



## IES ROAD REPORT

PHOTOMETRIC FILENAME : WPS S SEL 3 UV CP 7SEL (40W).IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[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 (40W)

[LUMCAT] WPS S SEL 3 UV CP 7SEL (40W)

[MORE] 40W/30K-50K/120-277V

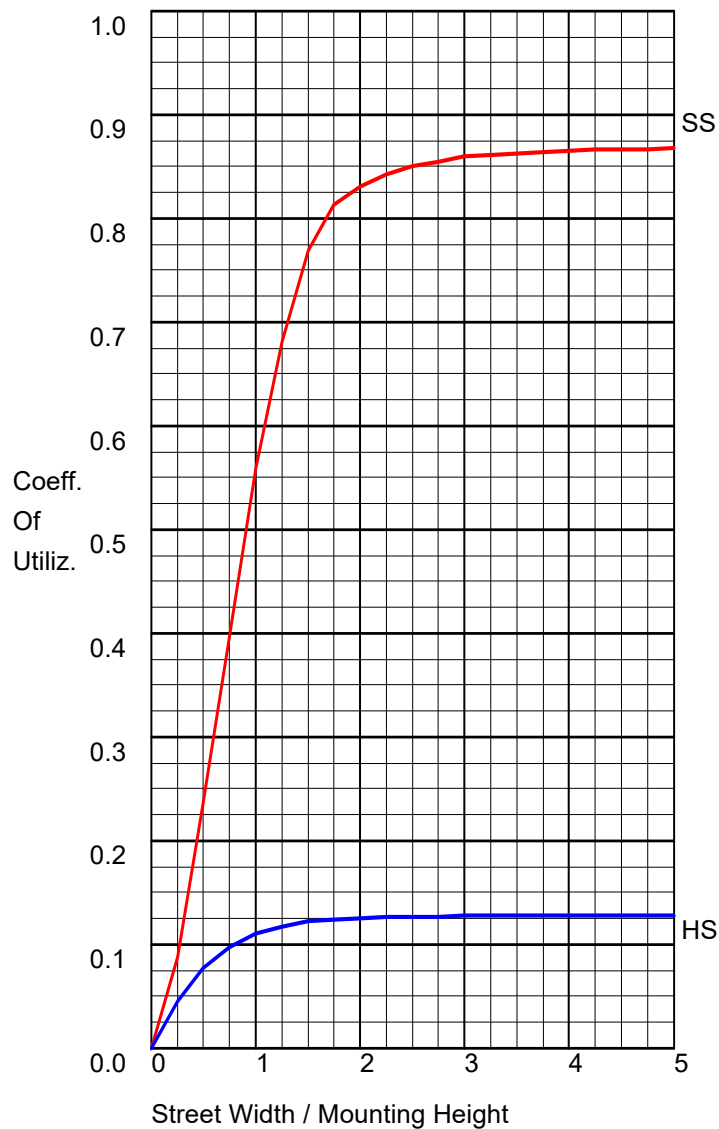
### CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4879
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	39.58
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4181.679
Maximum Candela Angle	360H 47V
Maximum Candela (<90 Degrees Vertical)	4181.679
Maximum Candela Angle (<90 Degrees Vertical)	360H 47V
Maximum Candela At 90 Degrees Vertical	2.843 (0.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	221.471 (4.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : WPS S SEL 3 UV CP 7SEL (40W).IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	813.0	N.A.	16.7
FM - Front-Medium (30-60)	2728.6	N.A.	55.9
FH - Front-High (60-80)	681.5	N.A.	14.0
FVH - Front-Very High (80-90)	21.4	N.A.	0.4
BL - Back-Low (0-30)	228.3	N.A.	4.7
BM - Back-Medium (30-60)	318.1	N.A.	6.5
BH - Back-High (60-80)	73.6	N.A.	1.5
BVH - Back-Very High (80-90)	5.8	N.A.	0.1
UL - Uplight-Low (90-100)	1.1	N.A.	0.0
UH - Uplight-High (100-180)	8.0	N.A.	0.2
Total	4879.4	N.A.	100.0
BUG Rating	B1-U1-G1		

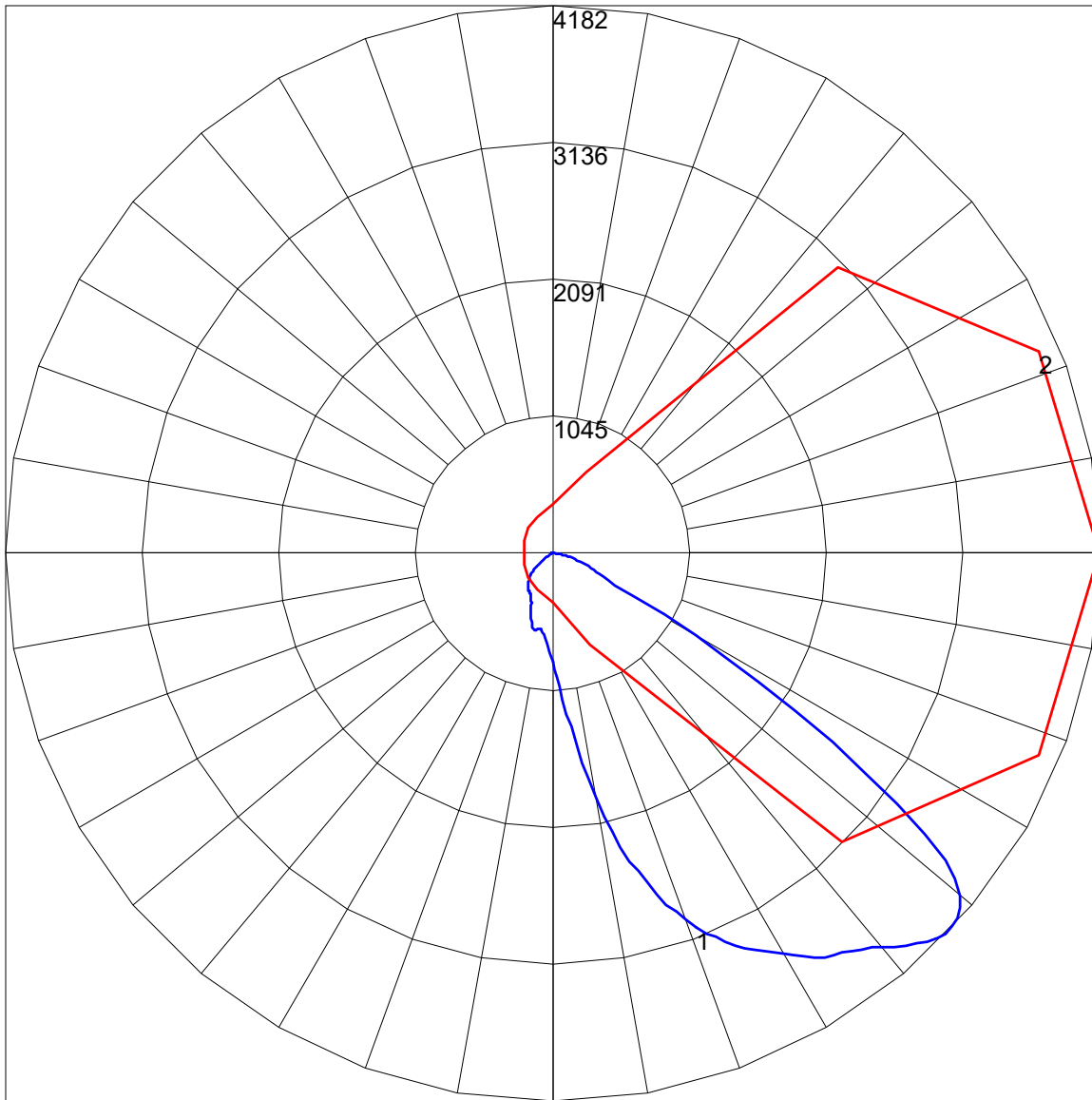
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

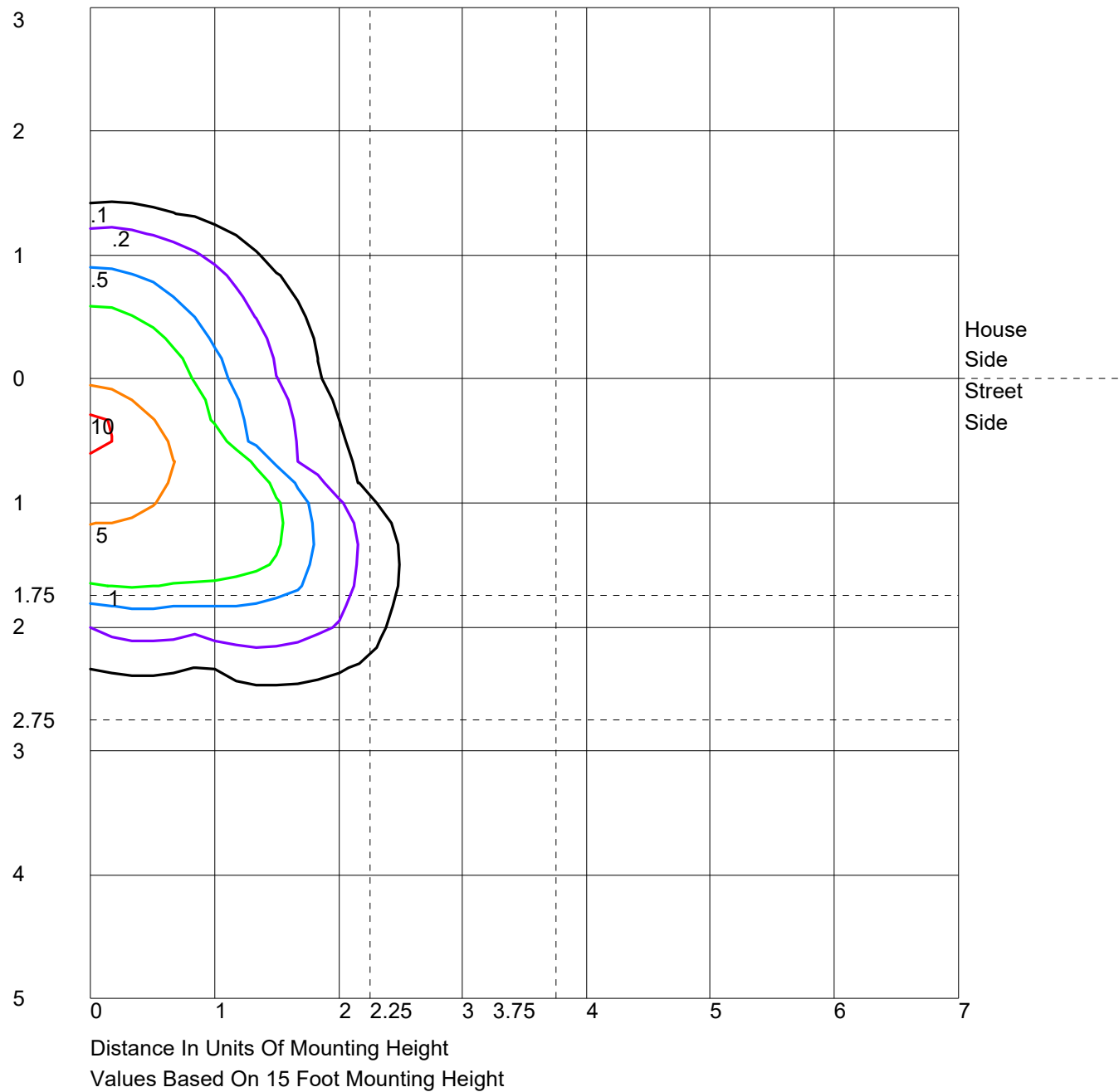
	Lumens	Percent Of Luminaire
Downward Street Side	4244.6	87.0
Downward House Side	625.7	12.8
Downward Total	4870.3	99.8
Upward Street Side	2.7	0.1
Upward House Side	6.3	0.1
Upward Total	9.0	0.2
Total Flux	4879.3	100.0

POLAR GRAPH

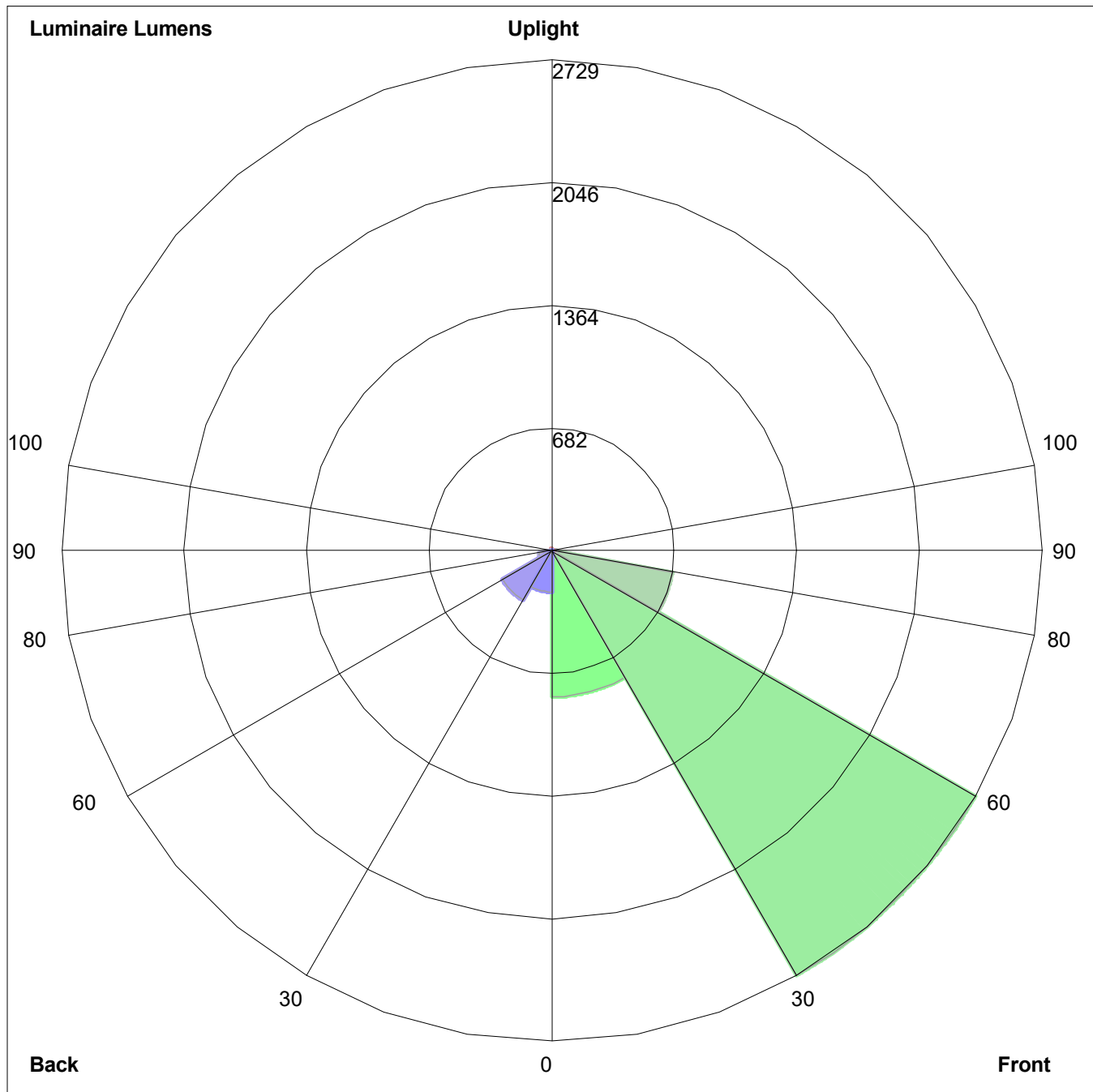


Maximum Candela = 4181.679 Located At Horizontal Angle = 360, Vertical Angle = 47  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (47) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=813.0, Medium=2728.6, High=681.5, Very High=21.4  
Back: Low=228.3, Medium=318.1, High=73.6, Very High=5.8  
Uplight: Low=1.1, High=8.0

BUG Rating : B1-U1-G1