



## IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK M LW F UV TBG 8SEL [3000K].IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST]  
[ISSUEDATE] 2020-7-6 14:21  
[MANUFAC] LumenFocus, LLC.  
[LUMCAT] WPK M LW F UV TBG 8SEL [3000K]  
[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]

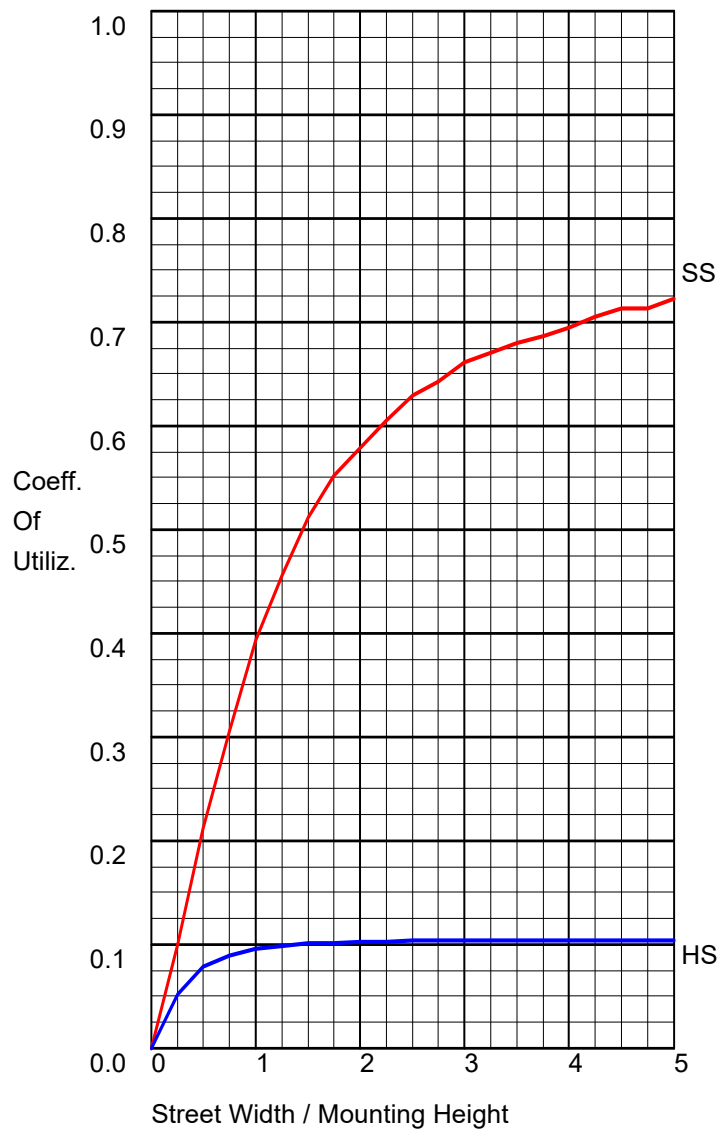
### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	4832.9 (1 lamp)
Total Lamp Lumens	4832.9
Luminaire Lumens	4833
Downward Total Efficiency	90 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	34.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.10
Maximum Candela	2118.13
Maximum Candela Angle	360H 57V
Maximum Candela (<90 Degrees Vertical)	2118.13
Maximum Candela Angle (<90 Degrees Vertical)	360H 57V
Maximum Candela At 90 Degrees Vertical	918.15 (19.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1533.18 (31.7% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

**IES ROAD REPORT****PHOTOMETRIC FILENAME : WPK M LW F UV TBG 8SEL [3000K].IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	591.1	12.2	12.2
FM - Front-Medium (30-60)	1672.5	34.6	34.6
FH - Front-High (60-80)	1165.5	24.1	24.1
FVH - Front-Very High (80-90)	415.8	8.6	8.6
BL - Back-Low (0-30)	210.4	4.4	4.4
BM - Back-Medium (30-60)	227.2	4.7	4.7
BH - Back-High (60-80)	58.9	1.2	1.2
BVH - Back-Very High (80-90)	10.4	0.2	0.2
UL - Uplight-Low (90-100)	214.6	4.4	4.4
UH - Uplight-High (100-180)	266.5	5.5	5.5
Total	4832.9	99.9	100.0
BUG Rating	B1-U3-G3		

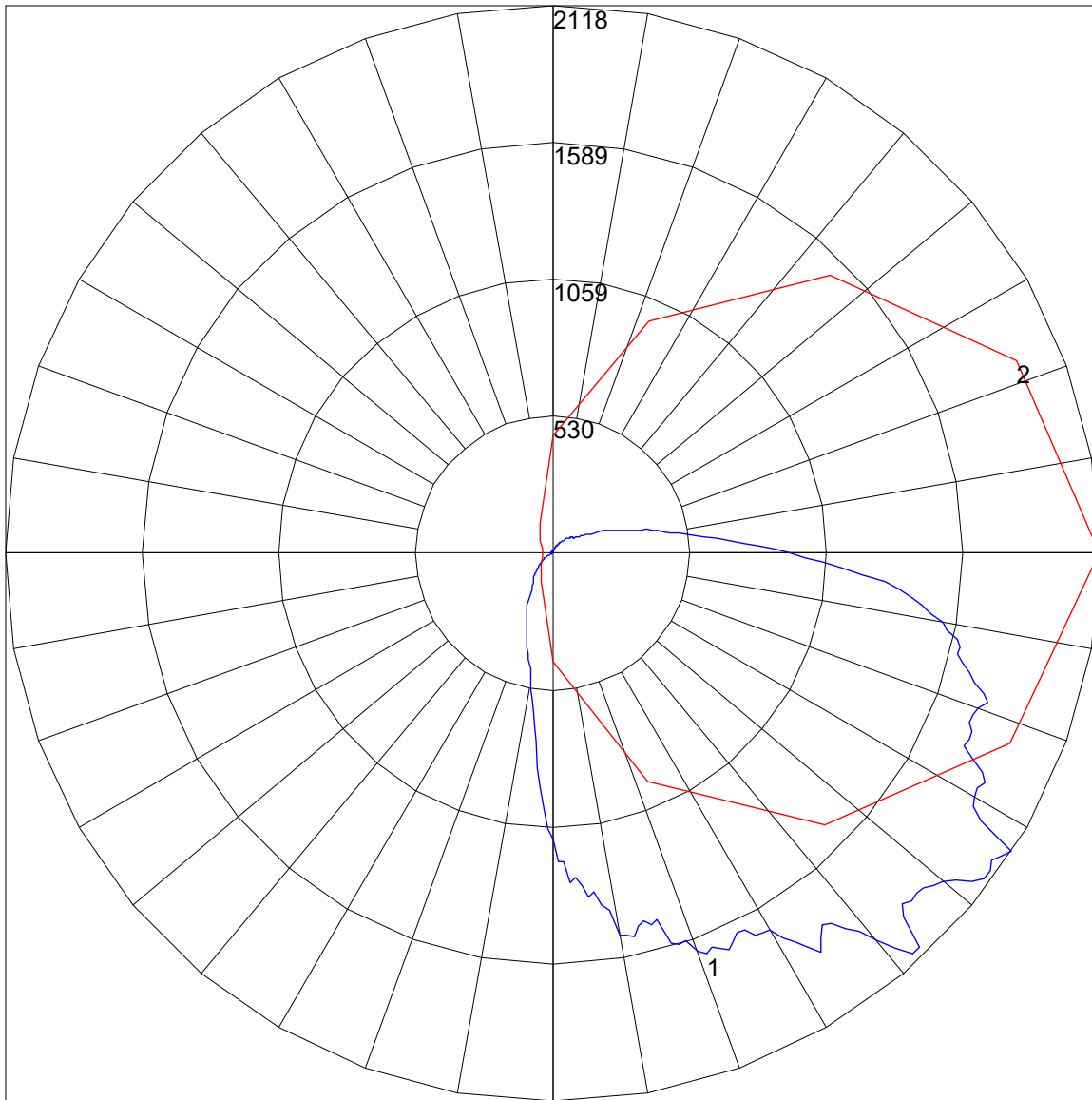
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

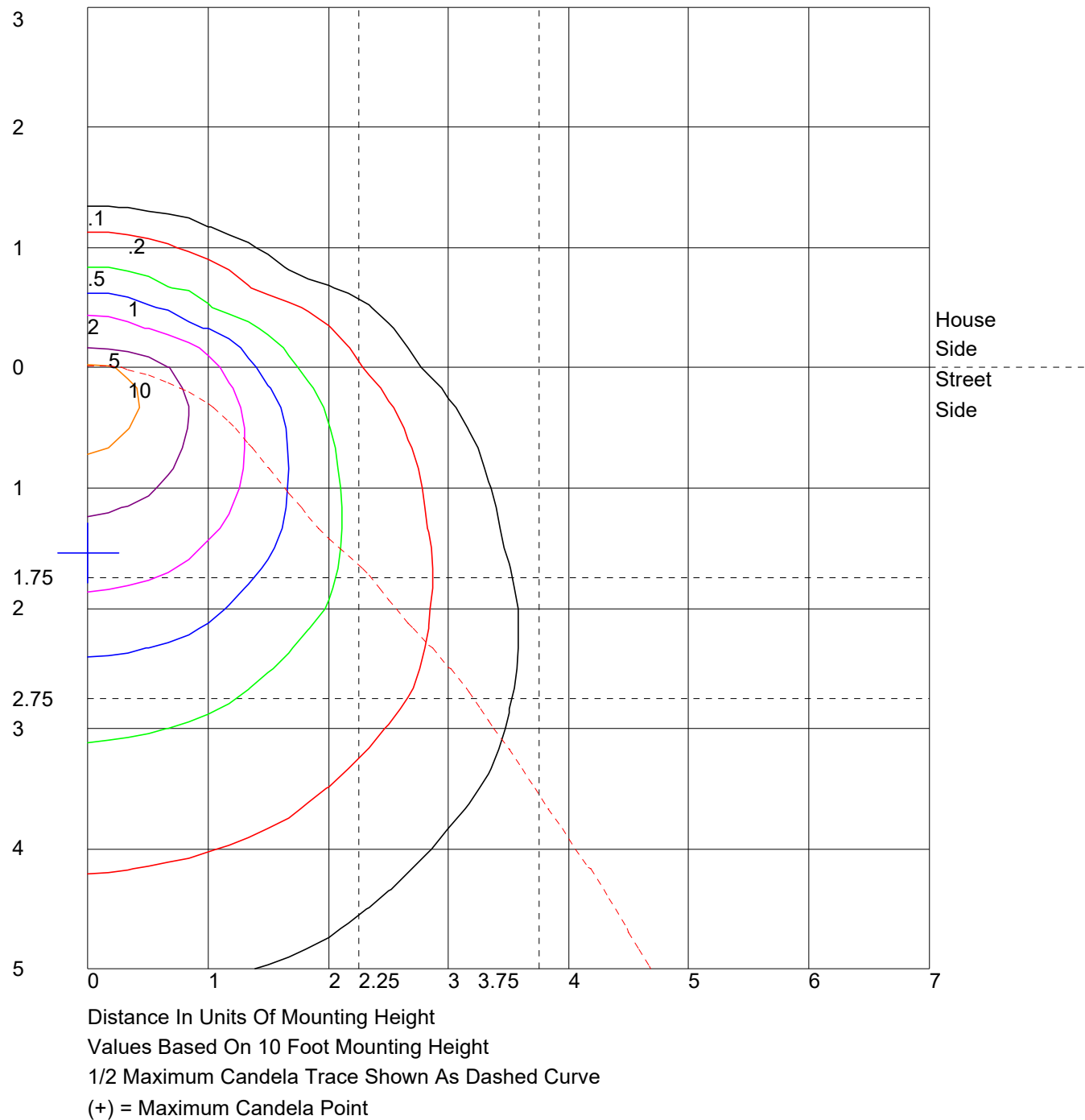
	Lumens	Percent Of Lamp
Downward Street Side	3844.9	79.6
Downward House Side	507.0	10.5
Downward Total	4351.8	90.0
Upward Street Side	455.7	9.4
Upward House Side	25.3	0.5
Upward Total	481.0	10.0
Total Flux	4832.8	100.0

POLAR GRAPH

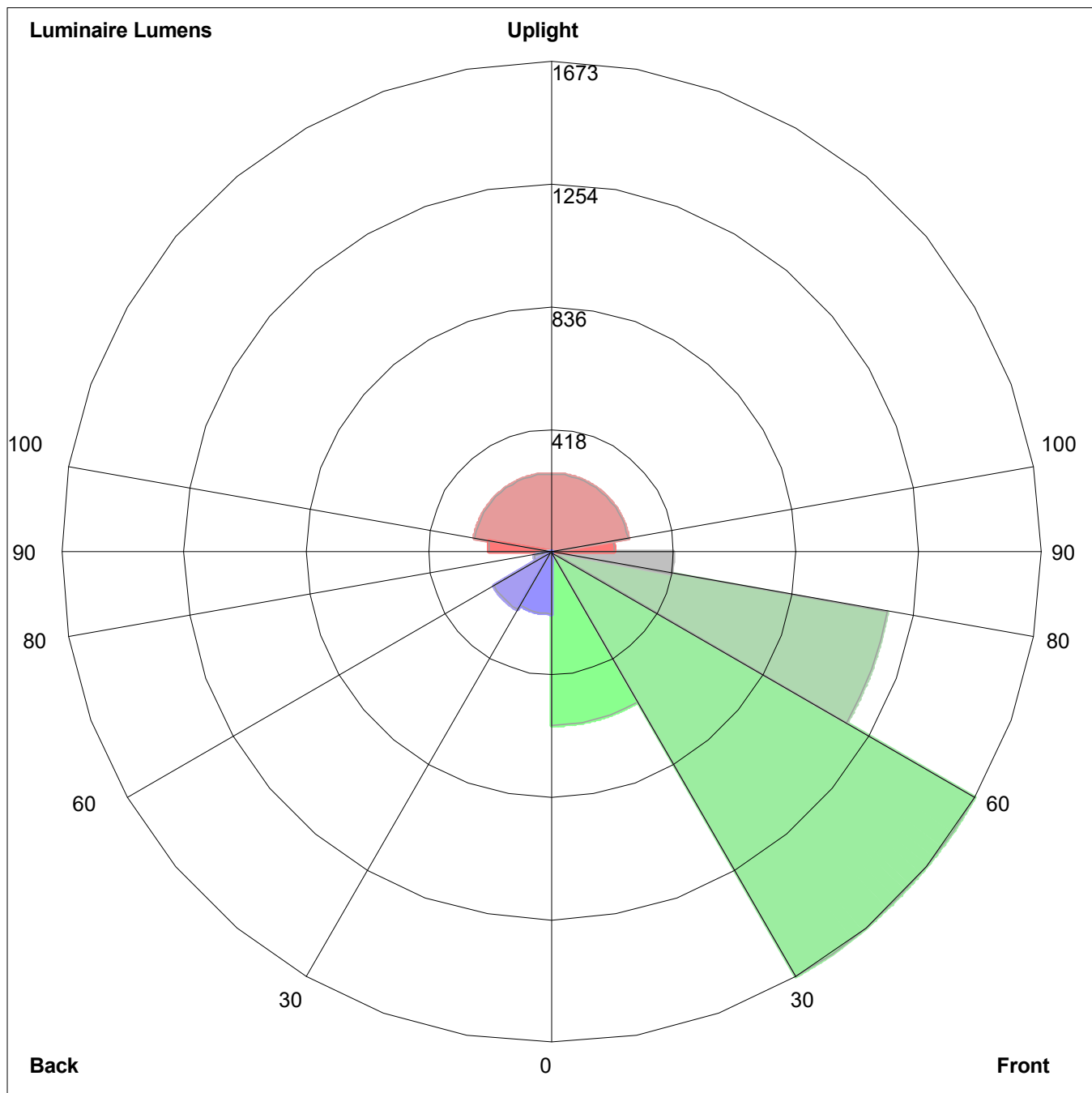


Maximum Candela = 2118.13 Located At Horizontal Angle = 360, Vertical Angle = 57  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (57) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=591.1, Medium=1672.5, High=1165.5, Very High=415.8  
Back: Low=210.4, Medium=227.2, High=58.9, Very High=10.4  
Uplight: Low=214.6, High=266.5

BUG Rating : B1-U3-G3