14.040 m [K=1.0000]
[_TESTTEMPERATURE] 25.2 'C
[_TESTHUMIDITY]
[_TESTOPERATOR]

CHARACTERISTICS

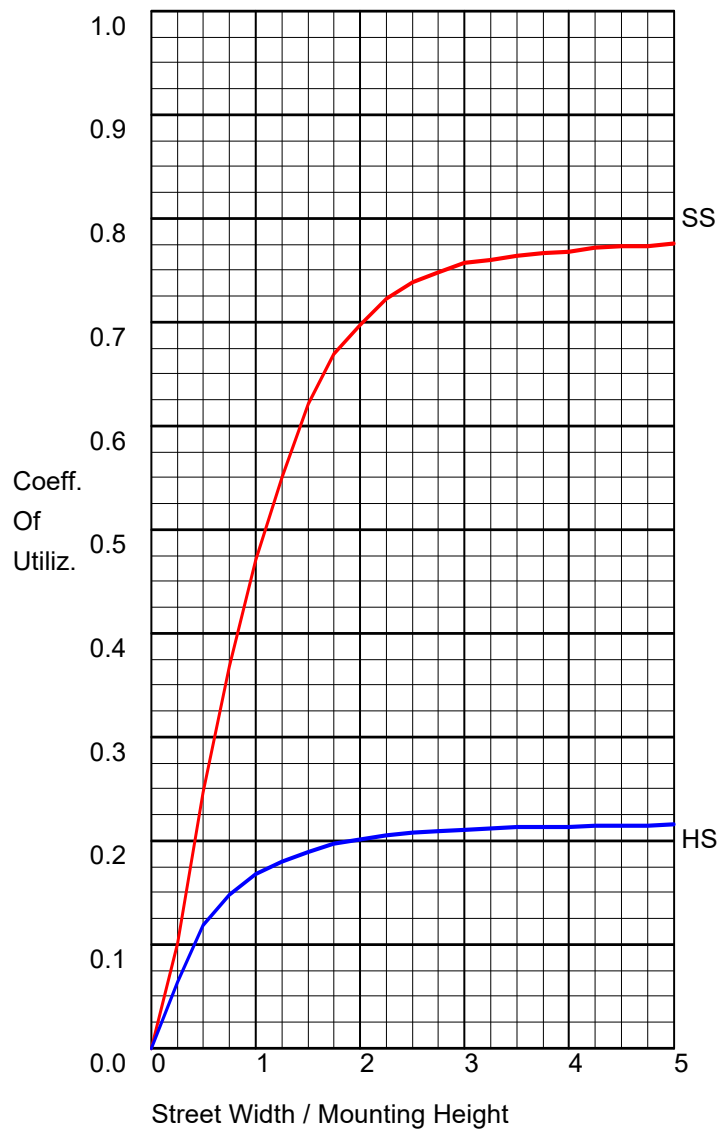
IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	41924.24 (1 lamp)
Total Lamp Lumens	41924.24
Luminaire Lumens	41924
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	290.31
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	23137.284
Maximum Candela Angle	292.5H 71V
Maximum Candela (<90 Degrees Vertical)	23137.284
Maximum Candela Angle (<90 Degrees Vertical)	292.5H 71V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6110.343 (14.6% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

IES ROAD REPORT
PHOTOMETRIC FILENAME : ALK L HI 3 UV 850.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	4785.0	11.4	11.4
FM - Front-Medium (30-60)	16179.7	38.6	38.6
FH - Front-High (60-80)	11183.6	26.7	26.7
FVH - Front-Very High (80-90)	675.1	1.6	1.6
BL - Back-Low (0-30)	2440.6	5.8	5.8
BM - Back-Medium (30-60)	4305.7	10.3	10.3
BH - Back-High (60-80)	2187.6	5.2	5.2
BVH - Back-Very High (80-90)	166.9	0.4	0.4
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	41924.2	100.0	100.0
BUG Rating	B3-U0-G4		

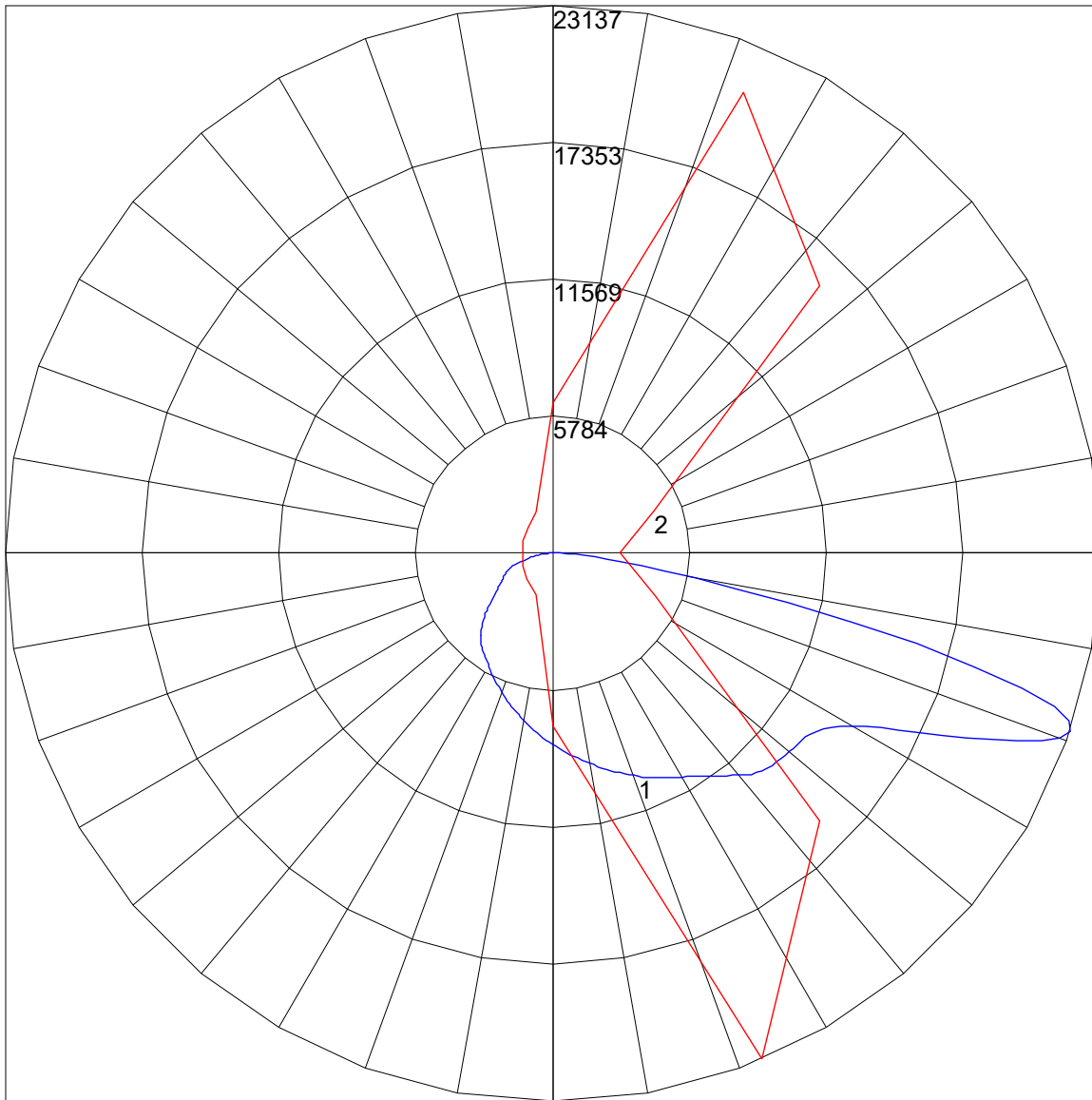
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

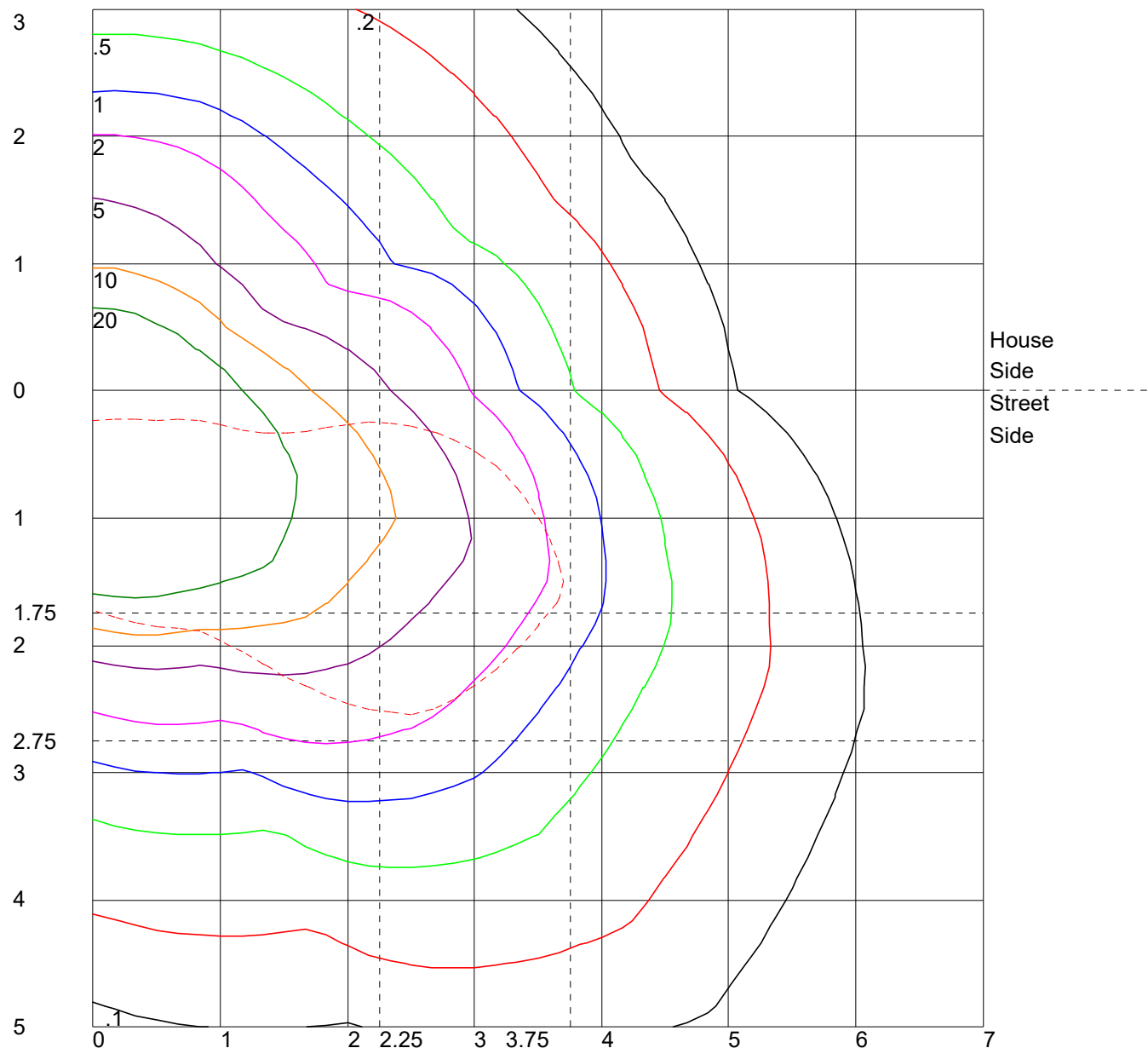
	Lumens	Percent Of Lamp
Downward Street Side	32823.4	78.3
Downward House Side	9100.9	21.7
Downward Total	41924.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	41924.3	100.0

POLAR GRAPH

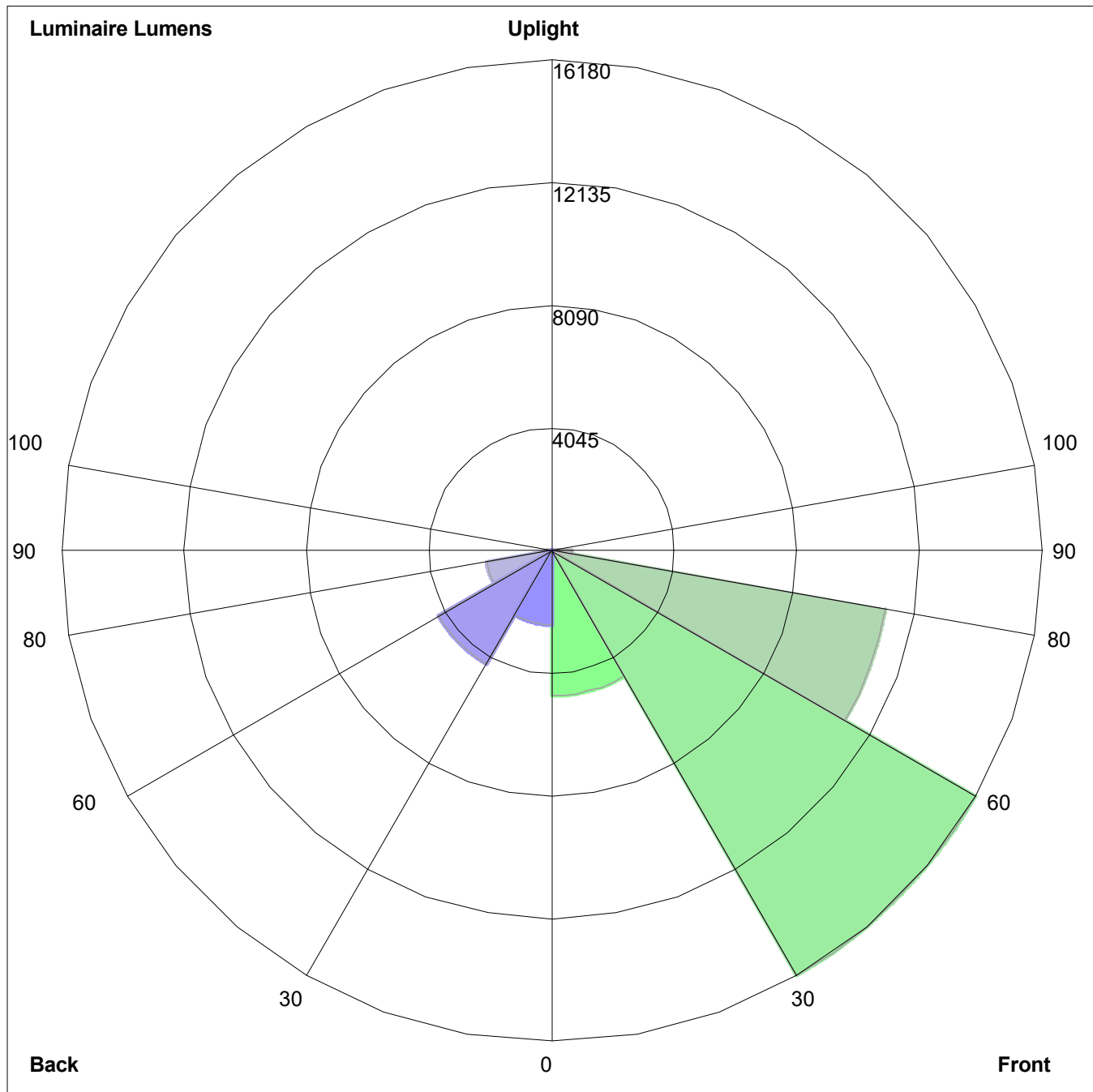


Maximum Candela = 23137.284 Located At Horizontal Angle = 292.5, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 4785.0, Medium=16179.7, High=11183.6, Very High=675.1
Back: Low=2440.6, Medium=4305.7, High=2187.6, Very High=166.9
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4