



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L HI 3 UV 840.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 840
[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

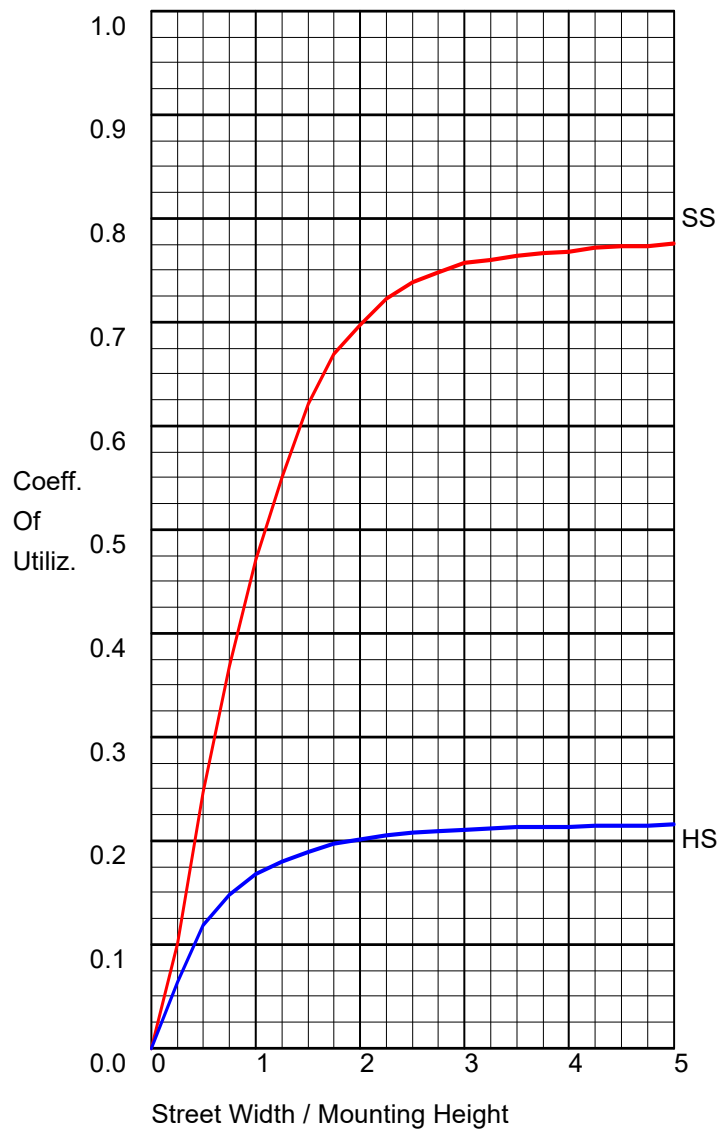
IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	40901.7 (1 lamp)
Total Lamp Lumens	40901.7
Luminaire Lumens	40902
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	290.31
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	22572.961
Maximum Candela Angle	292.5H 71V
Maximum Candela (<90 Degrees Vertical)	22572.961
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	5961.31 (14.6% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	4668.3	11.4	11.4
FM - Front-Medium (30-60)	15785.0	38.6	38.6
FH - Front-High (60-80)	10910.9	26.7	26.7
FVH - Front-Very High (80-90)	658.7	1.6	1.6
BL - Back-Low (0-30)	2381.1	5.8	5.8
BM - Back-Medium (30-60)	4200.7	10.3	10.3
BH - Back-High (60-80)	2134.3	5.2	5.2
BVH - Back-Very High (80-90)	162.8	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	40901.8	100.0	100.0
BUG Rating	B3-U0-G4		

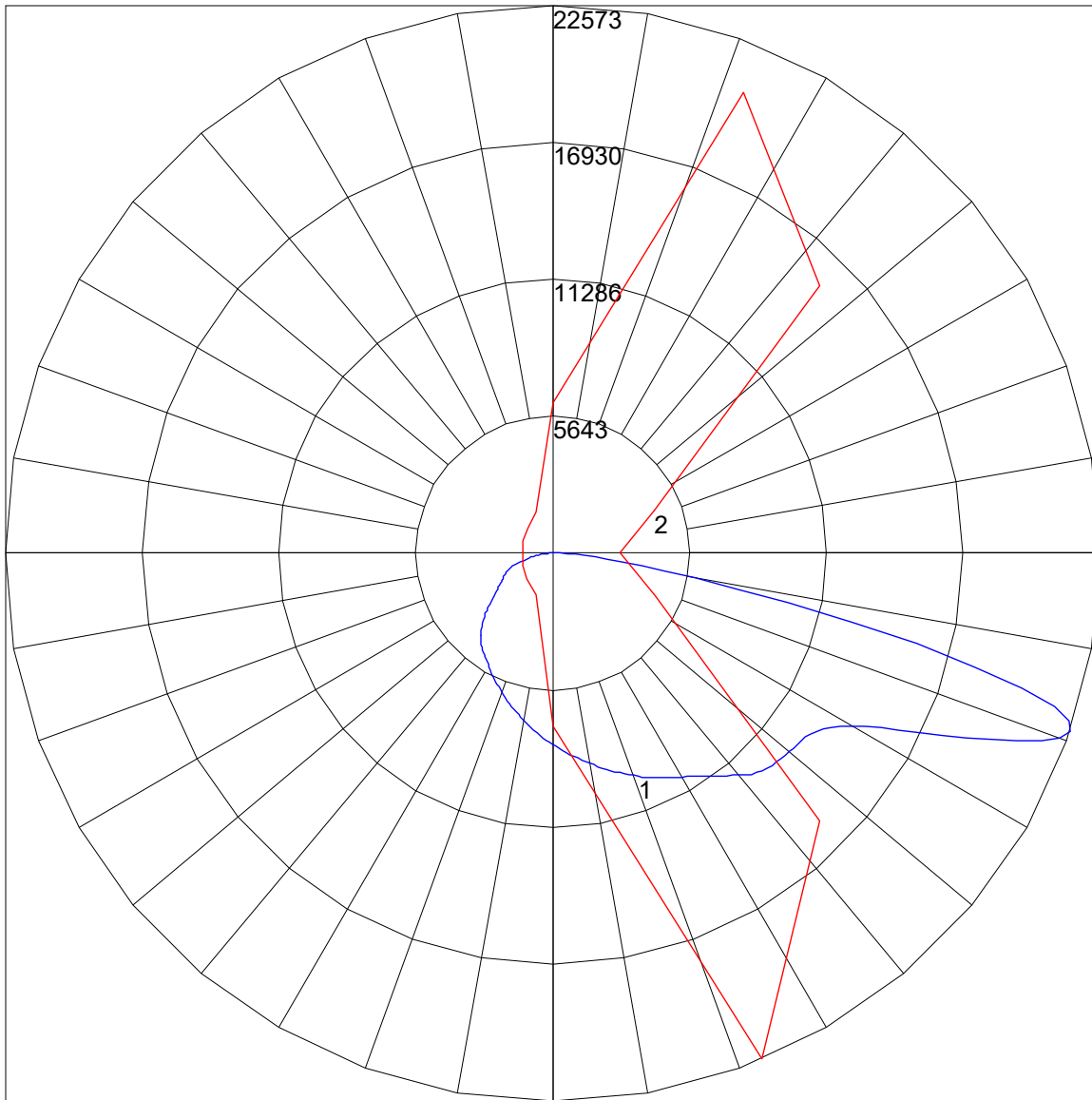
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

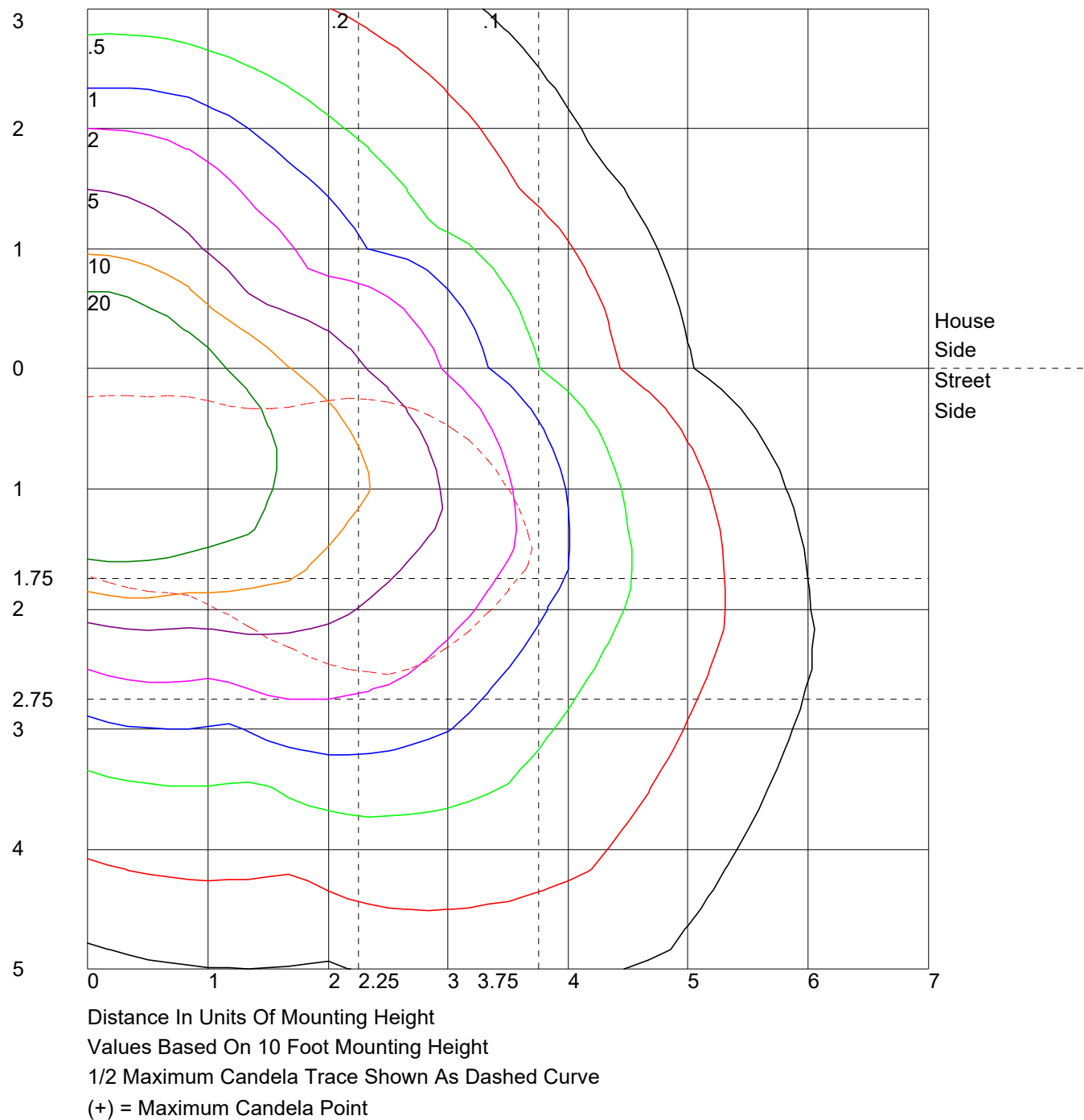
	Lumens	Percent Of Lamp
Downward Street Side	32022.9	78.3
Downward House Side	8878.9	21.7
Downward Total	40901.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	40901.8	100.0

POLAR GRAPH

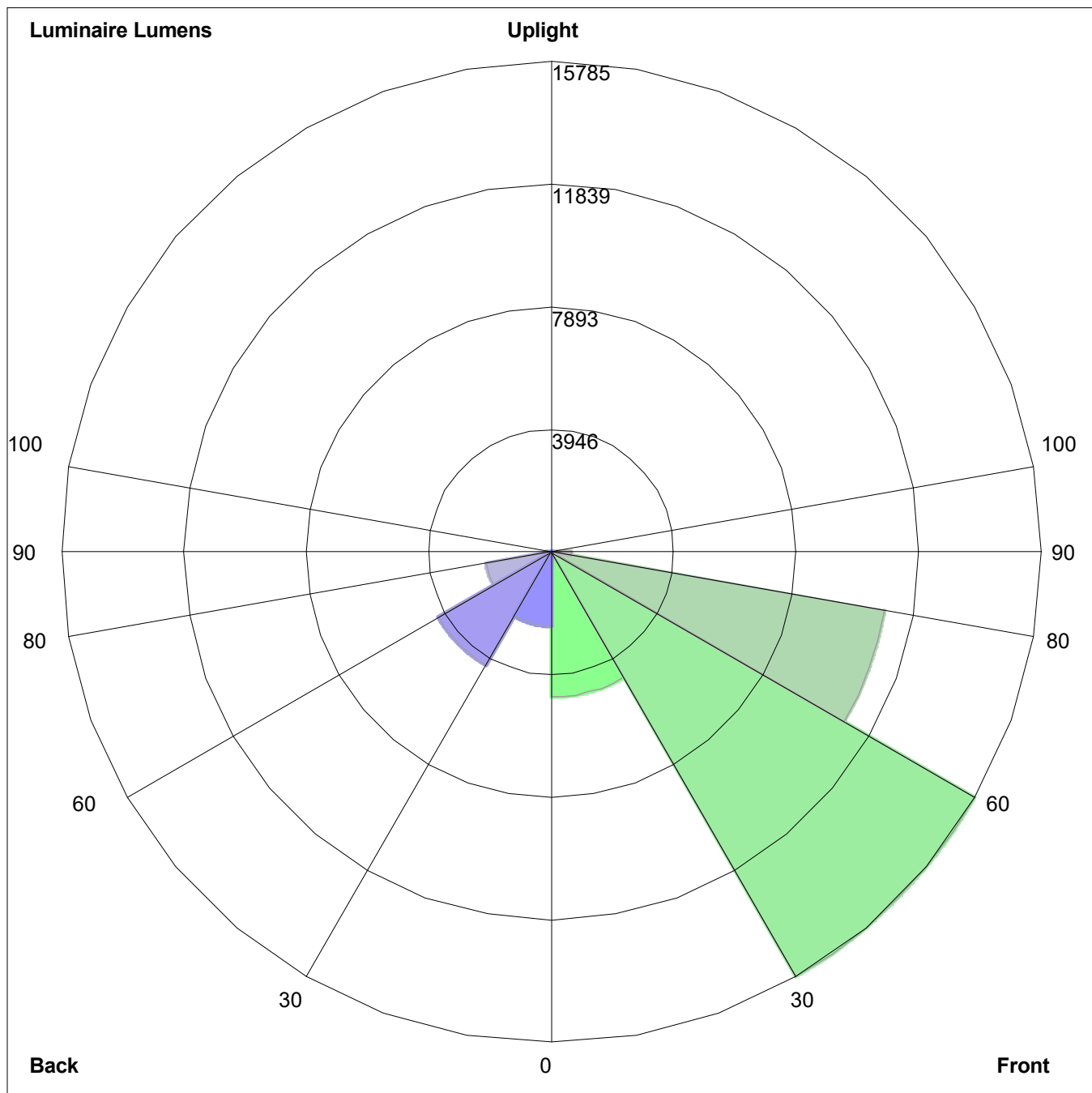


Maximum Candela = 22572.961 Located At Horizontal Angle = 292.5, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=4668.3, Medium= 15785.0, High=10910.9, Very High=658.7
Back: Low=2381.1, Medium=4200.7, High=2134.3, Very High=162.8
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4