



IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK L VH F UV TBG 8SEL [5000K].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 [5000K]

[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]

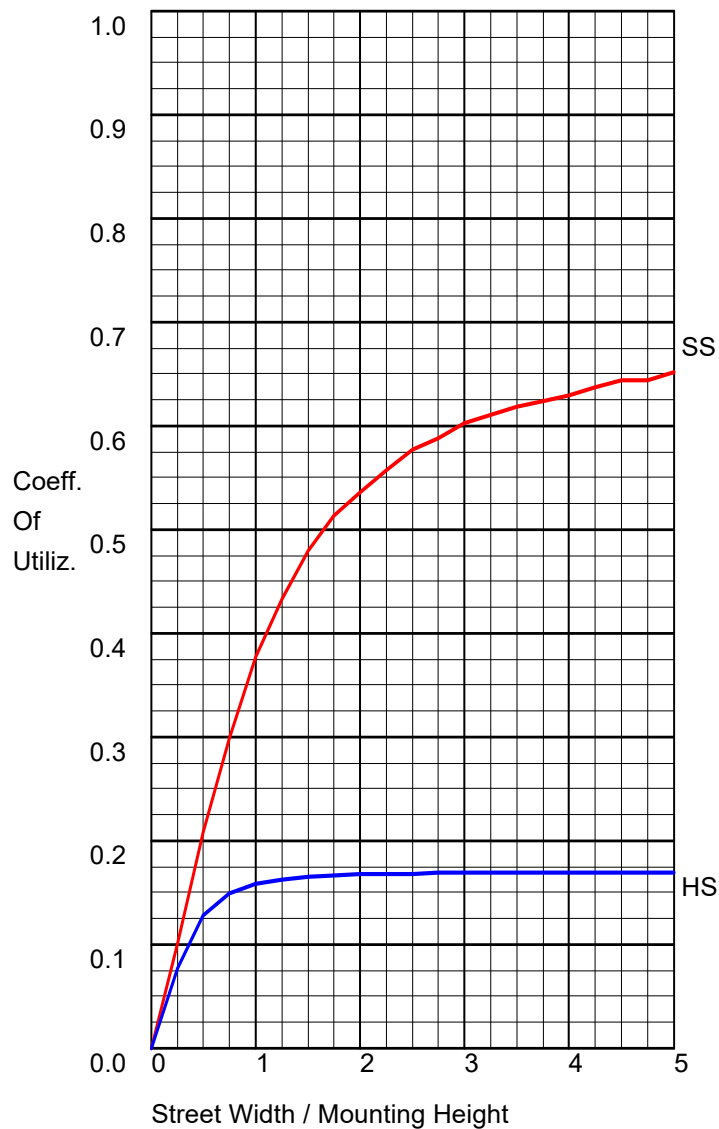
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	17034.41 (1 lamp)
Total Lamp Lumens	17034.41
Luminaire Lumens	17034
Downward Total Efficiency	89 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	121.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Maximum Candela	6337.269
Maximum Candela Angle	360H 40V
Maximum Candela (<90 Degrees Vertical)	6337.269
Maximum Candela Angle (<90 Degrees Vertical)	360H 40V
Maximum Candela At 90 Degrees Vertical	3608.661 (21.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4332.173 (25.4% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2044.3	12.0	12.0
FM - Front-Medium (30-60)	5433.8	31.9	31.9
FH - Front-High (60-80)	3442.4	20.2	20.2
FVH - Front-Very High (80-90)	1286.1	7.5	7.5
BL - Back-Low (0-30)	1309.3	7.7	7.7
BM - Back-Medium (30-60)	1302.5	7.6	7.6
BH - Back-High (60-80)	255.4	1.5	1.5
BVH - Back-Very High (80-90)	40.0	0.2	0.2
UL - Uplight-Low (90-100)	919.2	5.4	5.4
UH - Uplight-High (100-180)	1001.4	5.9	5.9
Total	17034.4	99.9	100.0
BUG Rating	B3-U5-G5		

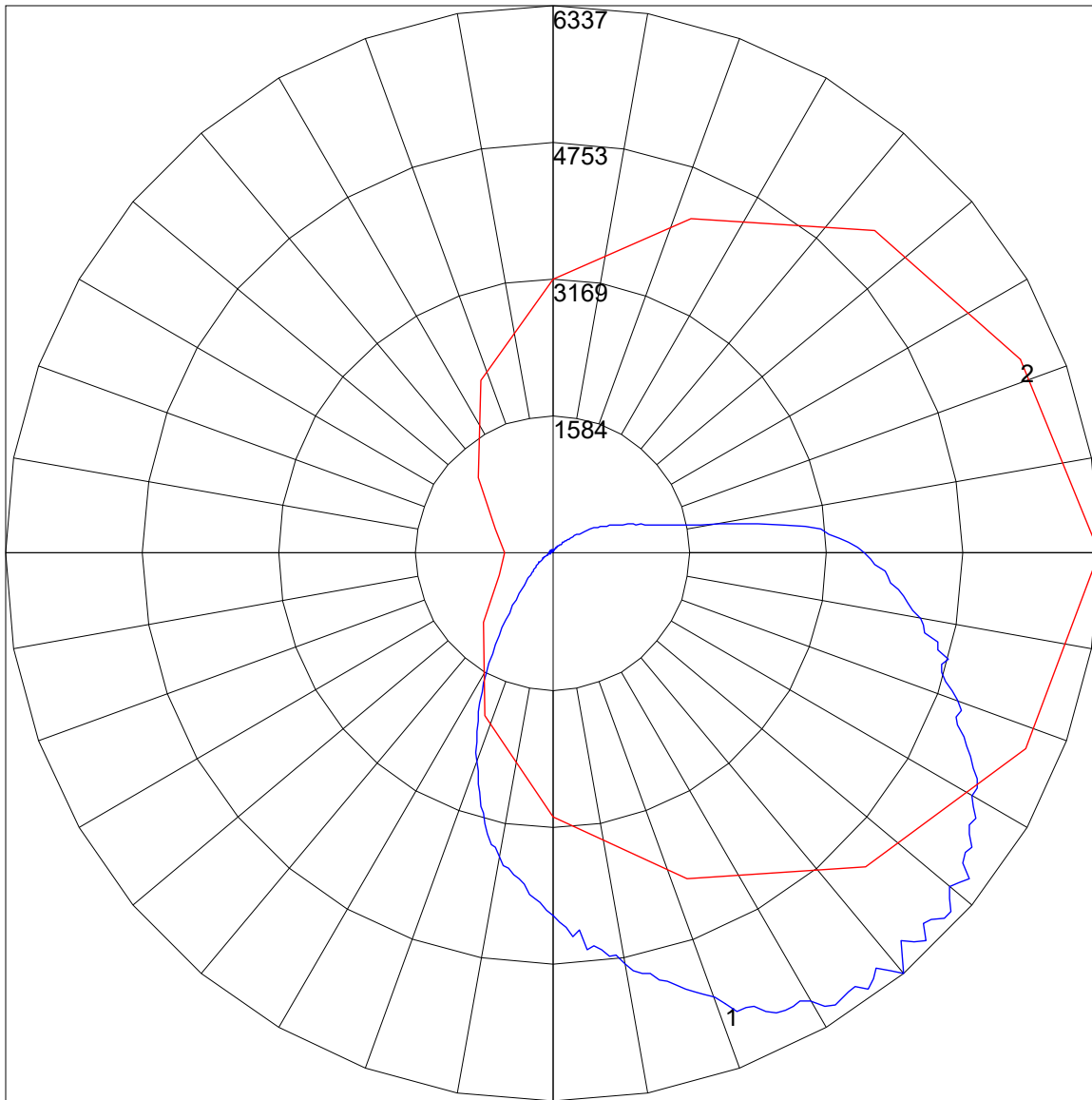
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

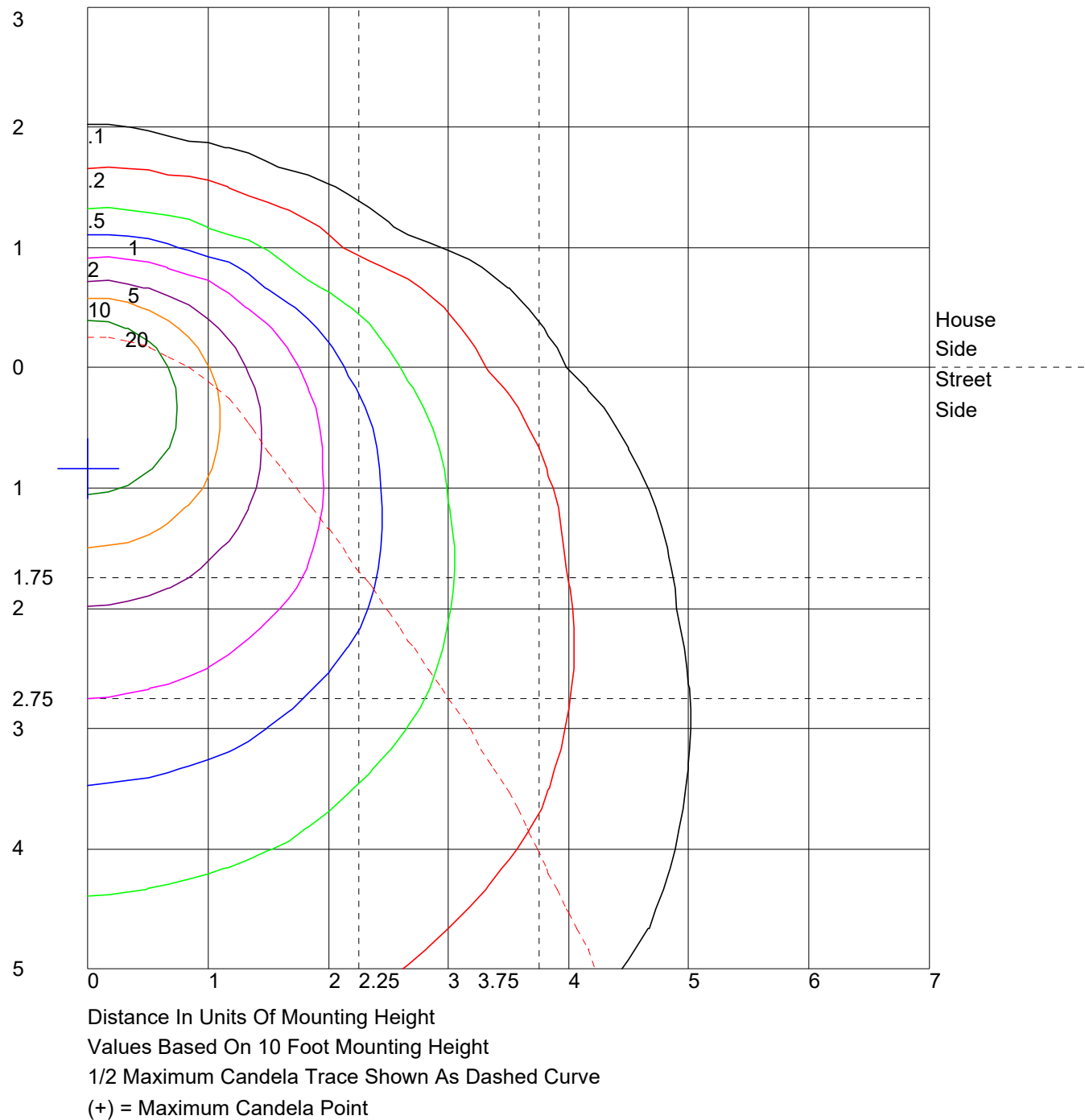
	Lumens	Percent Of Lamp
Downward Street Side	12206.6	71.7
Downward House Side	2907.2	17.1
Downward Total	15113.8	88.7
Upward Street Side	1801.9	10.6
Upward House Side	118.7	0.7
Upward Total	1920.6	11.3
Total Flux	17034.4	100.0

POLAR GRAPH

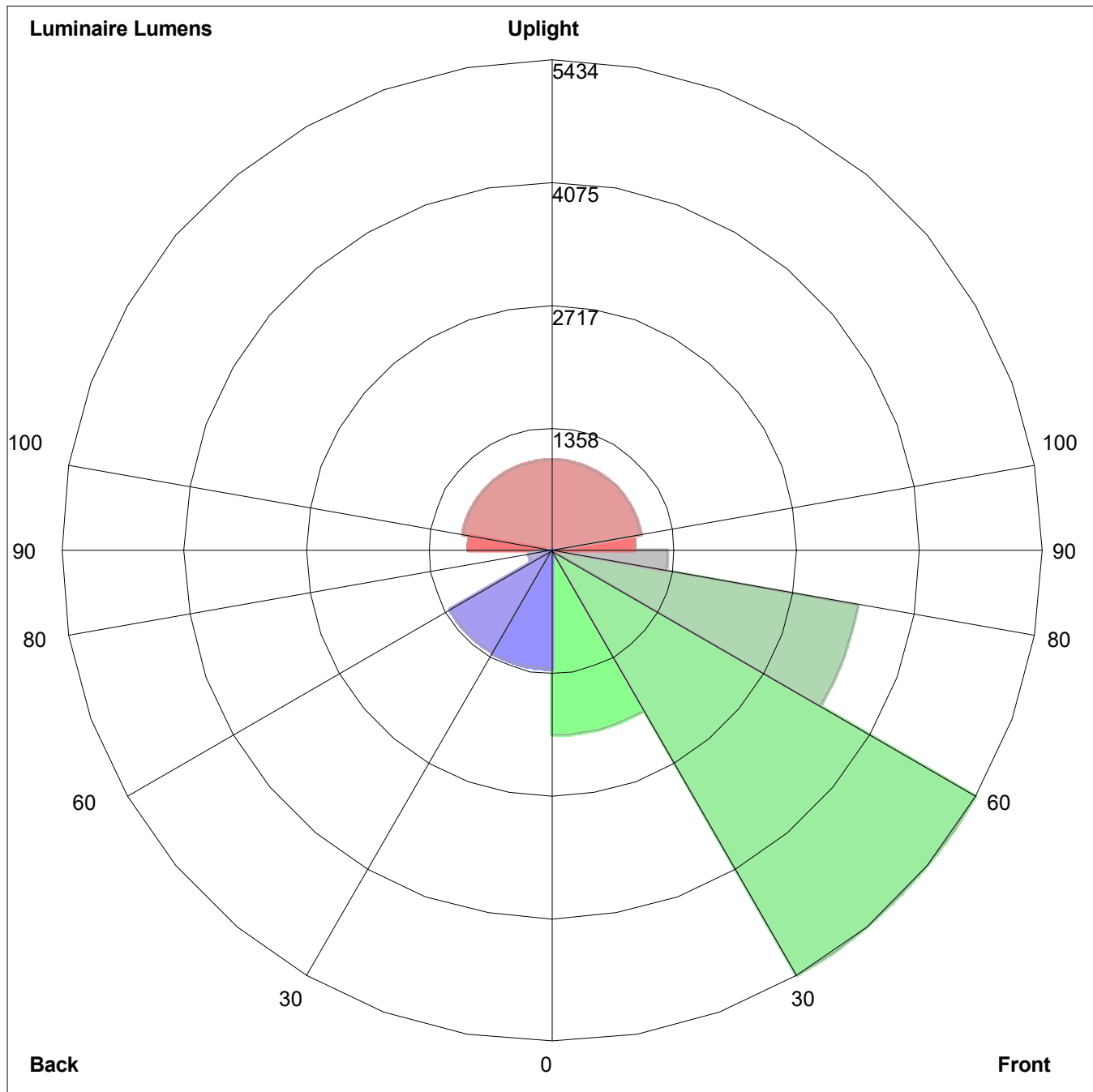


Maximum Candela = 6337.269 Located At Horizontal Angle = 360, Vertical Angle = 40
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2044.3, Medium=5433.8, High=3442.4, Very High=1286.1
Back: Low=1309.3, Medium=1302.5, High=255.4, Very High=40.0
Uplight: Low=919.2, High=1001.4

BUG Rating : B3-U5-G5