



IES ROAD REPORT

PHOTOMETRIC FILENAME : ALK L MD 3 UV 850.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 850
[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

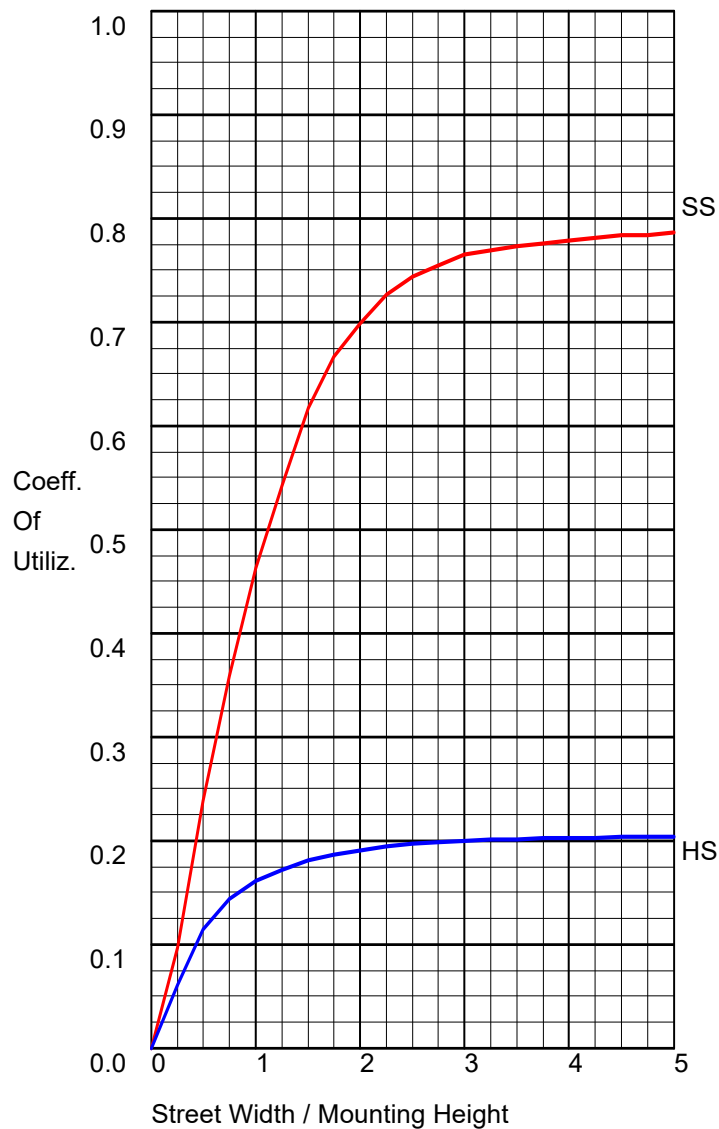
IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	30327.49 (1 lamp)
Total Lamp Lumens	30327.49
Luminaire Lumens	30327
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	209.69
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	16929.803
Maximum Candela Angle	292.5H 72V
Maximum Candela (<90 Degrees Vertical)	16929.803
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	4946.014 (16.3% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3361.3	11.1	11.1
FM - Front-Medium (30-60)	11587.5	38.2	38.2
FH - Front-High (60-80)	8592.7	28.3	28.3
FVH - Front-Very High (80-90)	551.4	1.8	1.8
BL - Back-Low (0-30)	1704.6	5.6	5.6
BM - Back-Medium (30-60)	2877.3	9.5	9.5
BH - Back-High (60-80)	1532.0	5.1	5.1
BVH - Back-Very High (80-90)	120.6	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	30327.4	100.0	100.0
BUG Rating	B3-U0-G4		

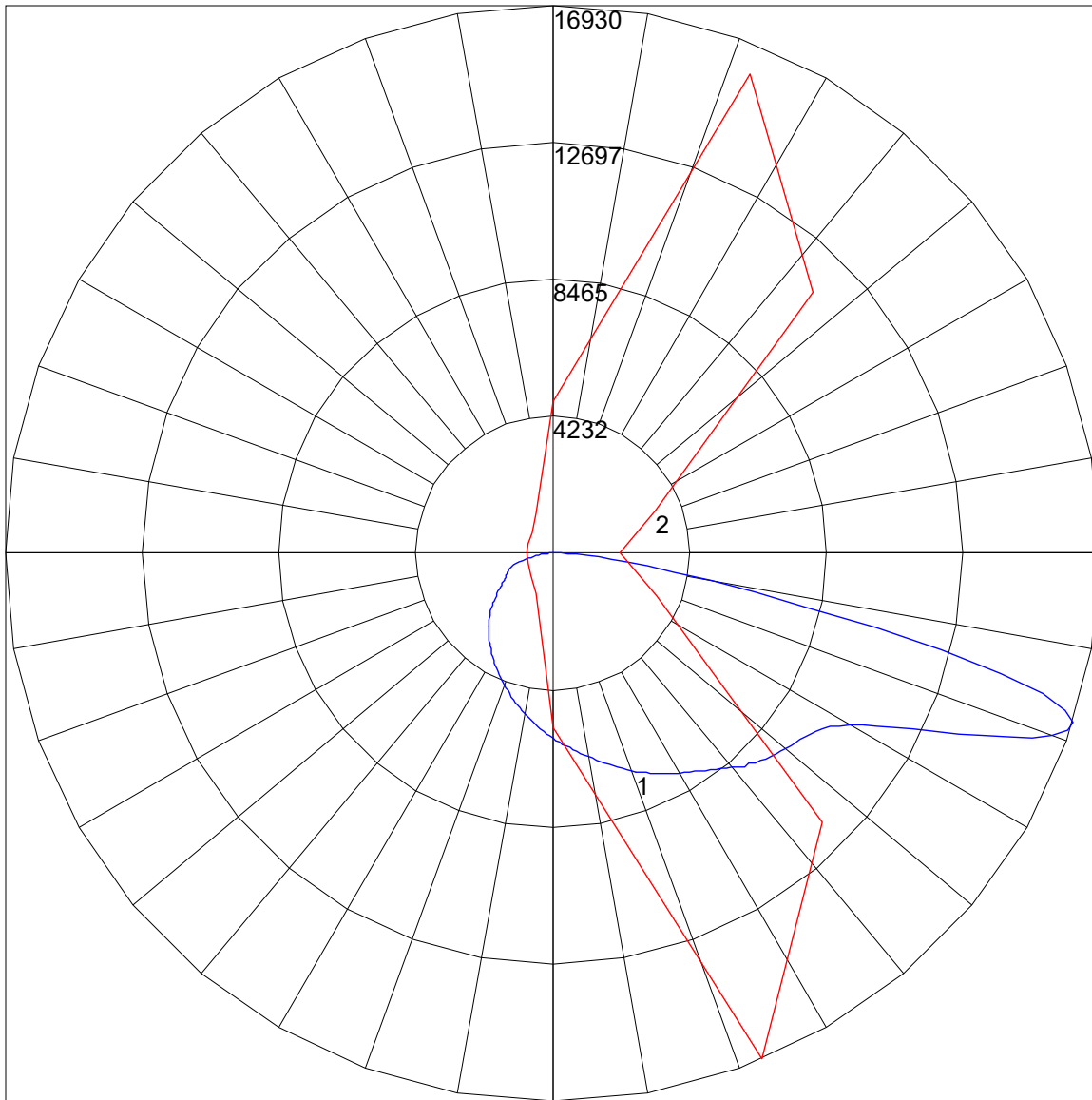
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

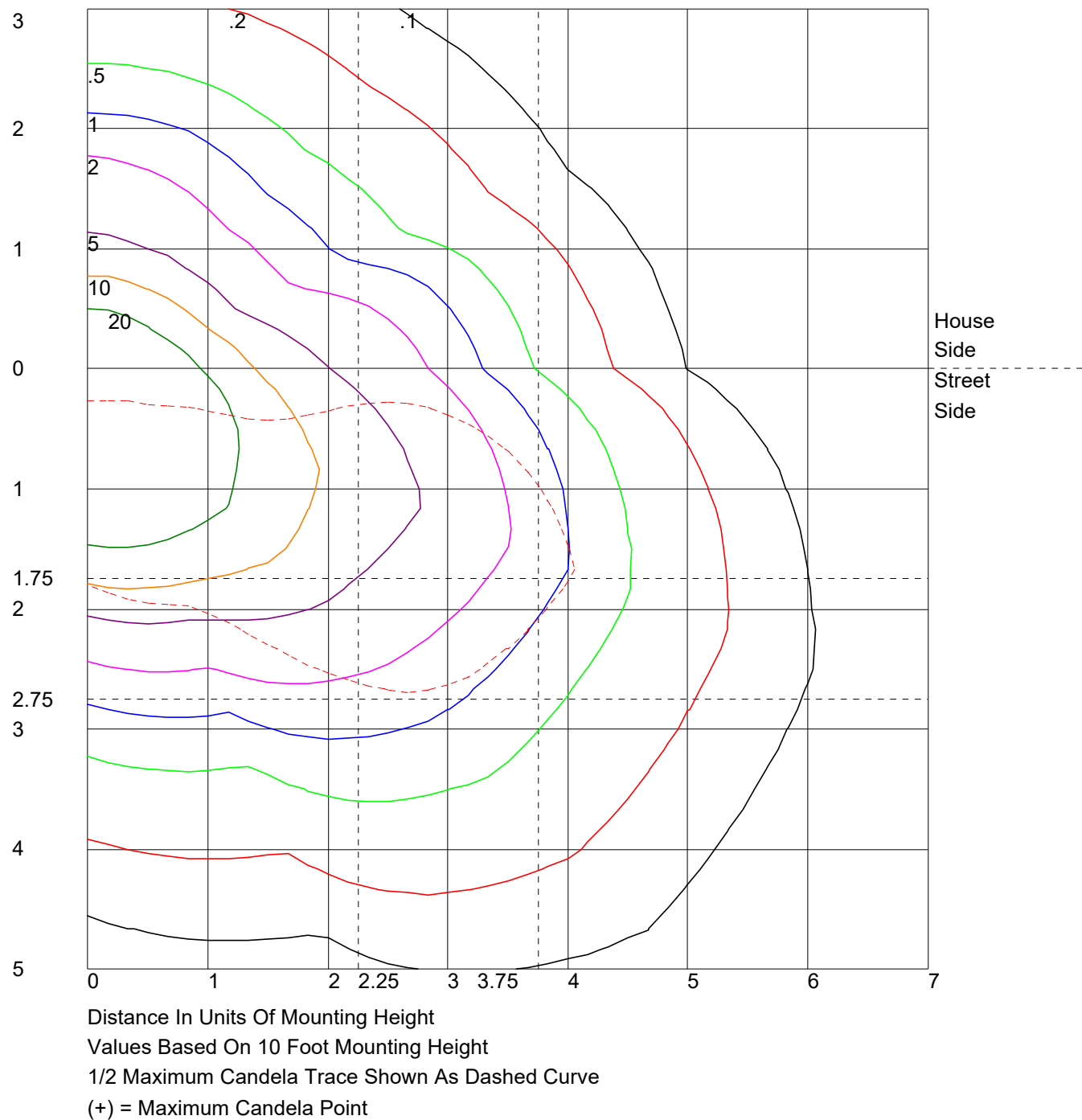
	Lumens	Percent Of Lamp
Downward Street Side	24092.8	79.4
Downward House Side	6234.7	20.6
Downward Total	30327.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30327.5	100.0

POLAR GRAPH

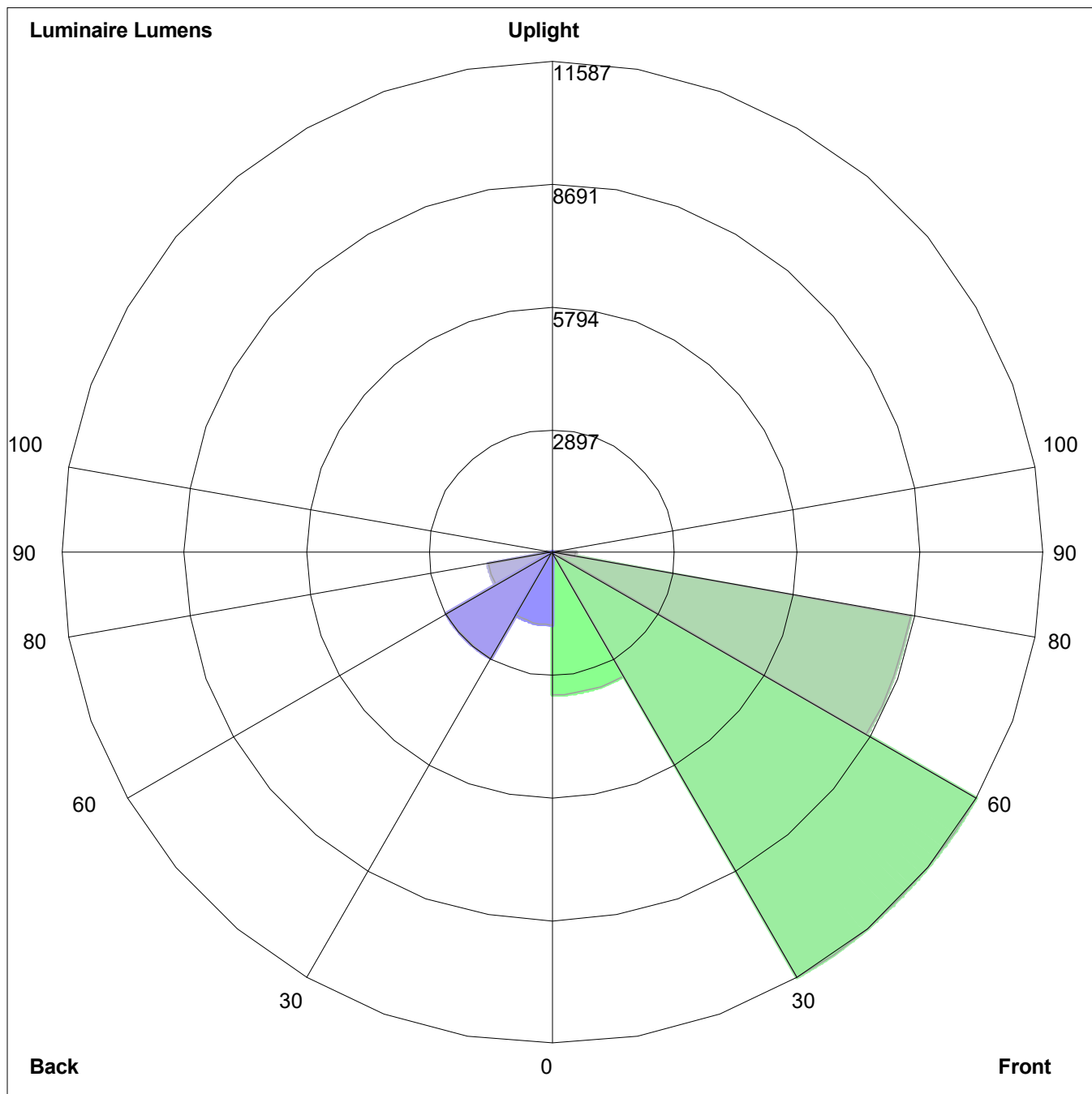


Maximum Candela = 16929.803 Located At Horizontal Angle = 292.5, Vertical Angle = 72
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (72) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=3361.3, Medium=11587.5, High=8592.7, Very High=551.4
Back: Low=1704.6, Medium=2877.3, High= 1532.0, Very High=120.6
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4