



## IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK M HI F UV TBG 8SEL [3000K].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 [3000K]

[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]

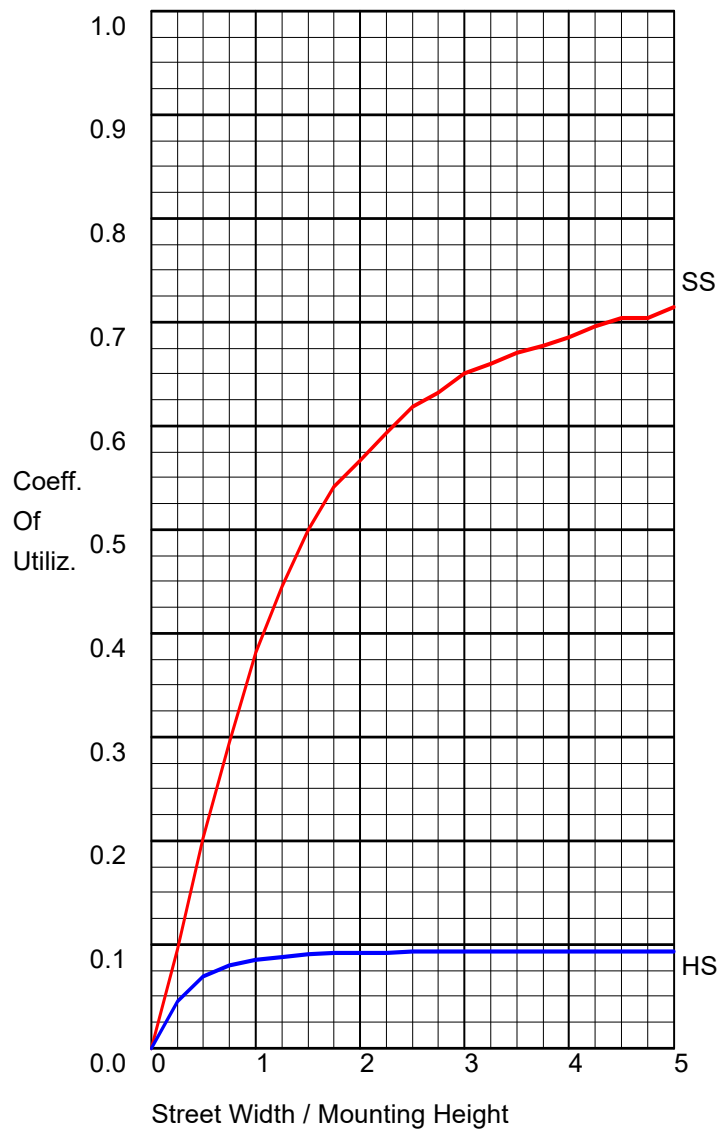
### CHARACTERISTICS

|   |                             |
|---|-----------------------------|
| IES Classification                              | Type IV                     |
| Longitudinal Classification                     | Very Short                  |
| Lumens Per Lamp                                 | 10895.7 (1 lamp)            |
| Total Lamp Lumens                               | 10895.7                     |
| Luminaire Lumens                                | 10896                       |
| Downward Total Efficiency                       | 89 %                        |
| Total Luminaire Efficiency                      | 100 %                       |
| Luminaire Efficacy Rating (LER)                 | 141                         |
| Total Luminaire Watts                           | 77.5                        |
| Ballast Factor                                  | 1.00                        |
| Upward Waste Light Ratio                        | 0.11                        |
| Maximum Candela                                 | 4799.54                     |
| Maximum Candela Angle                           | 360H 56V                    |
| Maximum Candela (<90 Degrees Vertical)          | 4799.54                     |
| Maximum Candela Angle (<90 Degrees Vertical)    | 360H 56V                    |
| Maximum Candela At 90 Degrees Vertical          | 2420.51 (22.2% Lamp Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 3726.3 (34.2% Lamp Lumens)  |
| Cutoff Classification (deprecated)              | Non-Cutoff                  |

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

|                               | Lumens   | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30)         | 1281.3   | 11.8   | 11.8        |
| FM - Front-Medium (30-60)     | 3695.5   | 33.9   | 33.9        |
| FH - Front-High (60-80)       | 2659.5   | 24.4   | 24.4        |
| FVH - Front-Very High (80-90) | 1035.1   | 9.5    | 9.5         |
| BL - Back-Low (0-30)          | 409.4    | 3.8    | 3.8         |
| BM - Back-Medium (30-60)      | 470.8    | 4.3    | 4.3         |
| BH - Back-High (60-80)        | 125.7    | 1.2    | 1.2         |
| BVH - Back-Very High (80-90)  | 23.3     | 0.2    | 0.2         |
| UL - Uplight-Low (90-100)     | 551.3    | 5.1    | 5.1         |
| UH - Uplight-High (100-180)   | 643.7    | 5.9    | 5.9         |
| Total                         | 10895.6  | 100.1  | 100.0       |
| BUG Rating                    | B1-U4-G5 |        |             |

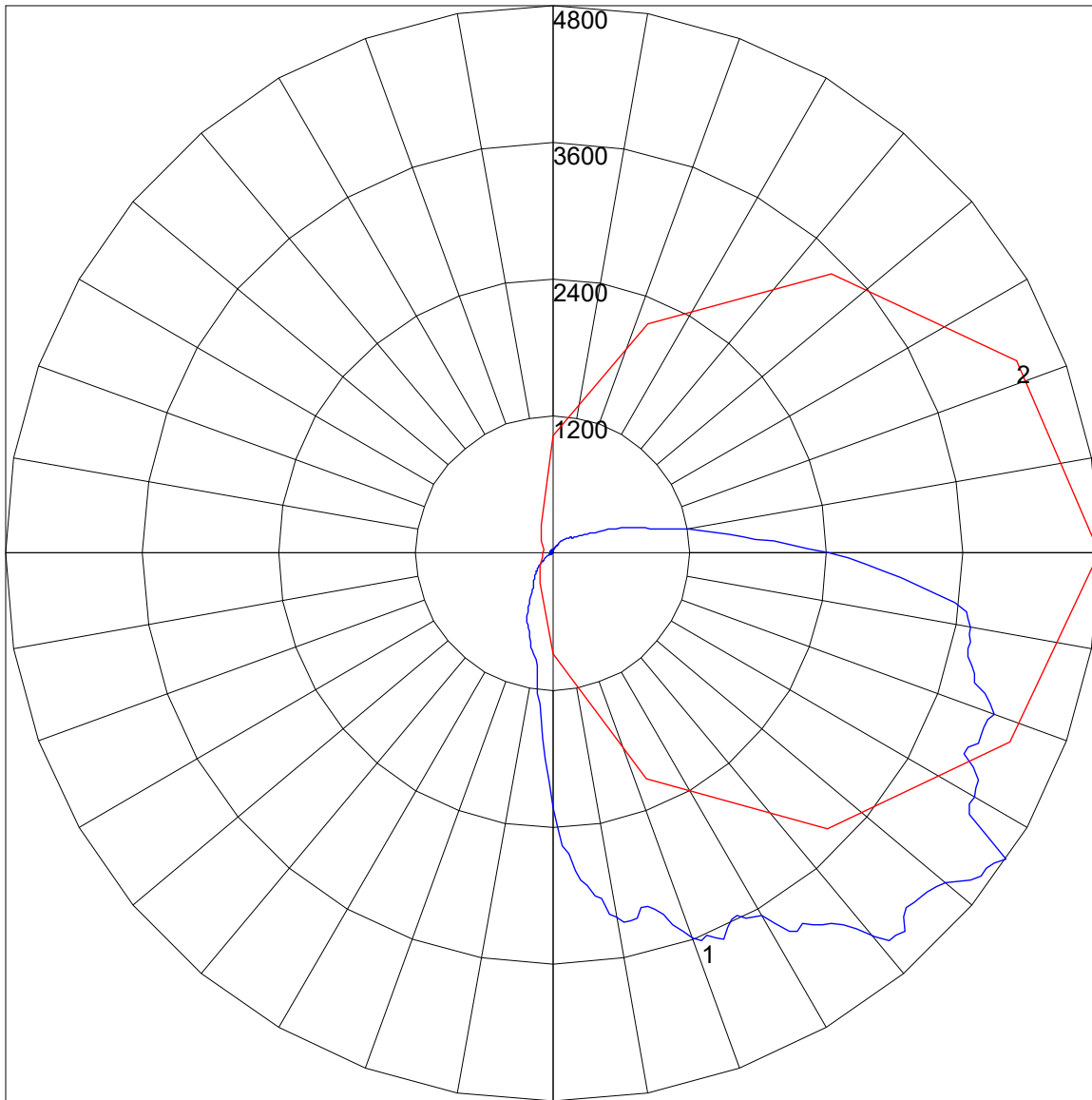
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

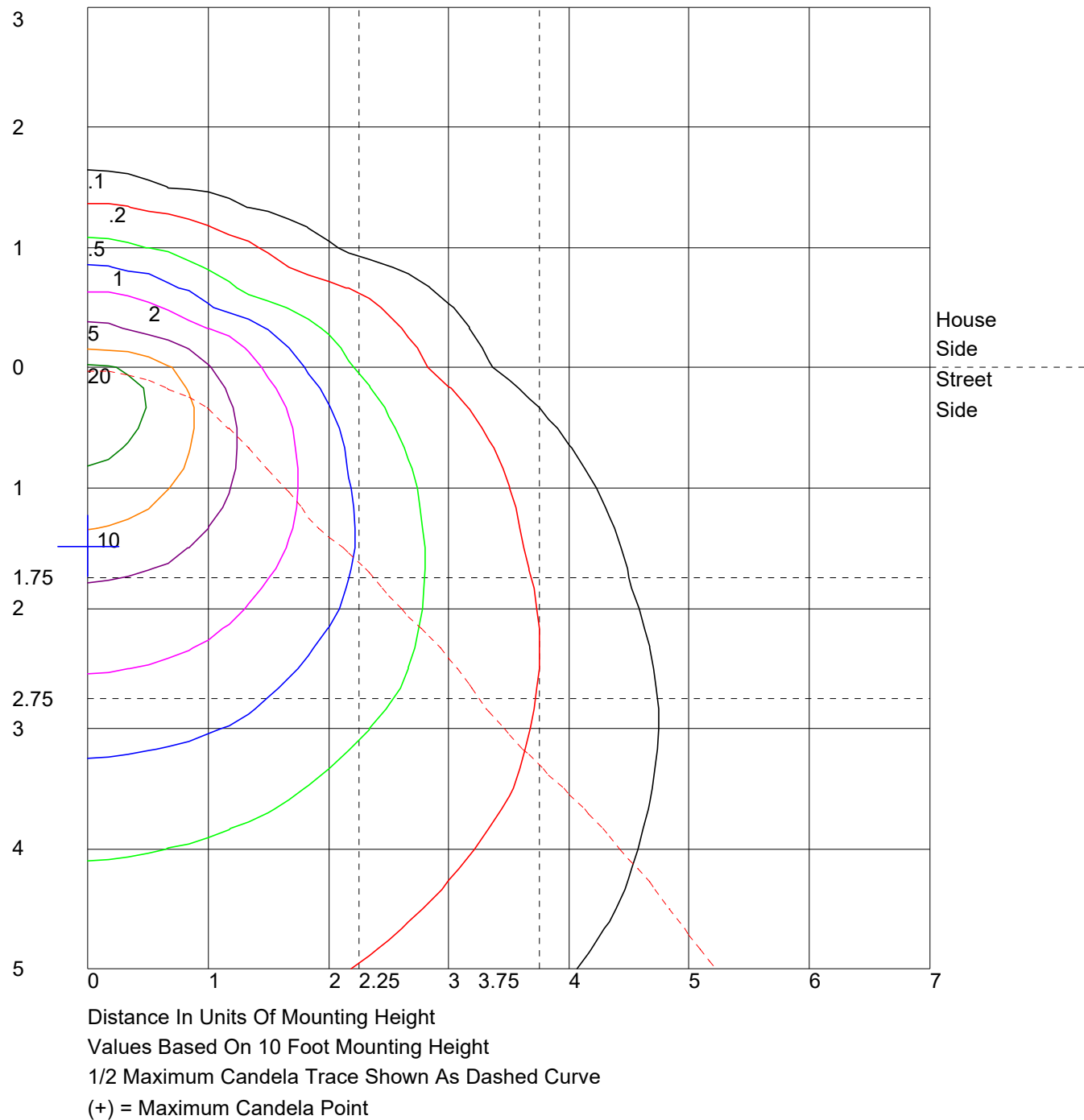
|                      | Lumens  | Percent<br>Of Lamp |
|----------------------|---------|--------------------|
| Downward Street Side | 8671.5  | 79.6               |
| Downward House Side  | 1029.3  | 9.4                |
| Downward Total       | 9700.8  | 89.0               |
| Upward Street Side   | 1127.6  | 10.3               |
| Upward House Side    | 67.4    | 0.6                |
| Upward Total         | 1195.0  | 11.0               |
| Total Flux           | 10895.8 | 100.0              |

POLAR GRAPH

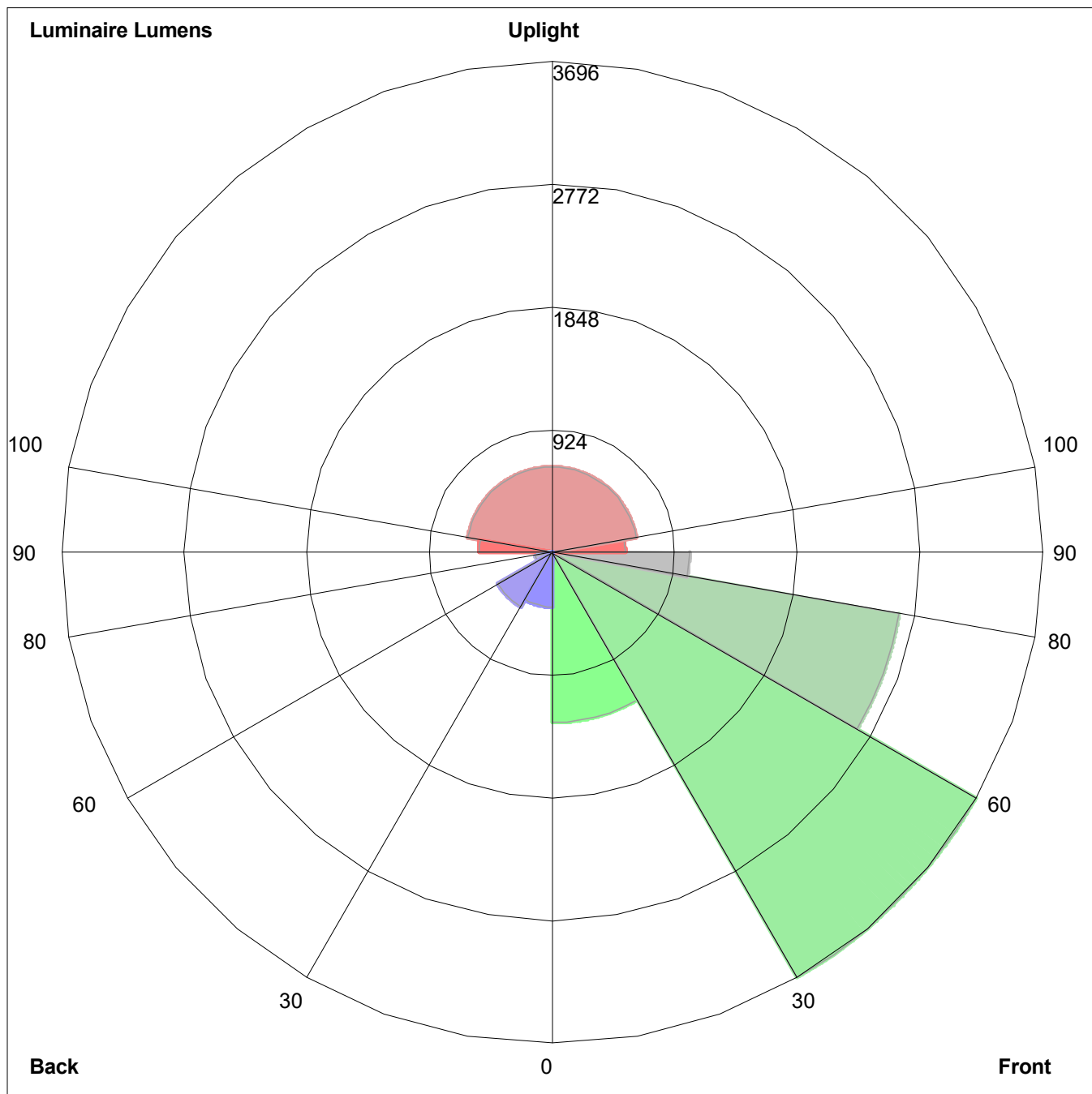


Maximum Candela = 4799.54 Located At Horizontal Angle = 360, Vertical Angle = 56  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (56) (Through Max. Cd.)

## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1281.3, Medium=3695.5, High=2659.5, Very High=1035.1  
Back: Low=409.4, Medium=470.8, High=125.7, Very High=23.3  
Uplight: Low=551.3, High=643.7

BUG Rating : B1-U4-G5