



## IES ROAD REPORT

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

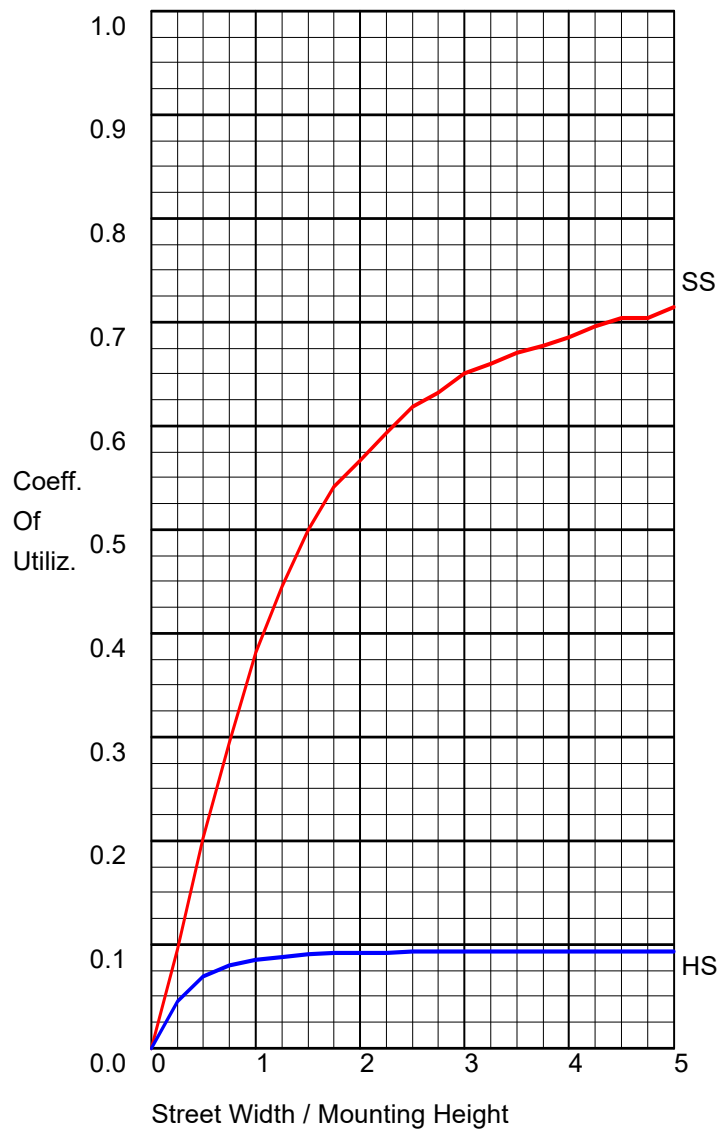
### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	11103.09 (1 lamp)
Total Lamp Lumens	11103.09
Luminaire Lumens	11103
Downward Total Efficiency	89 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	77.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Maximum Candela	4890.899
Maximum Candela Angle	360H 56V
Maximum Candela (<90 Degrees Vertical)	4890.899
Maximum Candela Angle (<90 Degrees Vertical)	360H 56V
Maximum Candela At 90 Degrees Vertical	2466.584 (22.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3797.23 (34.2% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1305.7	11.8	11.8
FM - Front-Medium (30-60)	3765.9	33.9	33.9
FH - Front-High (60-80)	2710.1	24.4	24.4
FVH - Front-Very High (80-90)	1054.8	9.5	9.5
BL - Back-Low (0-30)	417.2	3.8	3.8
BM - Back-Medium (30-60)	479.8	4.3	4.3
BH - Back-High (60-80)	128.1	1.2	1.2
BVH - Back-Very High (80-90)	23.8	0.2	0.2
UL - Uplight-Low (90-100)	561.8	5.1	5.1
UH - Uplight-High (100-180)	655.9	5.9	5.9
Total	11103.1	100.1	100.0
BUG Rating	B1-U4-G5		

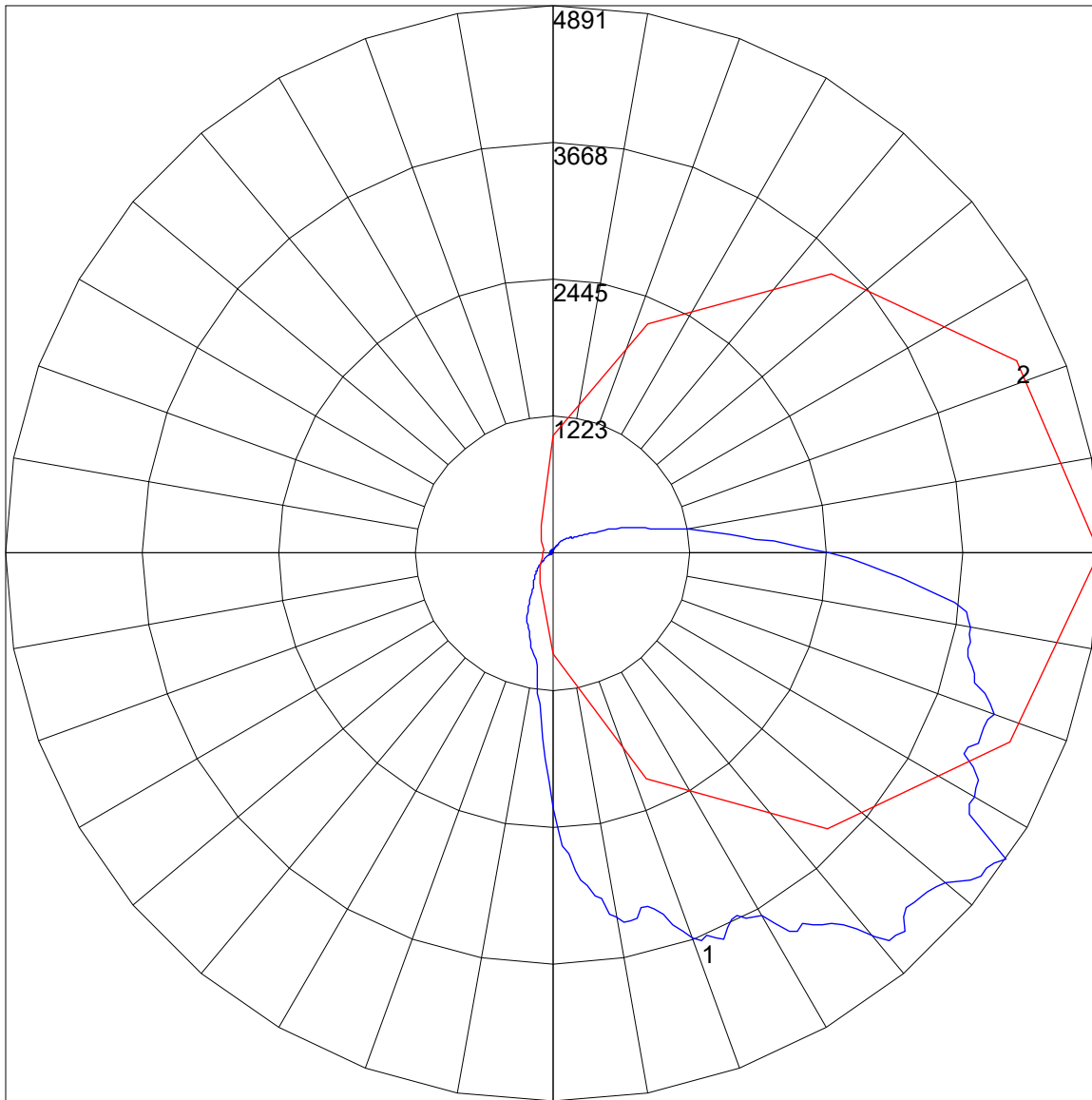
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

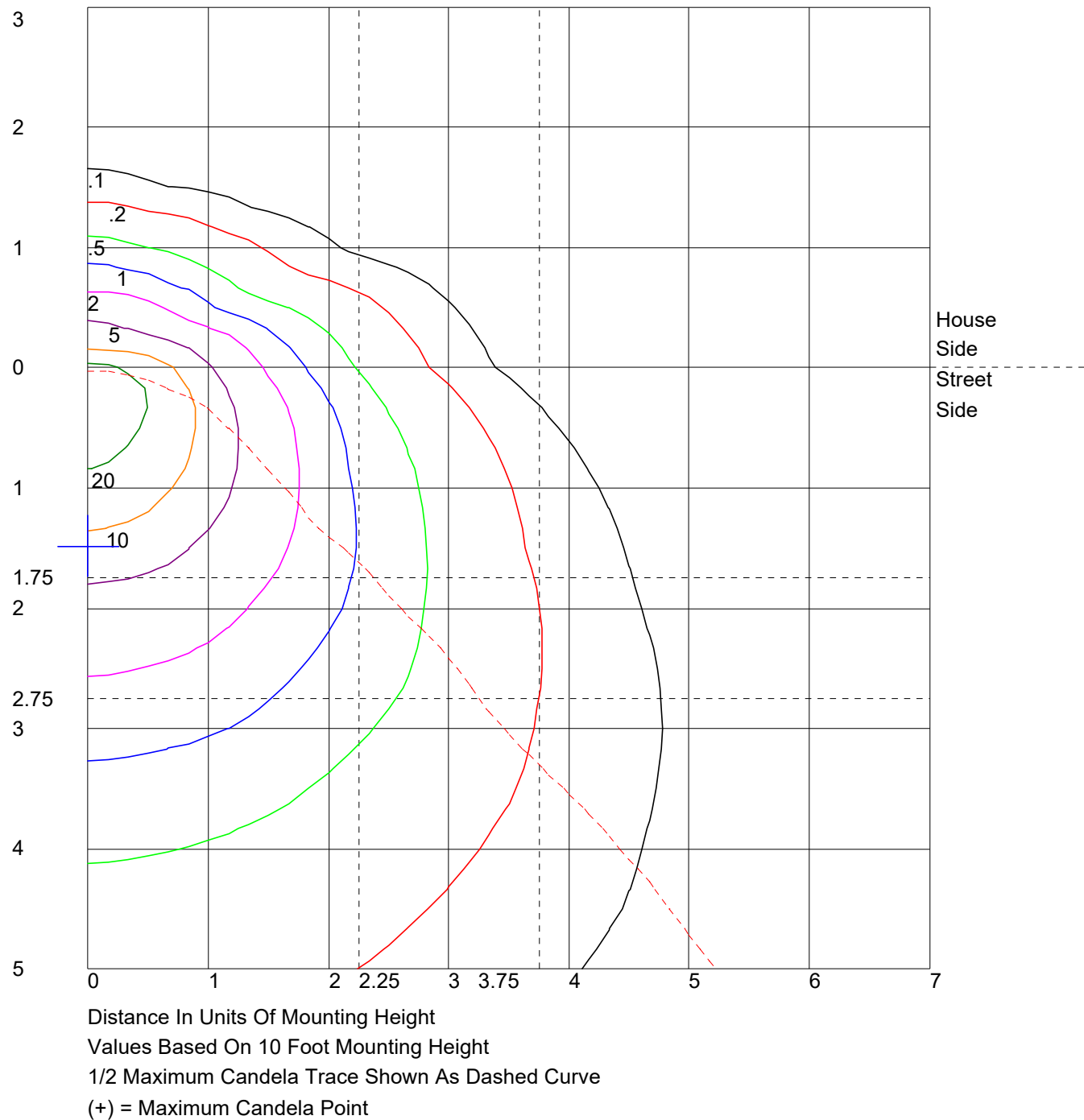
	Lumens	Percent Of Lamp
Downward Street Side	8836.5	79.6
Downward House Side	1048.9	9.4
Downward Total	9885.4	89.0
Upward Street Side	1149.0	10.3
Upward House Side	68.7	0.6
Upward Total	1217.7	11.0
Total Flux	11103.1	100.0

POLAR GRAPH

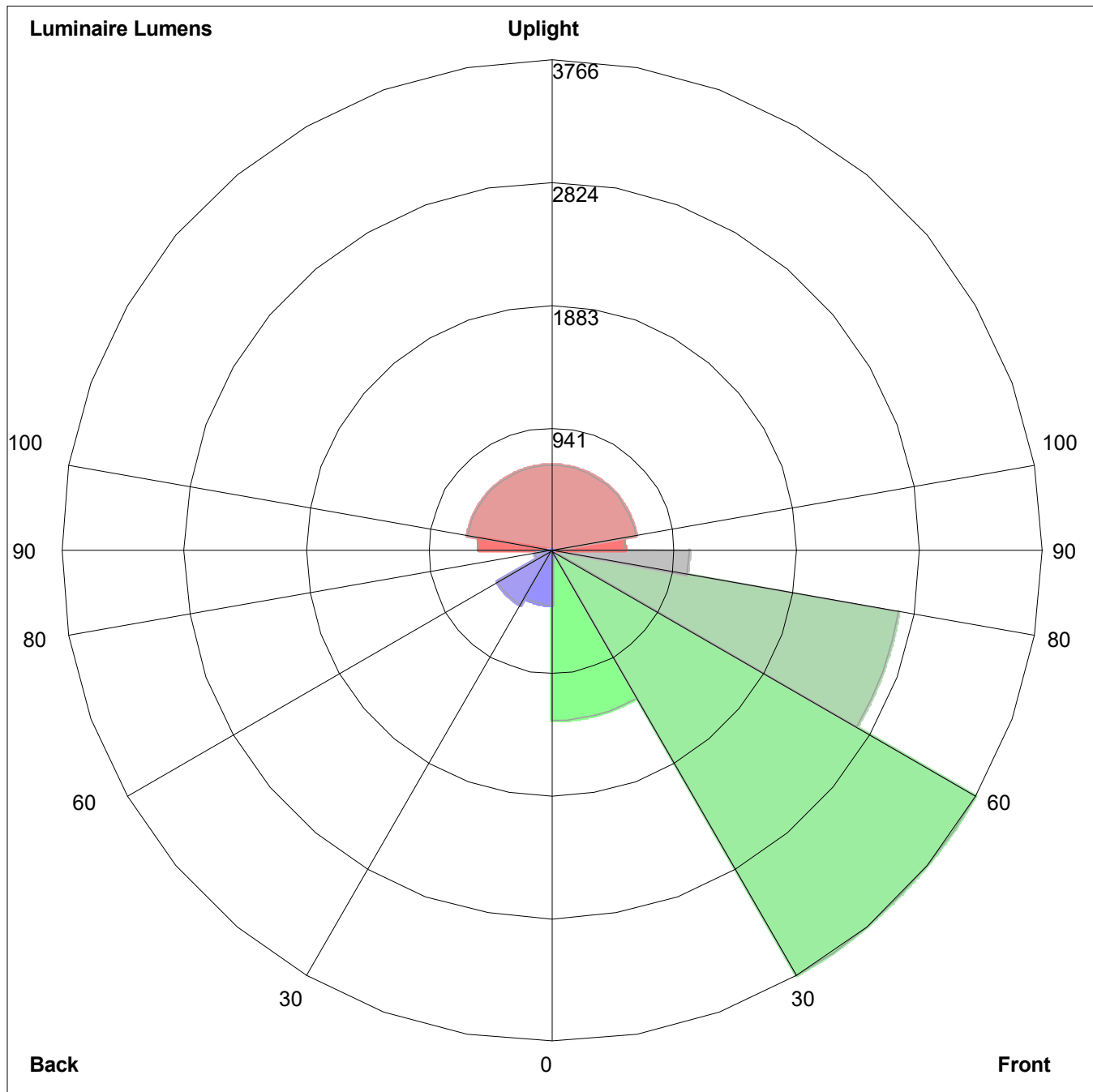


Maximum Candela = 4890.899 Located At Horizontal Angle = 360, Vertical Angle = 56  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (56) (Through Max. Cd.)

## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1305.7, Medium=3765.9, High=2710.1, Very High=1054.8  
Back: Low=417.2, Medium=479.8, High=128.1, Very High=23.8  
Uplight: Low=561.8, High=655.9

BUG Rating : B1-U4-G5