

## IES ROAD REPORT

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

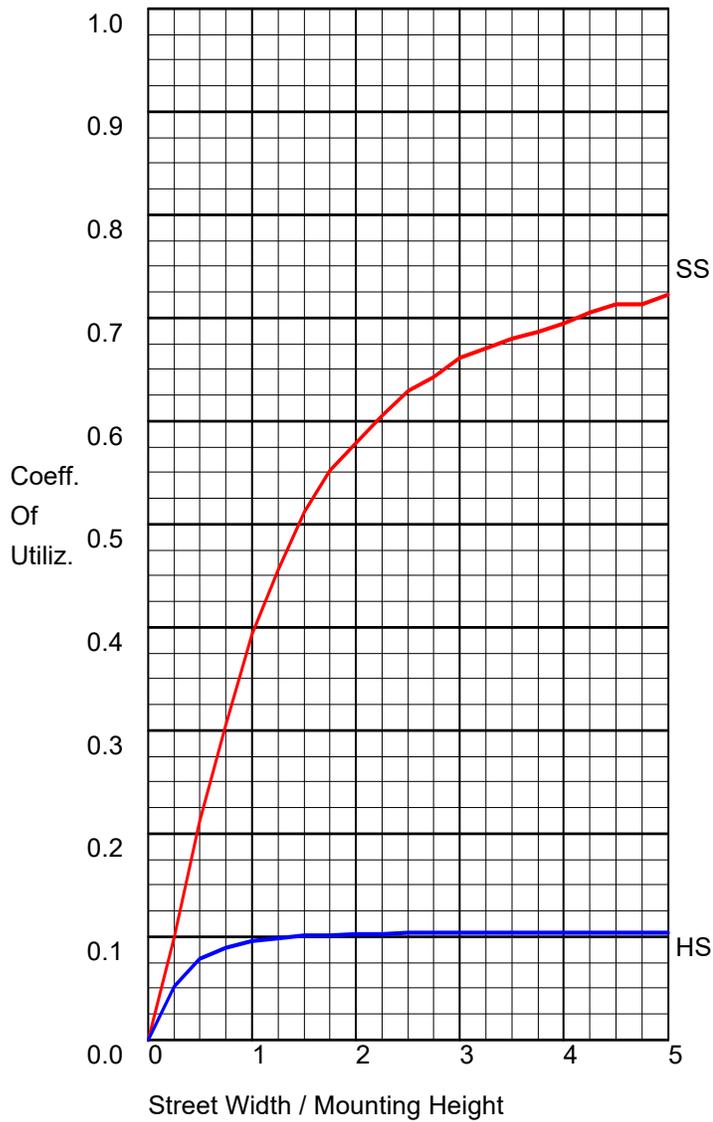
### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	5216.692 (1 lamp)
Total Lamp Lumens	5216.692
Luminaire Lumens	5217
Downward Total Efficiency	90 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	152
Total Luminaire Watts	34.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.10
Maximum Candela	2286.335
Maximum Candela Angle	360H 57V
Maximum Candela (<90 Degrees Vertical)	2286.335
Maximum Candela Angle (<90 Degrees Vertical)	360H 57V
Maximum Candela At 90 Degrees Vertical	991.062 (19.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1654.933 (31.7% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	638.1	12.2	12.2
FM - Front-Medium (30-60)	1805.4	34.6	34.6
FH - Front-High (60-80)	1258.0	24.1	24.1
FVH - Front-Very High (80-90)	448.8	8.6	8.6
BL - Back-Low (0-30)	227.1	4.4	4.4
BM - Back-Medium (30-60)	245.3	4.7	4.7
BH - Back-High (60-80)	63.5	1.2	1.2
BVH - Back-Very High (80-90)	11.2	0.2	0.2
UL - Uplight-Low (90-100)	231.6	4.4	4.4
UH - Uplight-High (100-180)	287.7	5.5	5.5
Total	5216.7	99.9	100.0
BUG Rating	B1-U3-G3		

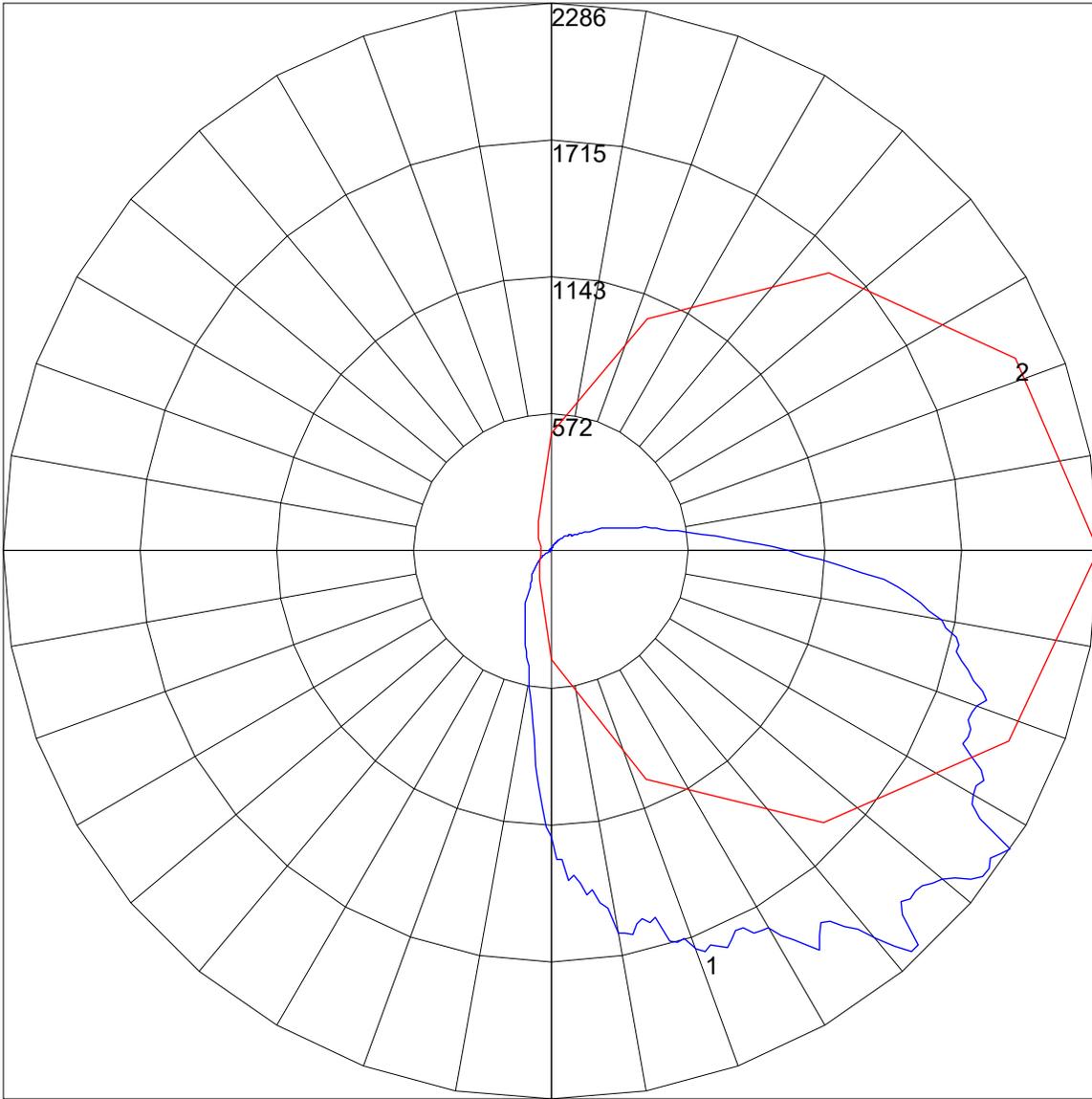
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

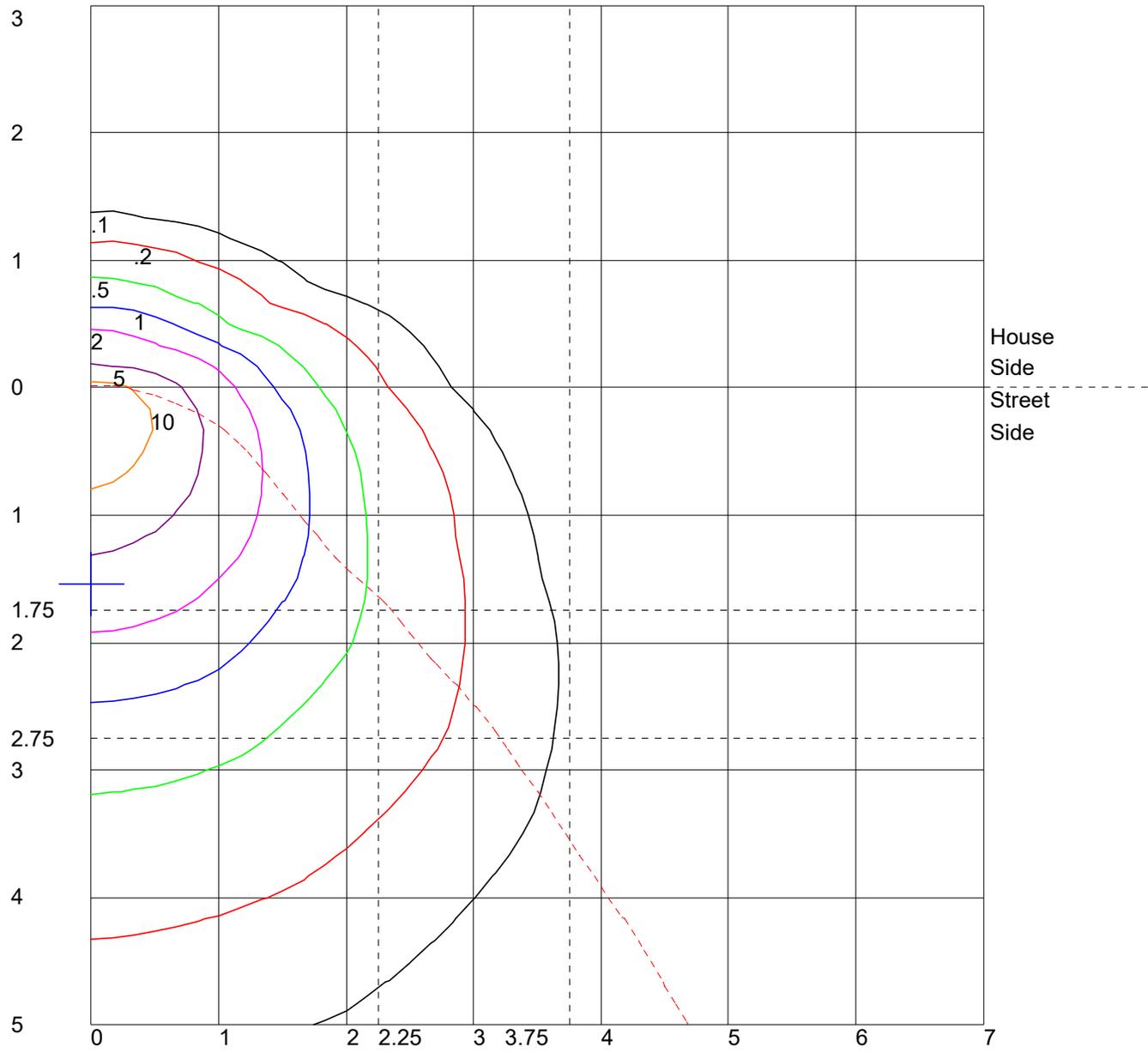
	Lumens	Percent Of Lamp
Downward Street Side	4150.2	79.6
Downward House Side	547.2	10.5
Downward Total	4697.4	90.0
Upward Street Side	491.9	9.4
Upward House Side	27.3	0.5
Upward Total	519.2	10.0
<b>Total Flux</b>	<b>5216.6</b>	<b>100.0</b>

POLAR GRAPH



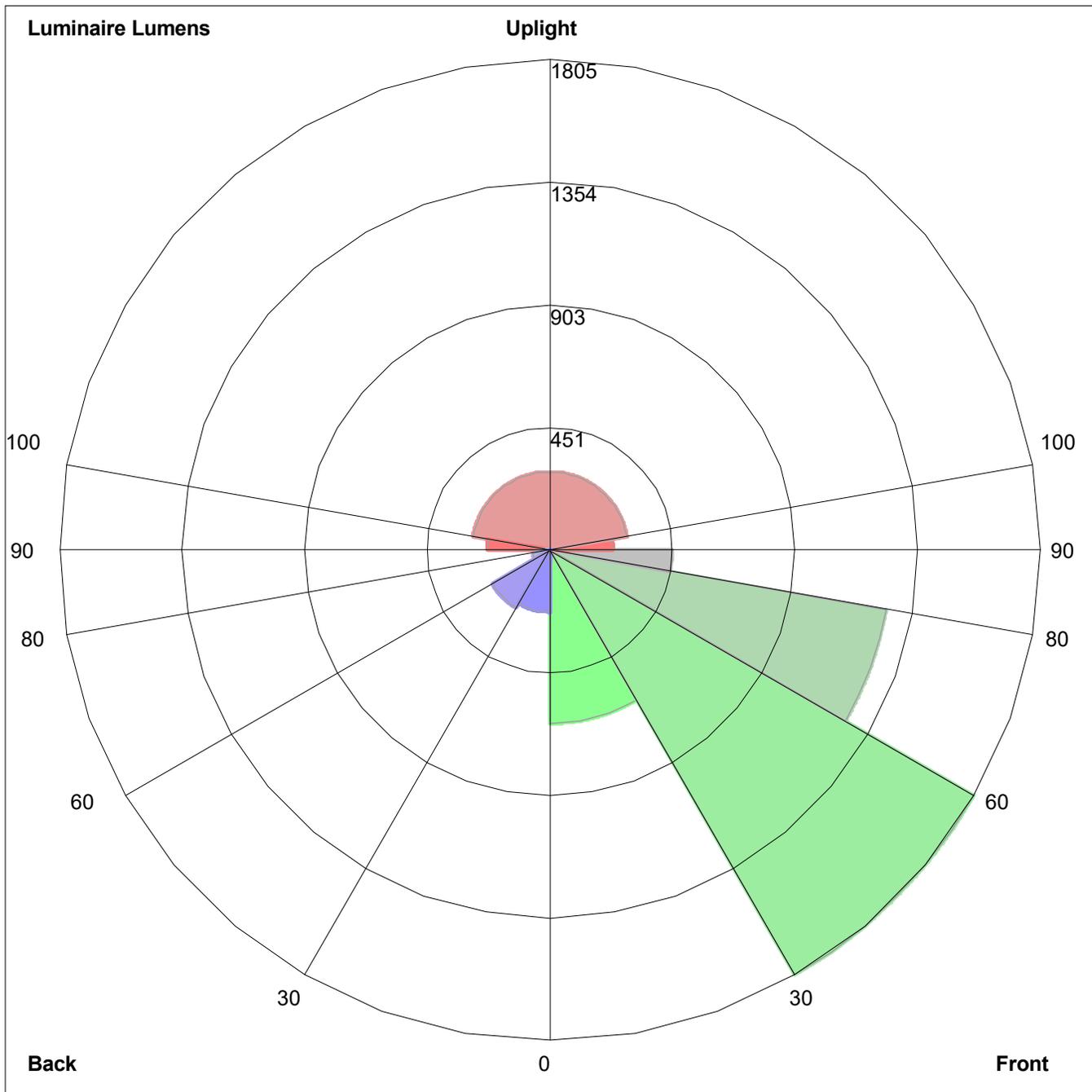
Maximum Candela = 2286.335 Located At Horizontal Angle = 360, Vertical Angle = 57  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (57) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 10 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=638.1, Medium=1805.4, High= 1258.0, Very High=448.8  
Back: Low=227.1, Medium=245.3, High=63.5, Very High=11.2  
Uplight: Low=231.6, High=287.7

BUG Rating : B1-U3-G3