

IES ROAD REPORT

PHOTOMETRIC FILENAME : WPK L VH F UV TBG 8SEL [4000K].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 [4000K]
[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	18204.93 (1 lamp)
Total Lamp Lumens	18204.93
Luminaire Lumens	18205
Downward Total Efficiency	89 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	150
Total Luminaire Watts	121.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.11
Maximum Candela	6772.734
Maximum Candela Angle	360H 40V
Maximum Candela (<90 Degrees Vertical)	6772.734
Maximum Candela Angle (<90 Degrees Vertical)	360H 40V
Maximum Candela At 90 Degrees Vertical	3856.63 (21.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4629.858 (25.4% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

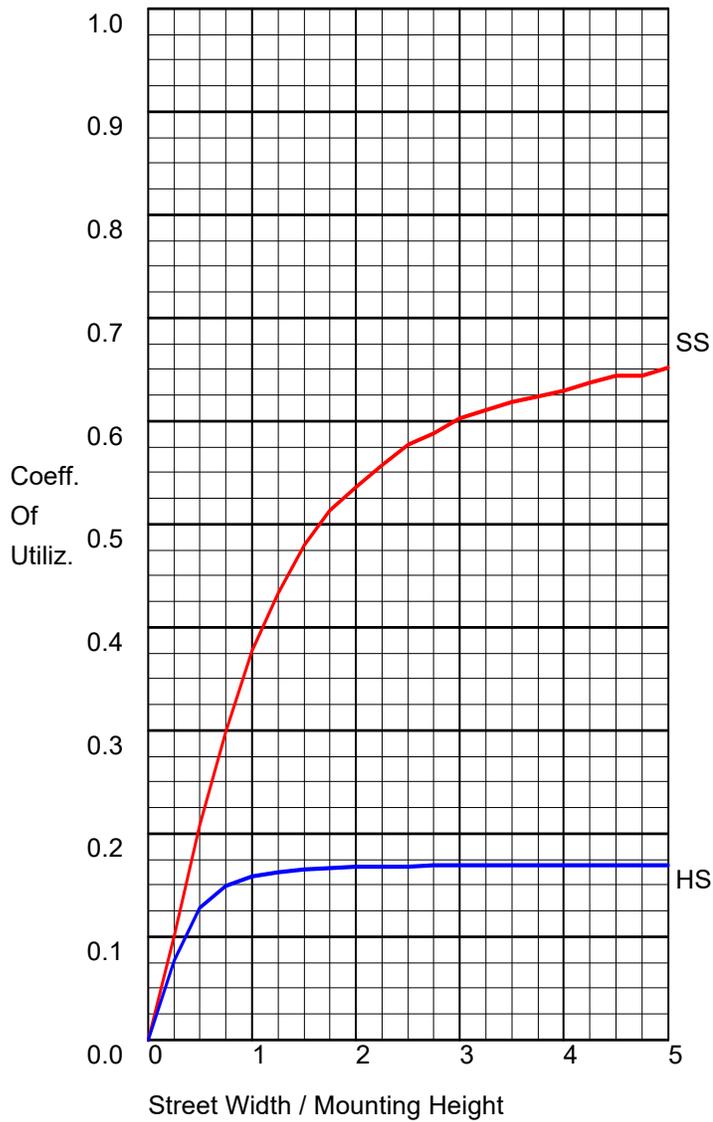
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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2184.8	12.0	12.0
FM - Front-Medium (30-60)	5807.2	31.9	31.9
FH - Front-High (60-80)	3679.0	20.2	20.2
FVH - Front-Very High (80-90)	1374.5	7.5	7.5
BL - Back-Low (0-30)	1399.2	7.7	7.7
BM - Back-Medium (30-60)	1392.0	7.6	7.6
BH - Back-High (60-80)	272.9	1.5	1.5
BVH - Back-Very High (80-90)	42.7	0.2	0.2
UL - Uplight-Low (90-100)	982.4	5.4	5.4
UH - Uplight-High (100-180)	1070.2	5.9	5.9
Total	18204.9	99.9	100.0
BUG Rating	B3-U5-G5		

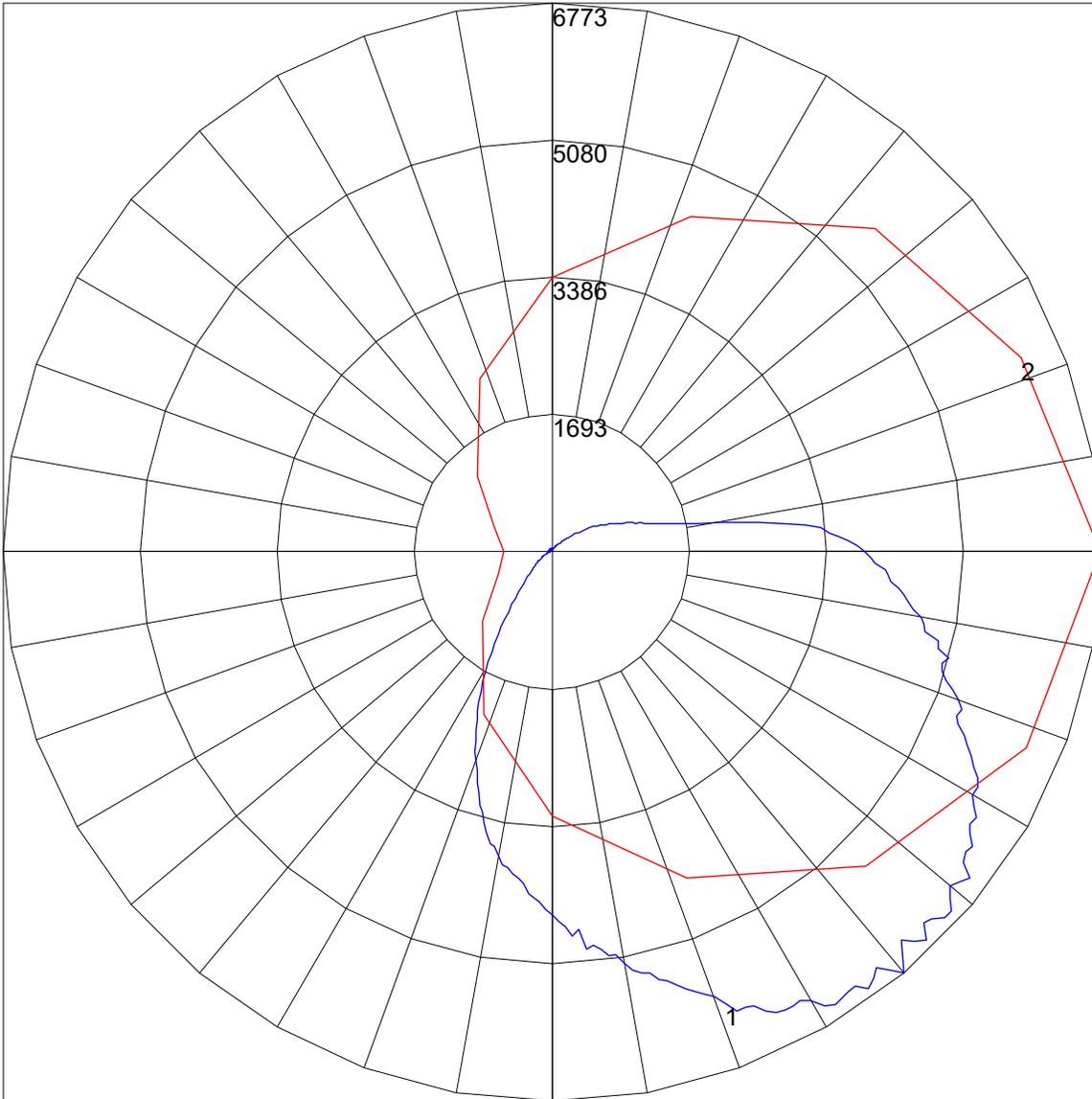
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

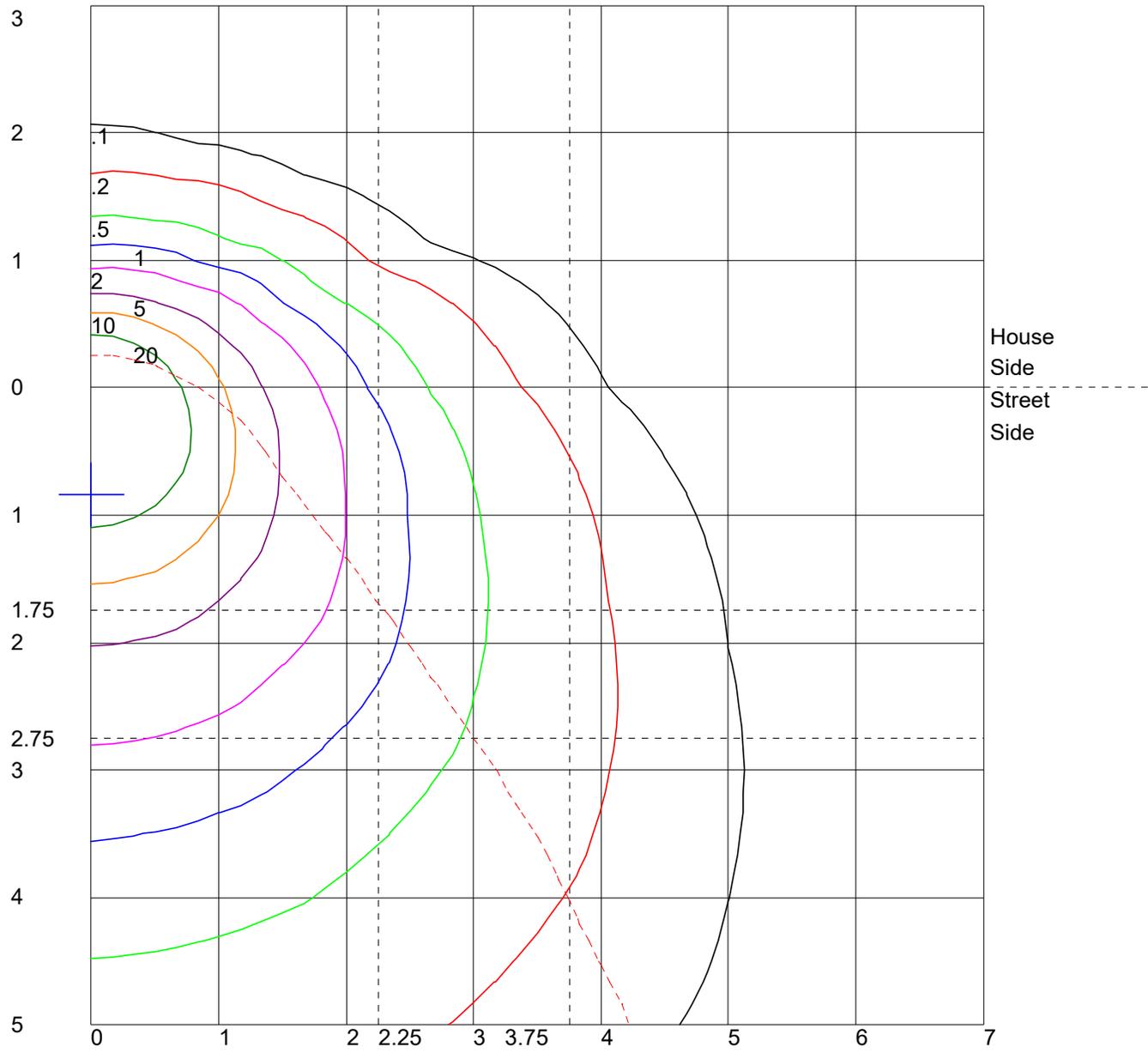
	Lumens	Percent Of Lamp
Downward Street Side	13045.4	71.7
Downward House Side	3107.0	17.1
Downward Total	16152.4	88.7
Upward Street Side	1925.8	10.6
Upward House Side	126.8	0.7
Upward Total	2052.6	11.3
Total Flux	18205.0	100.0

POLAR GRAPH



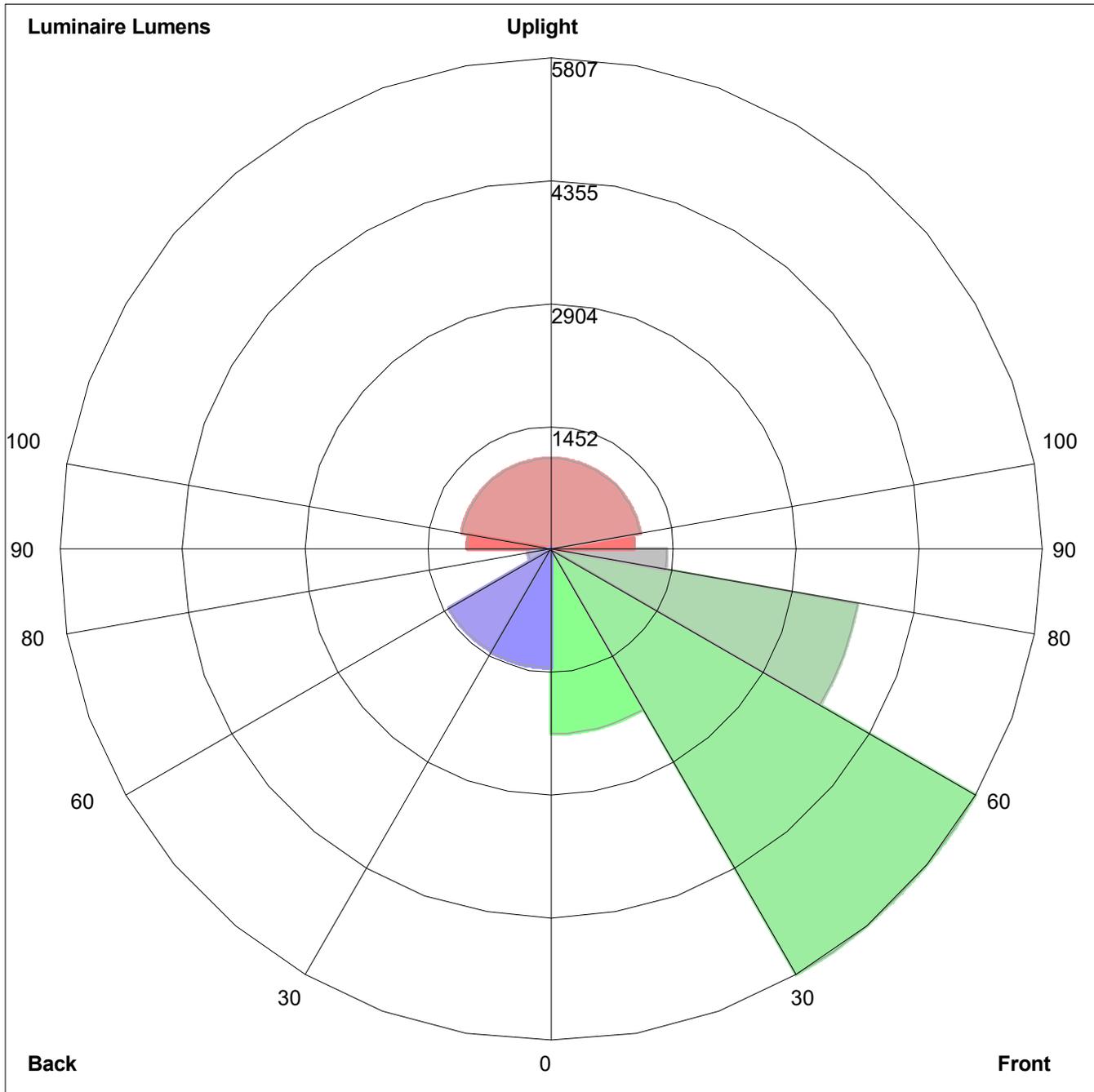
Maximum Candela = 6772.734 Located At Horizontal Angle = 360, Vertical Angle = 40
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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=2184.8, Medium=5807.2, High= 3679.0, Very High=1374.5
 Back: Low=1399.2, Medium= 1392.0, High=272.9, Very High=42.7
 Uplight: Low=982.4, High=1070.2

BUG Rating : B3-U5-G5