



IES ROAD REPORT

PHOTOMETRIC FILENAME : WPS S SEL 3 UV CP 7SEL (20W).IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Scaled

[TESTLAB] SHENZHEN XIN AN BIAO TECHNOLOGY SERVICE CO. LTD

[TESTDATE] 2020/7/23

[ISSUEDATE] 2020/7/23

[MANUFAC] LumenFocus, LLC

[LUMINAIRE] WPS S SEL 3 UV CP 7SEL (20W)

[LUMCAT] WPS S SEL 3 UV CP 7SEL (20W)

[MORE] 20W/30K-50K/120-277V

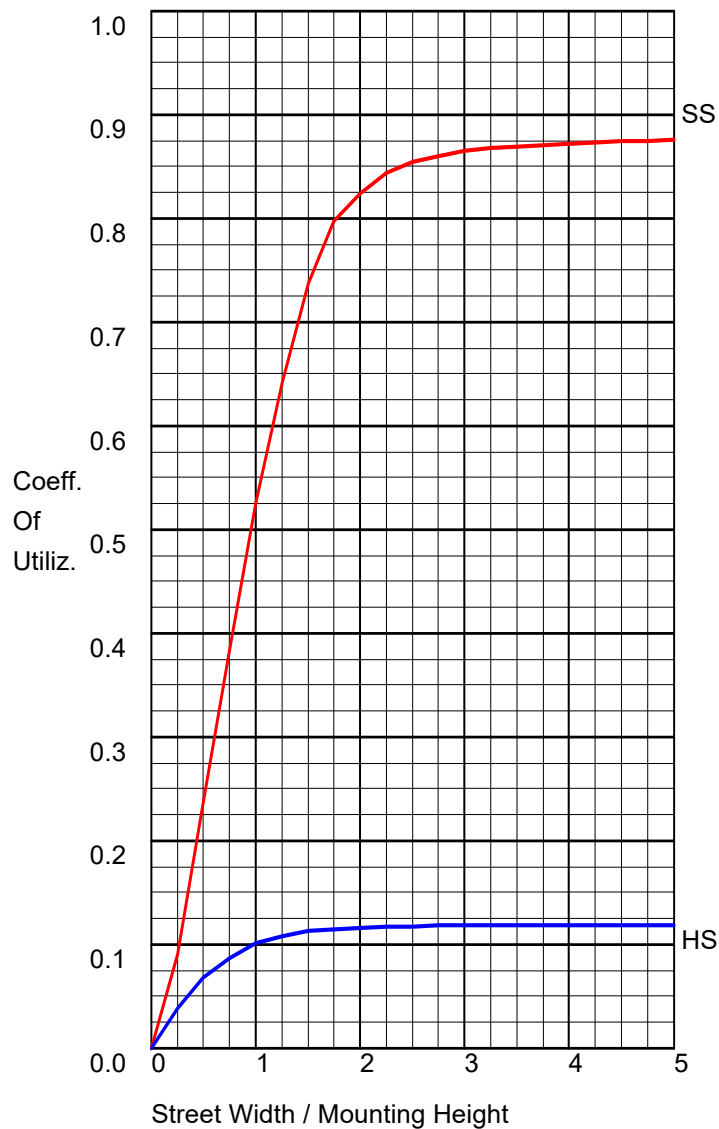
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2312
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	20
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1874.281
Maximum Candela Angle	360H 51V
Maximum Candela (<90 Degrees Vertical)	1874.281
Maximum Candela Angle (<90 Degrees Vertical)	360H 51V
Maximum Candela At 90 Degrees Vertical	1.996 (0.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	106.686 (4.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : WPS S SEL 3 UV CP 7SEL (20W).IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	386.8	N.A.	16.7
FM - Front-Medium (30-60)	1228.6	N.A.	53.1
FH - Front-High (60-80)	404.9	N.A.	17.5
FVH - Front-Very High (80-90)	11.3	N.A.	0.5
BL - Back-Low (0-30)	92.5	N.A.	4.0
BM - Back-Medium (30-60)	145.5	N.A.	6.3
BH - Back-High (60-80)	35.0	N.A.	1.5
BVH - Back-Very High (80-90)	2.8	N.A.	0.1
UL - Uplight-Low (90-100)	0.7	N.A.	0.0
UH - Uplight-High (100-180)	3.9	N.A.	0.2
Total	2312.0	N.A.	100.0
BUG Rating	B0-U1-G1		

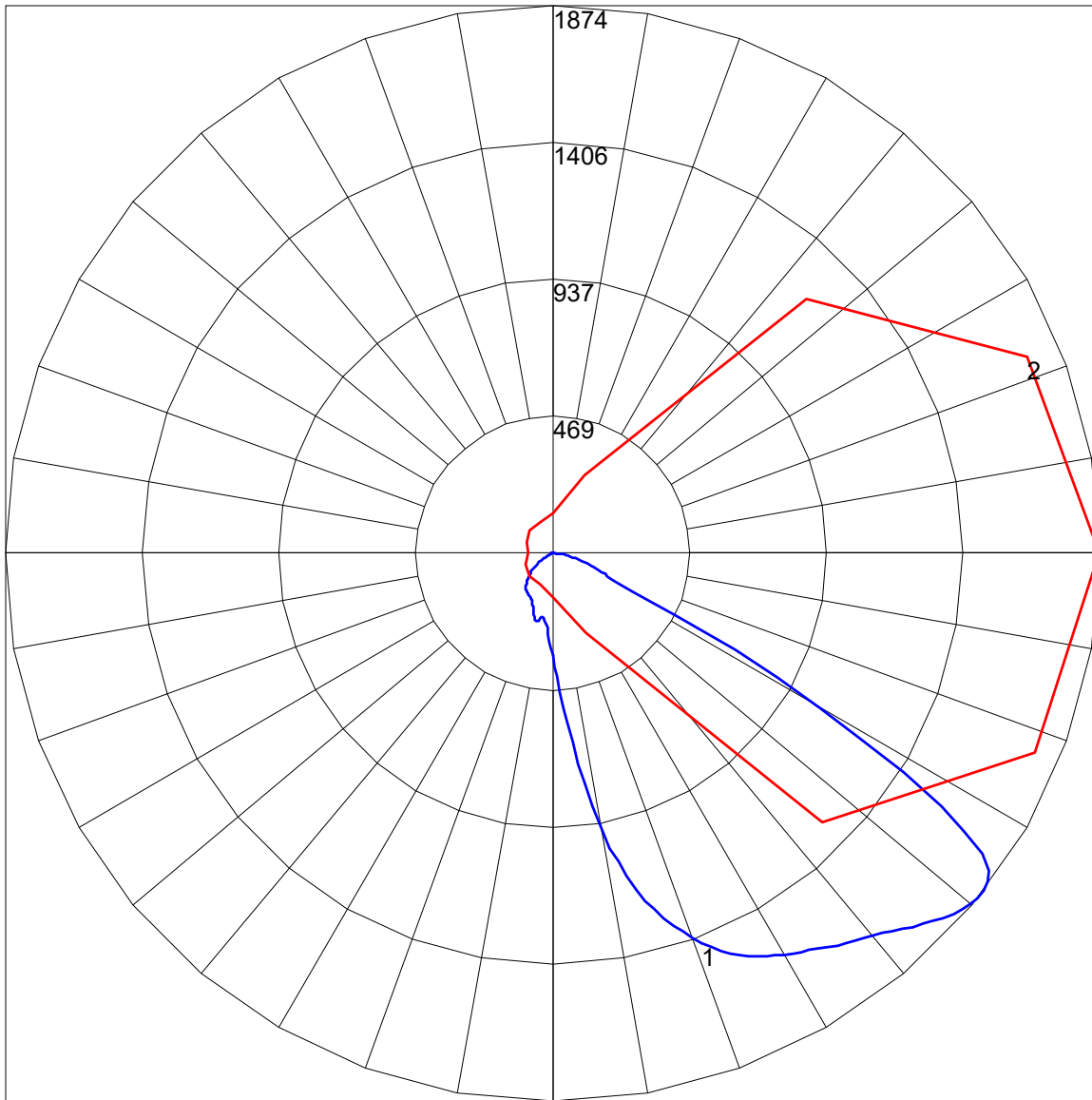
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

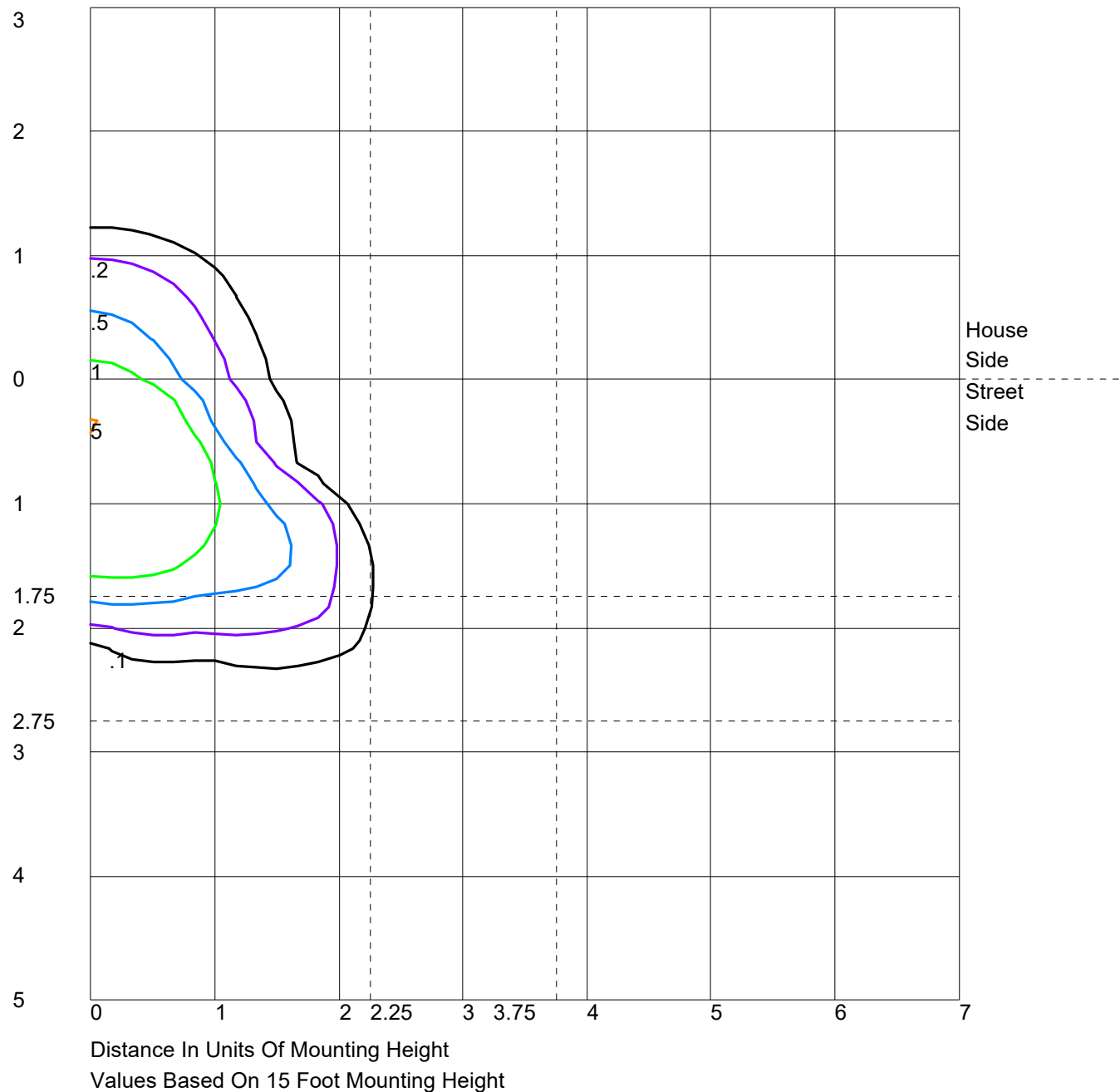
	Lumens	Percent Of Luminaire
Downward Street Side	2031.7	87.9
Downward House Side	275.9	11.9
Downward Total	2307.6	99.8
Upward Street Side	1.6	0.1
Upward House Side	3.0	0.1
Upward Total	4.6	0.2
Total Flux	2312.2	100.0

POLAR GRAPH

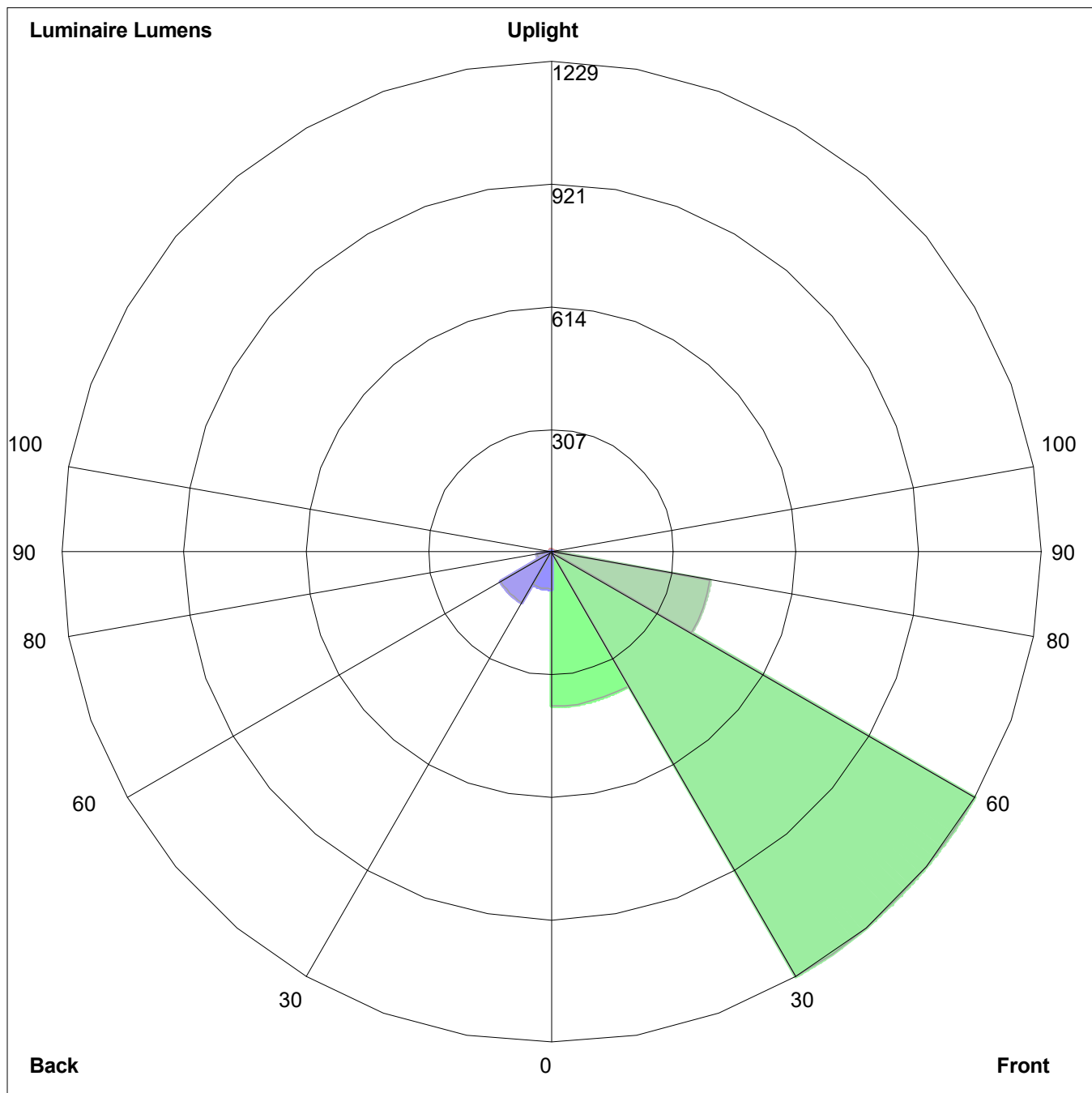


Maximum Candela = 1874.281 Located At Horizontal Angle = 360, Vertical Angle = 51
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (51) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=386.8, Medium=1228.6, High=404.9, Very High=11.3
Back: Low=92.5, Medium=145.5, High=35.0, Very High=2.8
Uplight: Low=0.7, High=3.9

BUG Rating : B0-U1-G1