



## IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK L VH F UV TBG 8SEL [3000K].IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[ISSUEDATE] 2020-6-23 09:01

[MANUFAC] LumenFocus, LLC.

[LUMCAT] WPK L VH 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] 30.8 °C

[\_TESTHUMIDITY]

[\_TESTOPERATOR]

[BALLAST]

[BALLASTCAT]

### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	16651.3 (1 lamp)
Total Lamp Lumens	16651.3
Luminaire Lumens	16651
Downward Total Efficiency	89 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	121.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Maximum Candela	6194.74
Maximum Candela Angle	360H 40V
Maximum Candela (<90 Degrees Vertical)	6194.74
Maximum Candela Angle (<90 Degrees Vertical)	360H 40V
Maximum Candela At 90 Degrees Vertical	3527.5 (21.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4234.74 (25.4% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

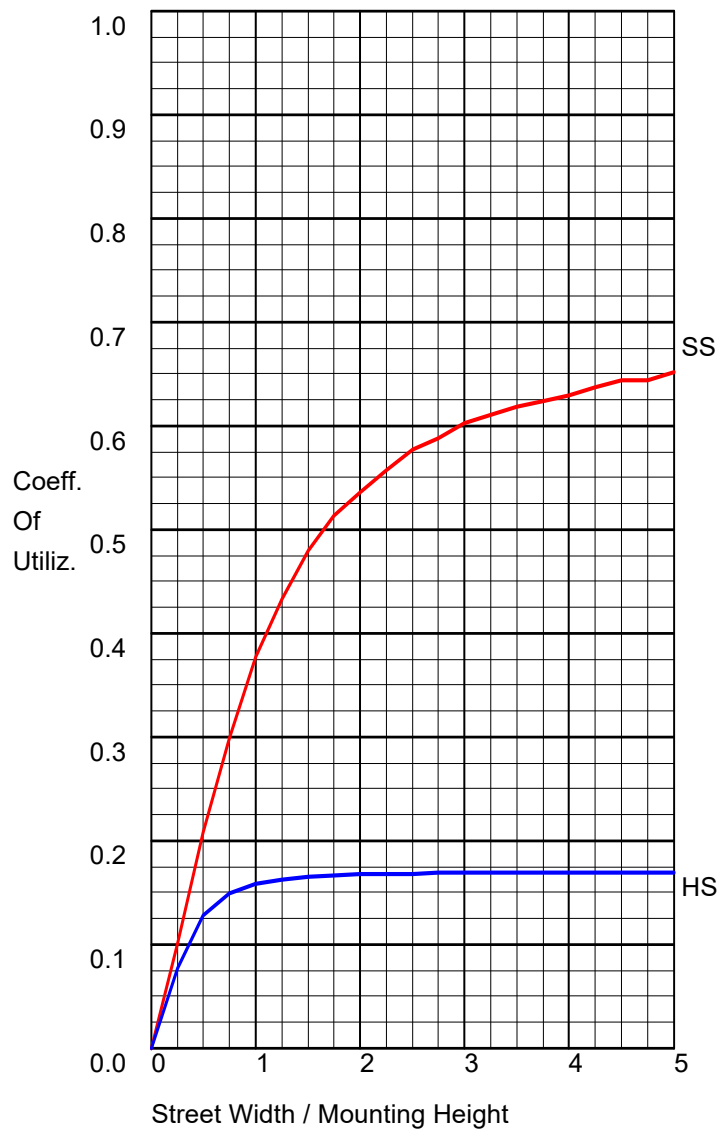


**IES ROAD REPORT****PHOTOMETRIC FILENAME : WPK L VH F UV TBG 8SEL [3000K].IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1998.3	12.0	12.0
FM - Front-Medium (30-60)	5311.6	31.9	31.9
FH - Front-High (60-80)	3365.0	20.2	20.2
FVH - Front-Very High (80-90)	1257.2	7.5	7.5
BL - Back-Low (0-30)	1279.8	7.7	7.7
BM - Back-Medium (30-60)	1273.2	7.6	7.6
BH - Back-High (60-80)	249.7	1.5	1.5
BVH - Back-Very High (80-90)	39.1	0.2	0.2
UL - Uplight-Low (90-100)	898.5	5.4	5.4
UH - Uplight-High (100-180)	978.9	5.9	5.9
Total	16651.3	99.9	100.0
BUG Rating	B3-U4-G5		



COEFFICIENTS OF UTILIZATION

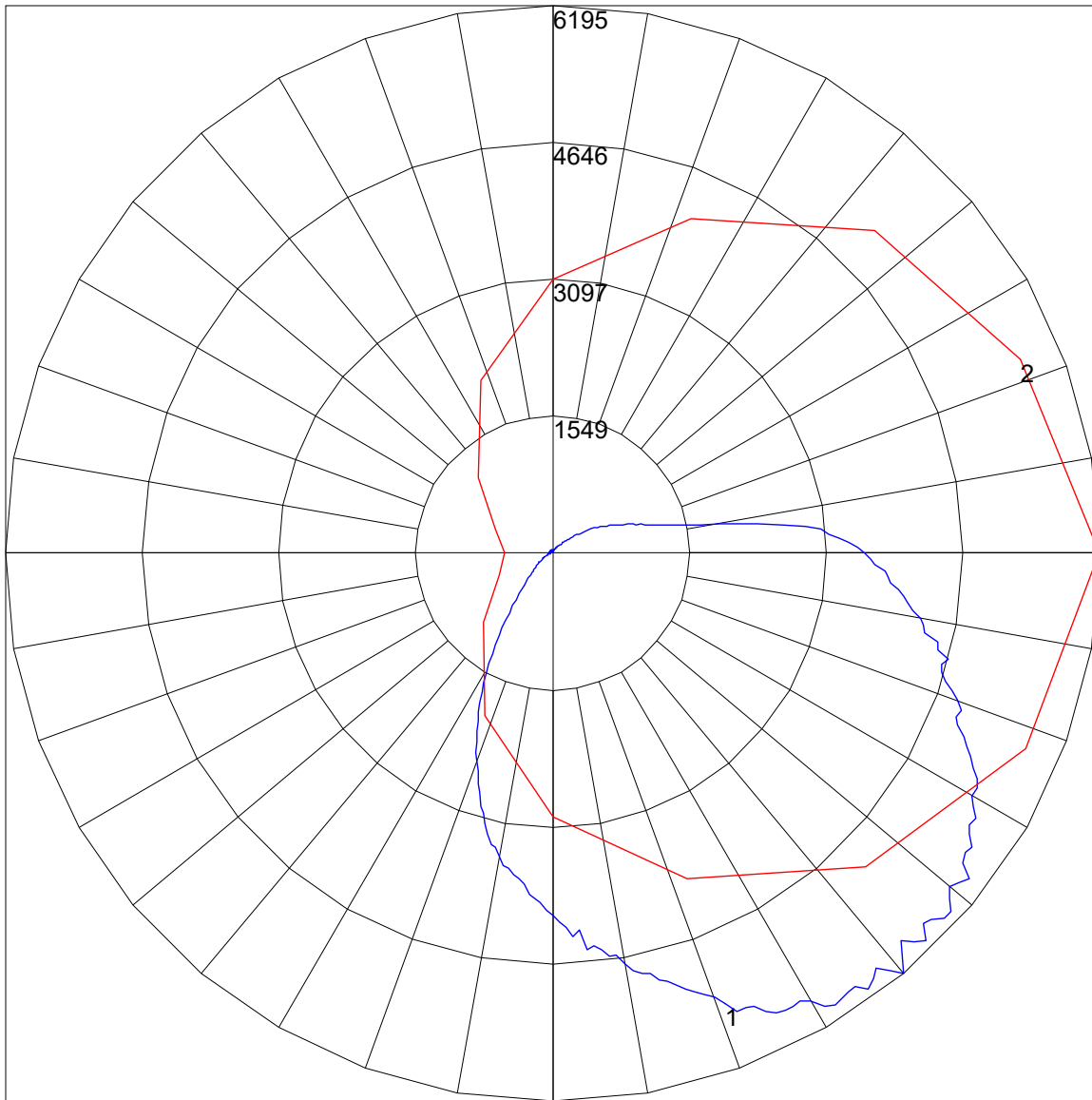


FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	11932.1	71.7
Downward House Side	2841.8	17.1
Downward Total	14773.9	88.7
Upward Street Side	1761.4	10.6
Upward House Side	116.0	0.7
Upward Total	1877.4	11.3
Total Flux	16651.3	100.0



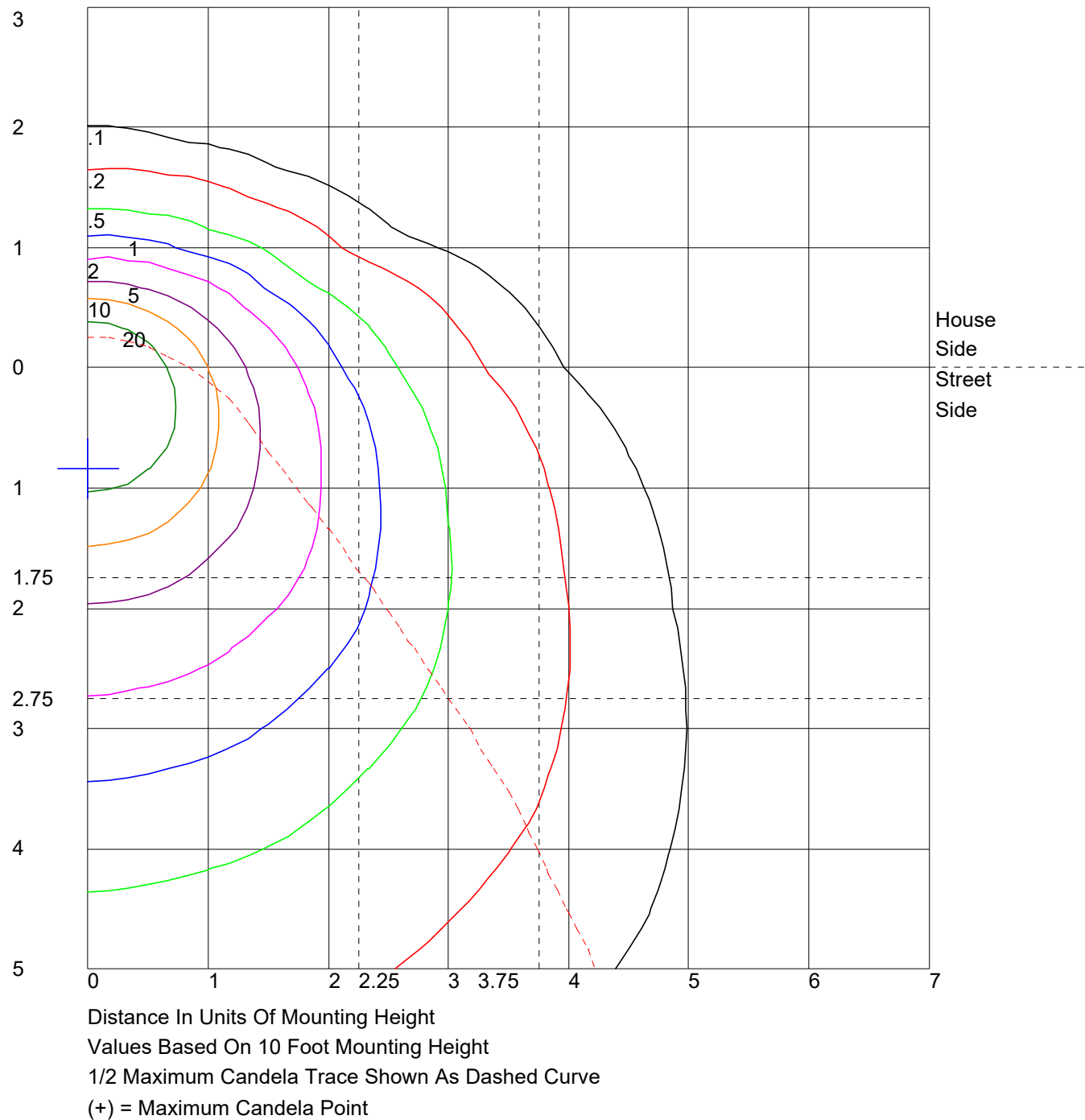
POLAR GRAPH



Maximum Candela = 6194.74 Located At Horizontal Angle = 360, Vertical Angle = 40  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

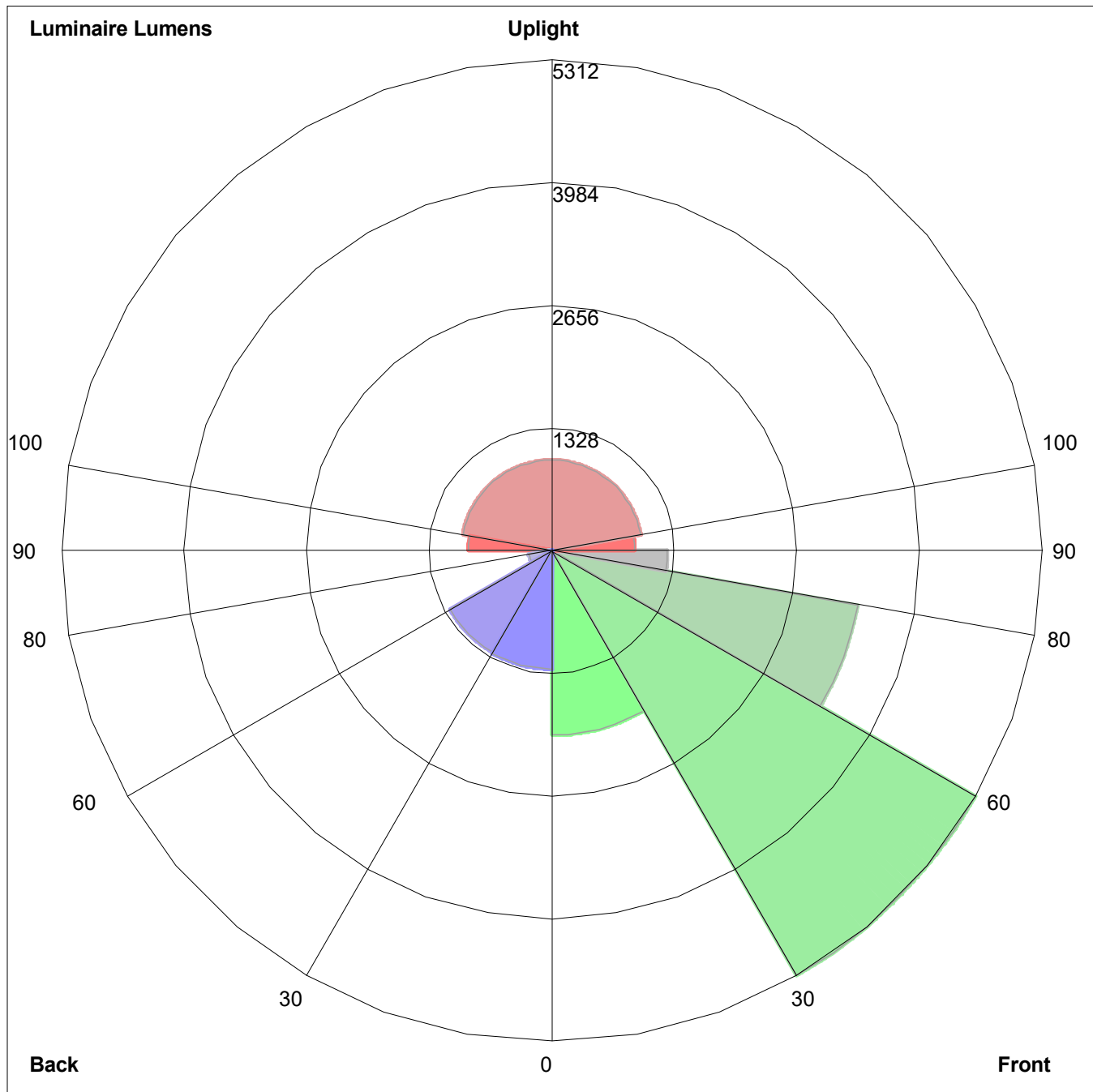


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE





LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1998.3, Medium=5311.6, High= 3365.0, Very High=1257.2  
Back: Low=1279.8, Medium=1273.2, High=249.7, Very High=39.1  
Uplight: Low=898.5, High=978.9

BUG Rating : B3-U4-G5