



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L MD 3 UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] BLC2010022E-F
[ISSUEDATE] 2020-11-06 08:54
[MANUFAC] LumenFocus, LLC
[LUMCAT] ALK L MD 3 UV 840
[LUMINAIRE] LED Large Area Light
[VOLTAGE] 120.0 V
[CURRENT] 1.756 A
[POWERFACTOR] 0.998
[THD] 4.54
[TESTLAB] Belling Test Laboratory Co., LTD
[TESTINST] GPM-3000
[TESTDIST] 14.040 m [K=1.0000]
[TESTTEMPERATURE] 25.8 °C
[TESTHUMIDITY]
[TESTOPERATOR]

CHARACTERISTICS

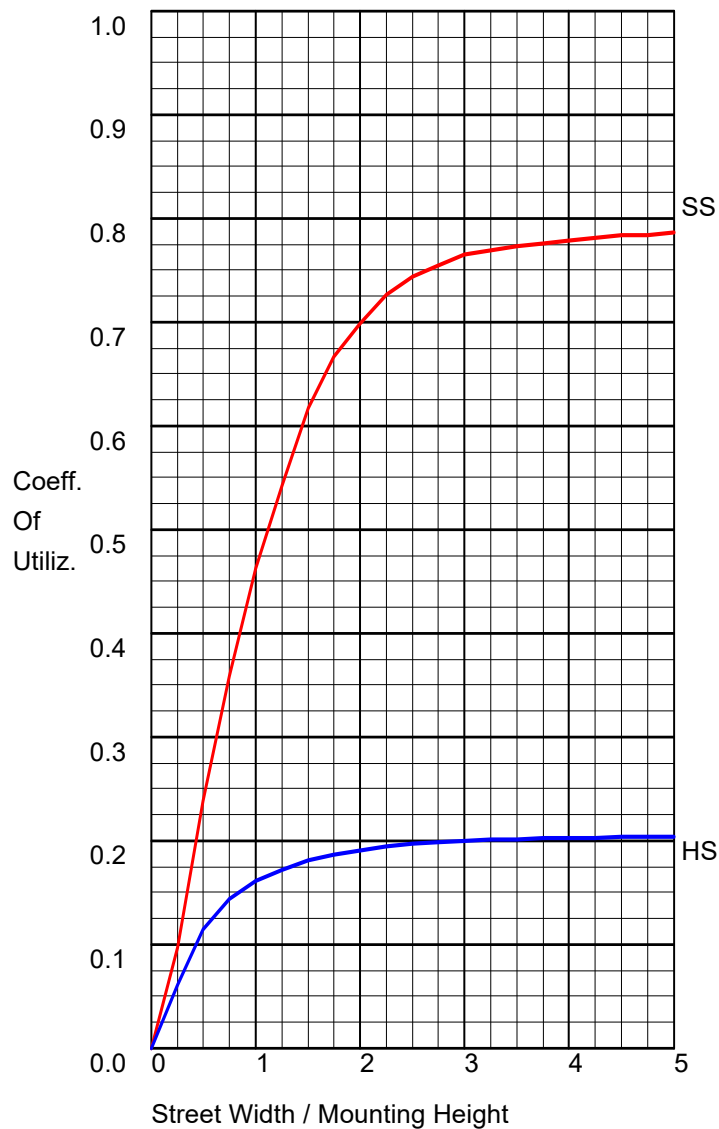
IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	29587.8 (1 lamp)
Total Lamp Lumens	29587.8
Luminaire Lumens	29588
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	209.69
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	16516.881
Maximum Candela Angle	292.5H 72V
Maximum Candela (<90 Degrees Vertical)	16516.881
Maximum Candela Angle (<90 Degrees Vertical)	292.5H 72V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4825.38 (16.3% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3279.3	11.1	11.1
FM - Front-Medium (30-60)	11304.9	38.2	38.2
FH - Front-High (60-80)	8383.1	28.3	28.3
FVH - Front-Very High (80-90)	537.9	1.8	1.8
BL - Back-Low (0-30)	1663.1	5.6	5.6
BM - Back-Medium (30-60)	2807.1	9.5	9.5
BH - Back-High (60-80)	1494.7	5.1	5.1
BVH - Back-Very High (80-90)	117.7	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	29587.9	100.0	100.0
BUG Rating	B3-U0-G4		

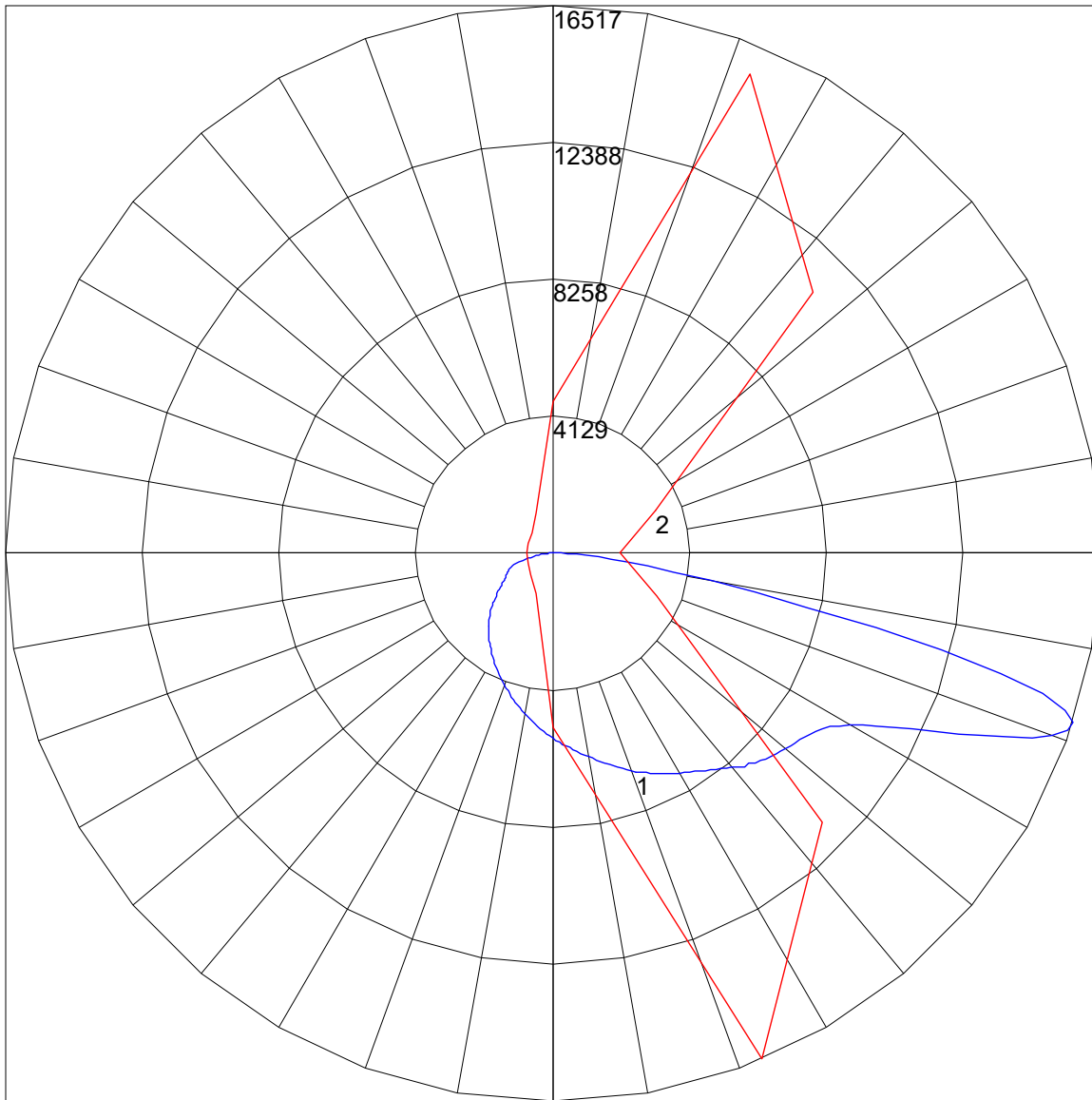
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

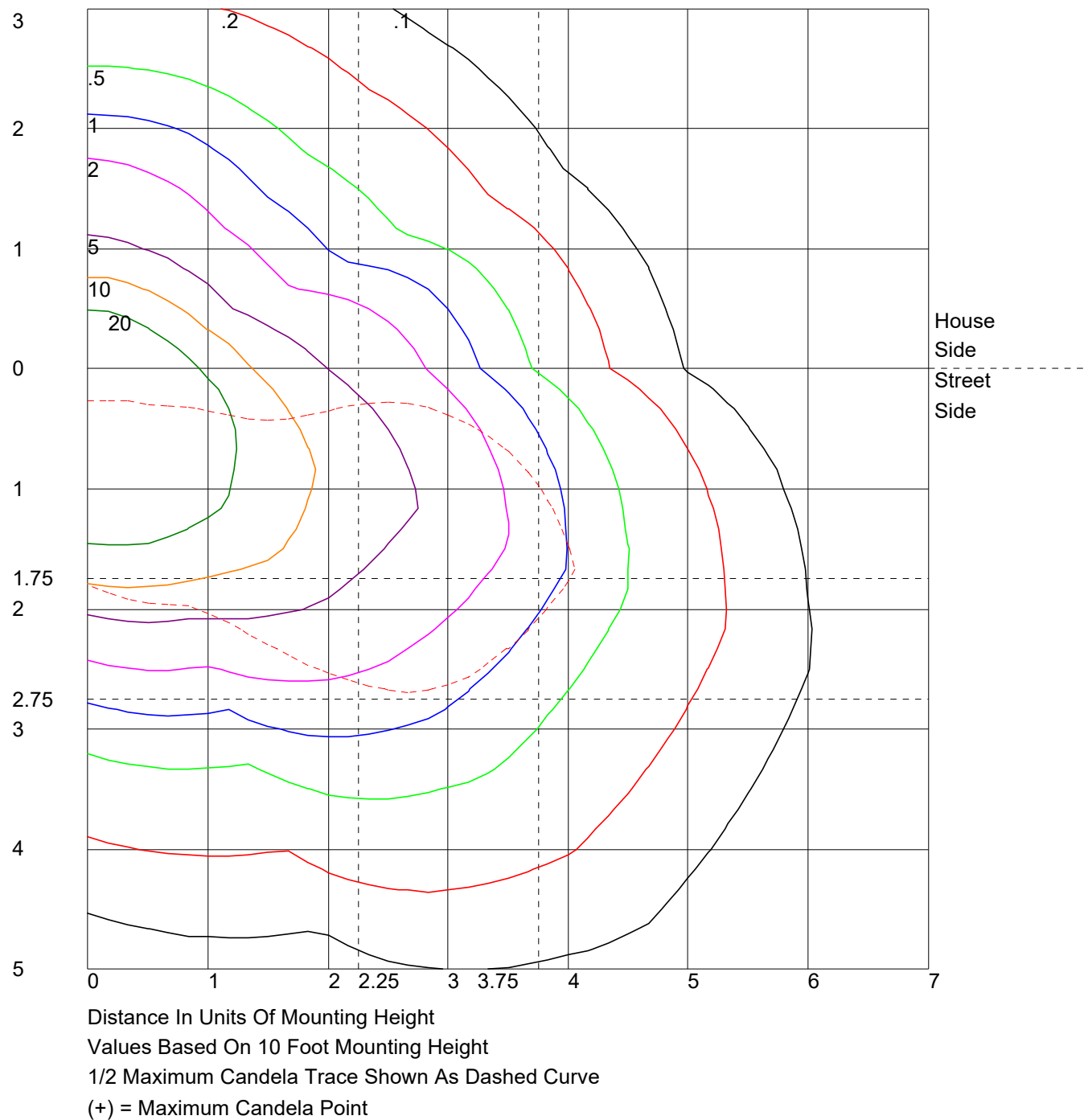
	Lumens	Percent Of Lamp
Downward Street Side	23505.2	79.4
Downward House Side	6082.6	20.6
Downward Total	29587.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	29587.8	100.0

POLAR GRAPH

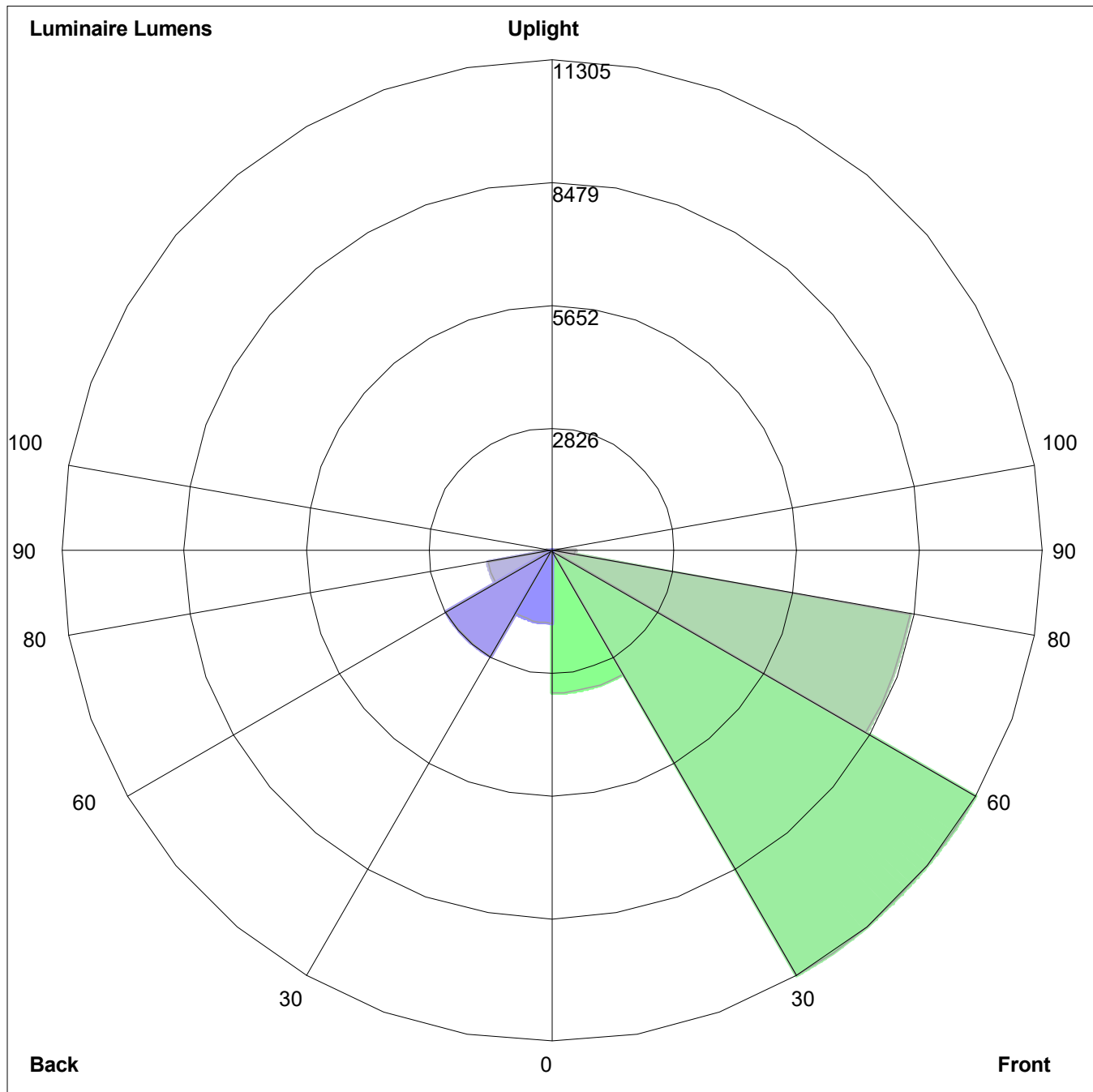


Maximum Candela = 16516.881 Located At Horizontal Angle = 292.5, Vertical Angle = 72
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (72) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=3279.3, Medium=11304.9, High=8383.1, Very High=537.9
Back: Low=1663.1, Medium=2807.1, High=1494.7, Very High=117.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4