



IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK M MD F UV TBG 8SEL [5000K].IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[ISSUEDATE] 2020-7-6 16:20

[MANUFAC] LumenFocus, LLC.

[LUMCAT] WPK M MD F UV TBG 8SEL [5000K]

[LUMINAIRE] LED Traditional Wall Pack

[TESTLAB] Belling Test Laboratory Co., LTD

[_TESTINST] GPM-3000

[_TESTDIST] 14.040 m [K=1.0000]

[_TESTTEMPERATURE] 27.9 'C

[_TESTHUMIDITY]

[_TESTOPERATOR]

[BALLAST]

[BALLASTCAT]

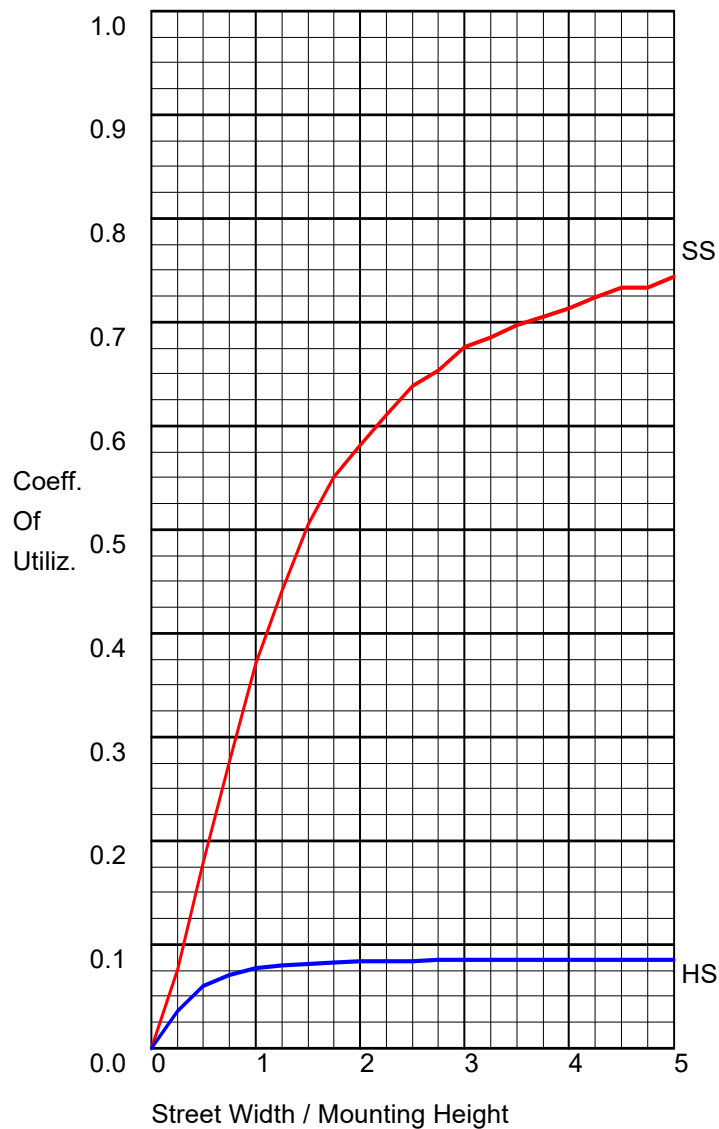
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	7456.503 (1 lamp)
Total Lamp Lumens	7456.503
Luminaire Lumens	7456
Downward Total Efficiency	91 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.09
Maximum Candela	3964.999
Maximum Candela Angle	360H 56V
Maximum Candela (<90 Degrees Vertical)	3964.999
Maximum Candela Angle (<90 Degrees Vertical)	360H 56V
Maximum Candela At 90 Degrees Vertical	1359.976 (18.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2593.716 (34.8% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

IES ROAD REPORT**PHOTOMETRIC FILENAME : WPK M MD F UV TBG 8SEL [5000K].IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	746.9	10.0	10.0
FM - Front-Medium (30-60)	2680.2	35.9	35.9
FH - Front-High (60-80)	2015.8	27.0	27.0
FVH - Front-Very High (80-90)	669.8	9.0	9.0
BL - Back-Low (0-30)	244.9	3.3	3.3
BM - Back-Medium (30-60)	298.9	4.0	4.0
BH - Back-High (60-80)	81.3	1.1	1.1
BVH - Back-Very High (80-90)	15.4	0.2	0.2
UL - Uplight-Low (90-100)	318.9	4.3	4.3
UH - Uplight-High (100-180)	384.3	5.2	5.2
Total	7456.4	100.0	100.0
BUG Rating	B1-U3-G4		

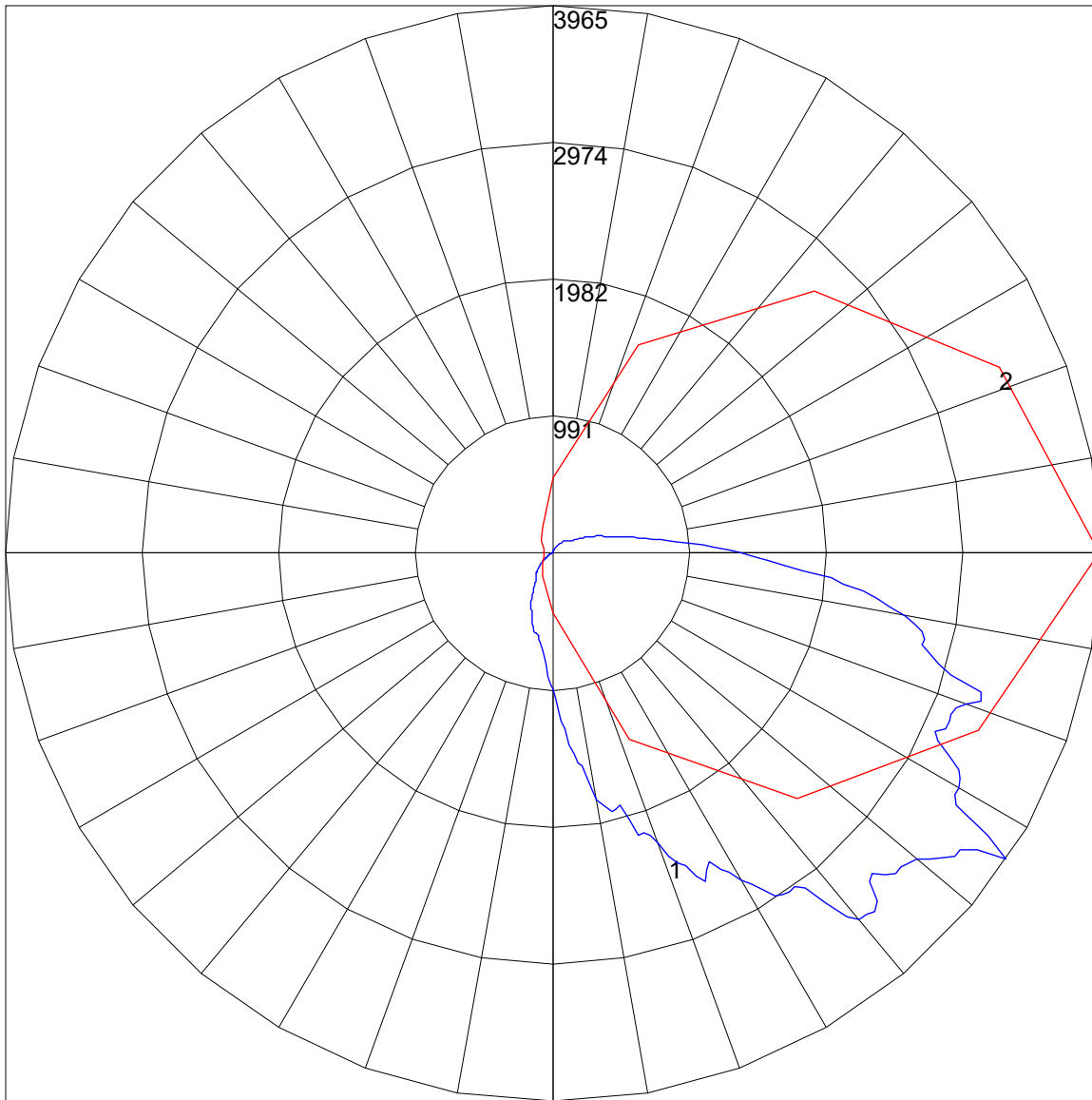
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

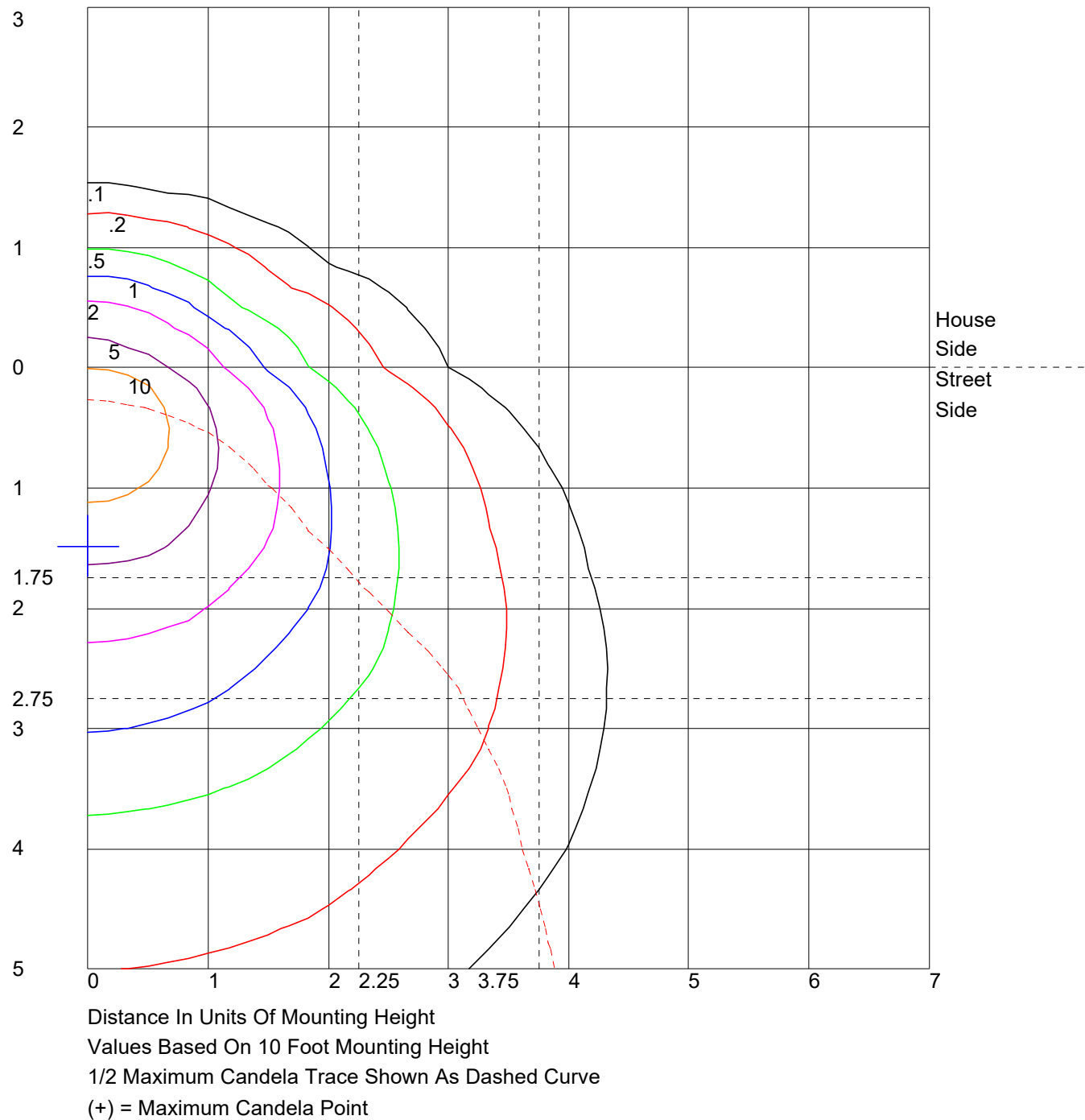
	Lumens	Percent Of Lamp
Downward Street Side	6112.8	82.0
Downward House Side	640.5	8.6
Downward Total	6753.3	90.6
Upward Street Side	668.8	9.0
Upward House Side	34.4	0.5
Upward Total	703.2	9.4
Total Flux	7456.5	100.0

POLAR GRAPH

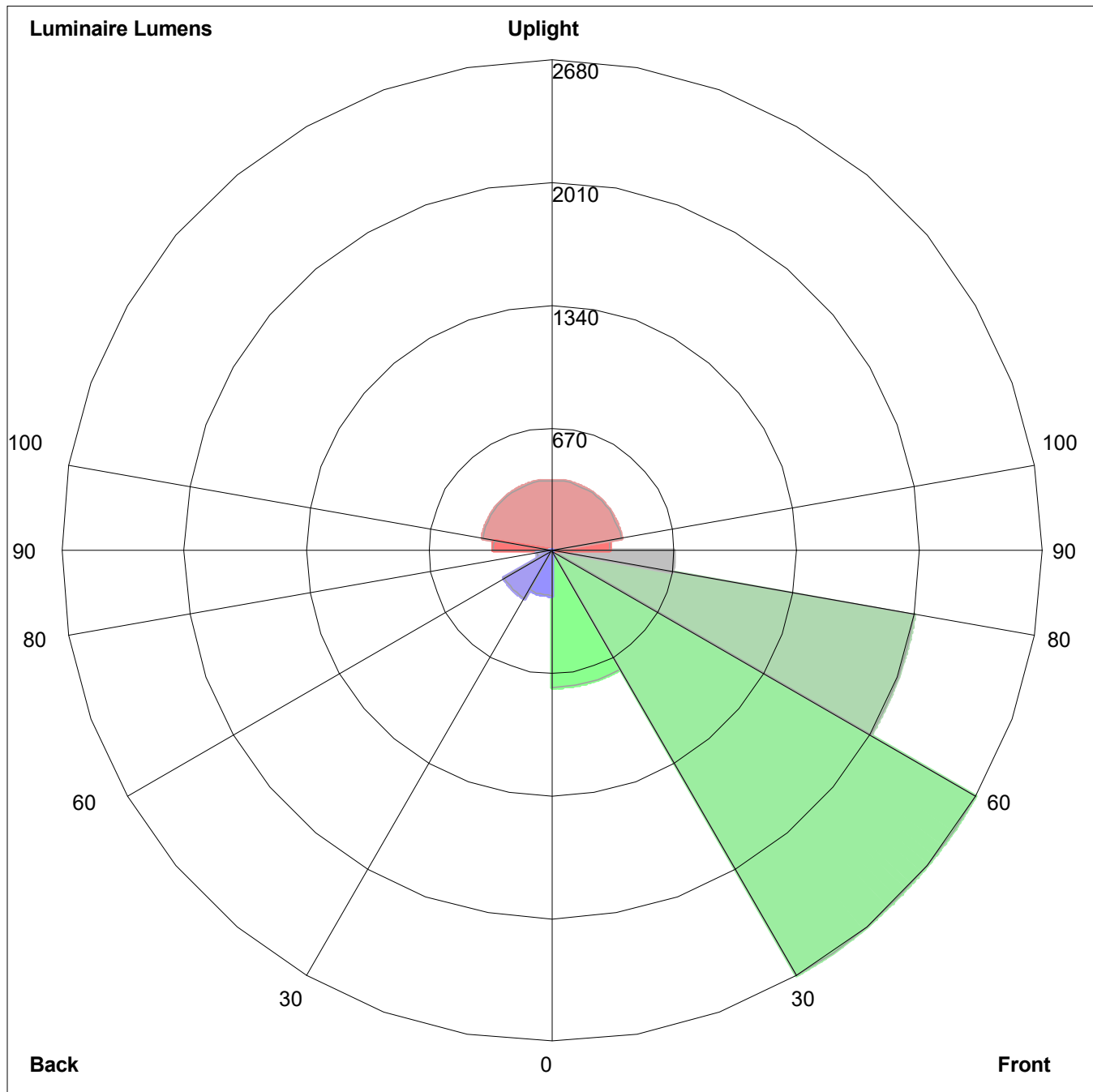


Maximum Candela = 3964.999 Located At Horizontal Angle = 360, Vertical Angle = 56
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (56) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=746.9, Medium=2680.2, High=2015.8, Very High=669.8
Back: Low=244.9, Medium=298.9, High=81.3, Very High=15.4
Uplight: Low=318.9, High=384.3

BUG Rating : B1-U3-G4