



IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK M HI F UV TBG 8SEL [4000K].IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[ISSUEDATE] 2020-7-6 15:20

[MANUFAC] LumenFocus, LLC.

[LUMCAT] WPK M HI F UV TBG 8SEL [4000K]

[LUMINAIRE] LED Traditional Wall Pack

[TESTLAB] Belling Test Laboratory Co., LTD

[_TESTINST] GPM-3000

[_TESTDIST] 14.040 m [K=1.0000]

[_TESTTEMPERATURE] 28.1 'C

[_TESTHUMIDITY]

[_TESTOPERATOR]

[BALLAST]

[BALLASTCAT]

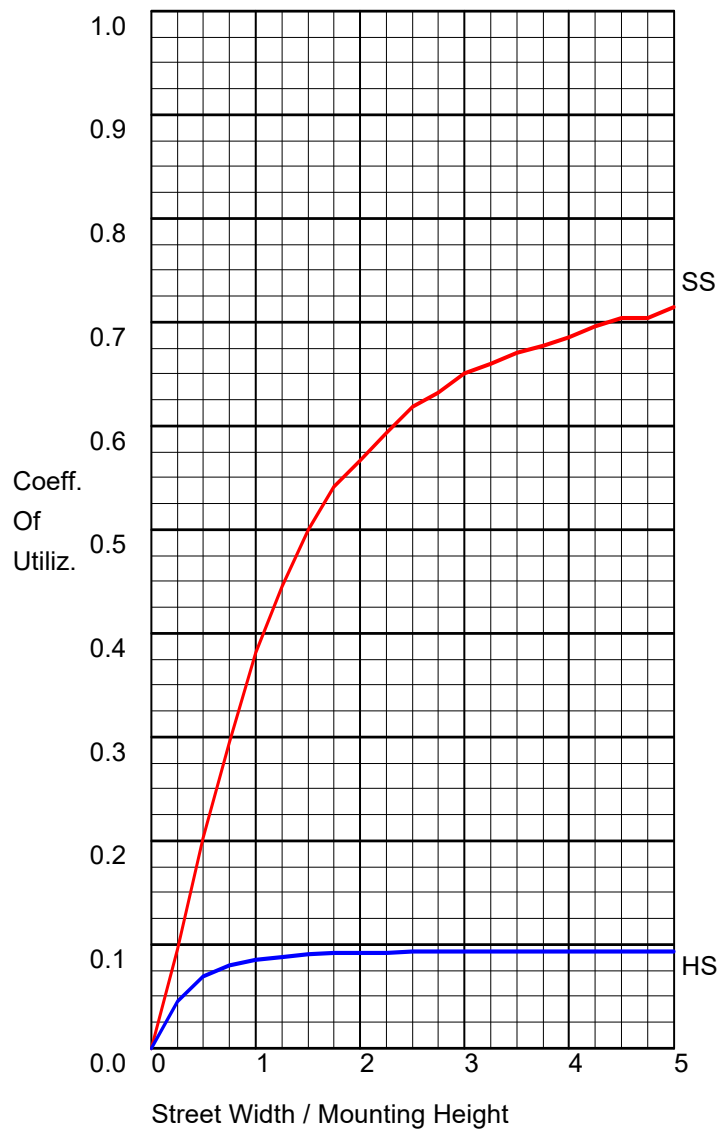
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	11692.08 (1 lamp)
Total Lamp Lumens	11692.08
Luminaire Lumens	11692
Downward Total Efficiency	89 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	151
Total Luminaire Watts	77.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Maximum Candela	5150.343
Maximum Candela Angle	360H 56V
Maximum Candela (<90 Degrees Vertical)	5150.343
Maximum Candela Angle (<90 Degrees Vertical)	360H 56V
Maximum Candela At 90 Degrees Vertical	2597.428 (22.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3998.659 (34.2% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

IES ROAD REPORT**PHOTOMETRIC FILENAME : WPK M HI F UV TBG 8SEL [4000K].IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1375.0	11.8	11.8
FM - Front-Medium (30-60)	3965.6	33.9	33.9
FH - Front-High (60-80)	2853.9	24.4	24.4
FVH - Front-Very High (80-90)	1110.8	9.5	9.5
BL - Back-Low (0-30)	439.3	3.8	3.8
BM - Back-Medium (30-60)	505.3	4.3	4.3
BH - Back-High (60-80)	134.9	1.2	1.2
BVH - Back-Very High (80-90)	25.0	0.2	0.2
UL - Uplight-Low (90-100)	591.6	5.1	5.1
UH - Uplight-High (100-180)	690.7	5.9	5.9
Total	11692.1	100.1	100.0
BUG Rating	B1-U4-G5		

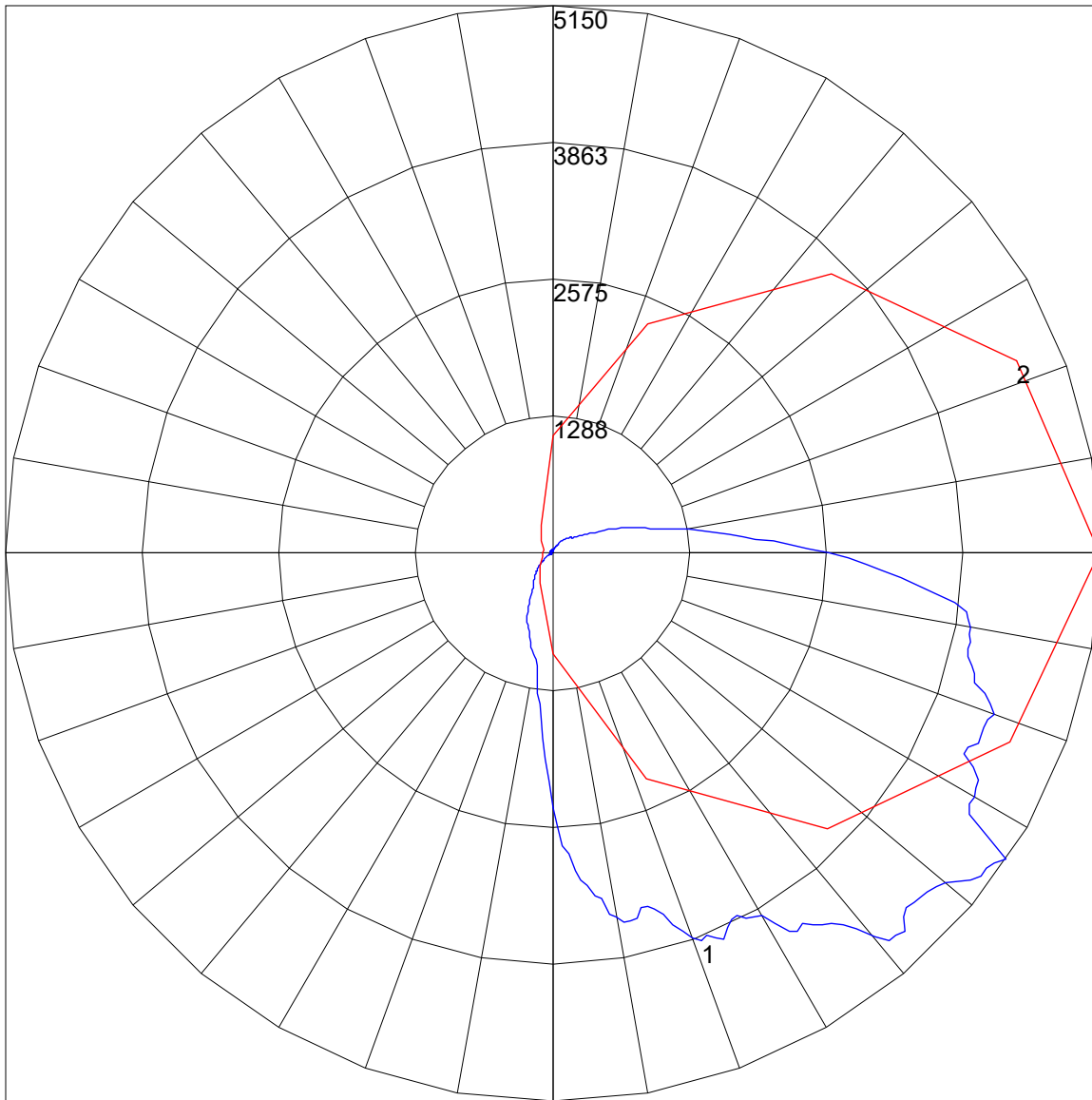
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

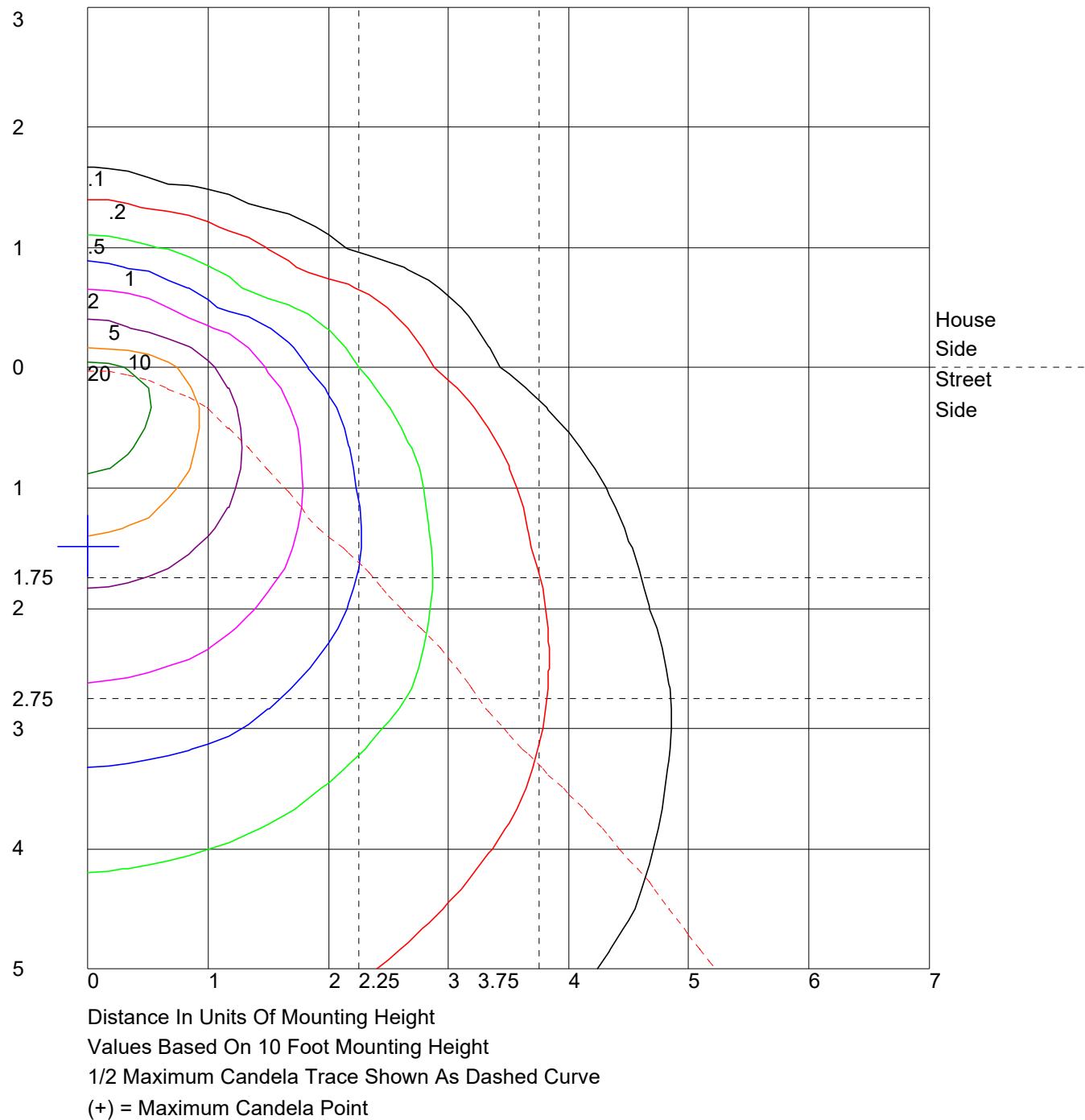
	Lumens	Percent Of Lamp
Downward Street Side	9305.2	79.6
Downward House Side	1104.5	9.4
Downward Total	10409.7	89.0
Upward Street Side	1210.0	10.3
Upward House Side	72.3	0.6
Upward Total	1282.3	11.0
Total Flux	11692.0	100.0

POLAR GRAPH

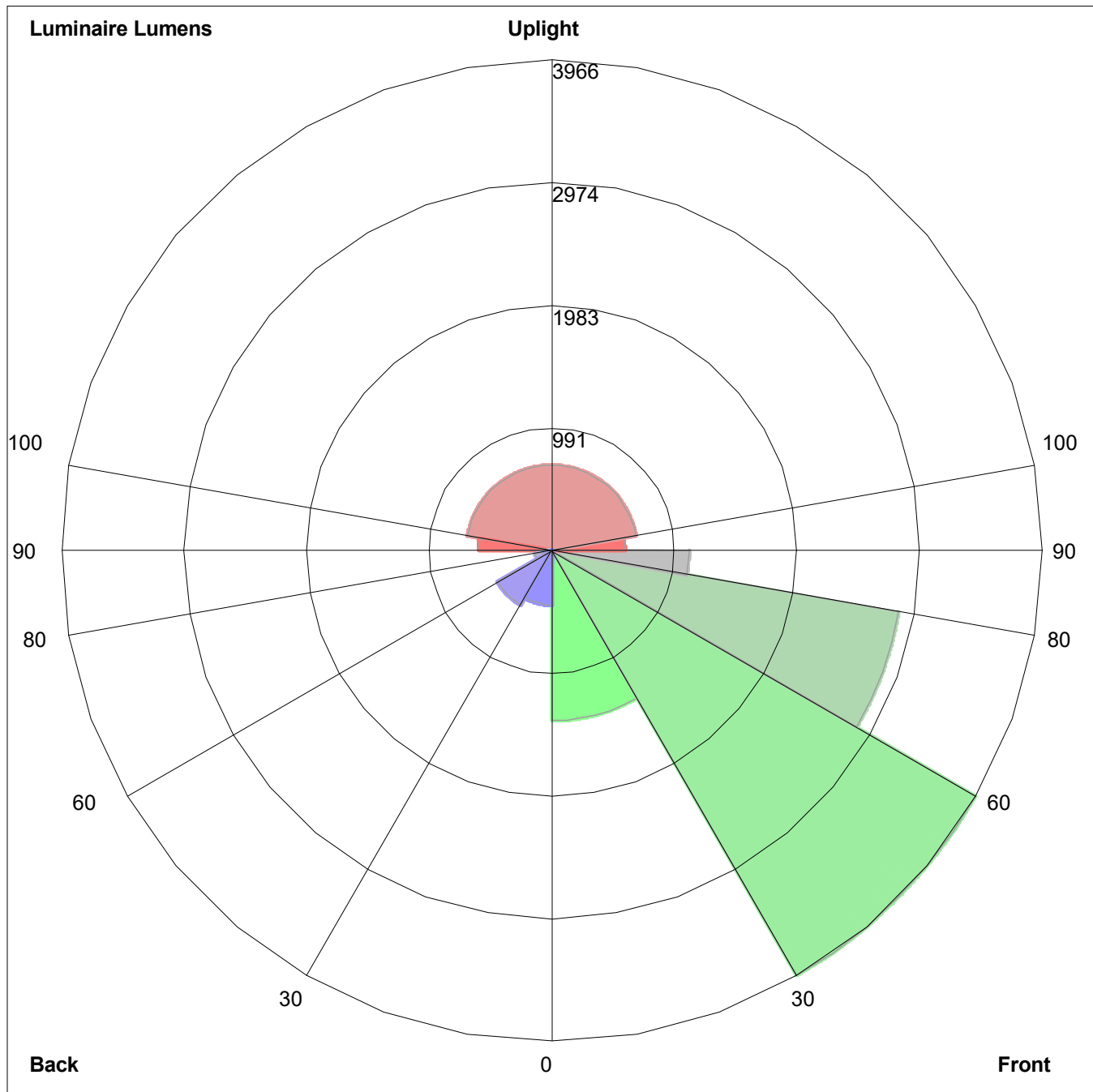


Maximum Candela = 5150.343 Located At Horizontal Angle = 360, Vertical Angle = 56
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (56) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1375.0, Medium=3965.6, High=2853.9, Very High=1110.8
Back: Low=439.3, Medium=505.3, High=134.9, Very High=25.0
Uplight: Low=591.6, High=690.7

BUG Rating : B1-U4-G5