



## IES ROAD REPORT

PHOTOMETRIC FILENAME : WDS SEL 2 UV CP 7SEL [50W, 4K-5K].IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co., Ltd. Testing Center

[TESTDATE] 09 November 2020

[ISSUEDATE]

[MANUFAC] LumenFocus, LLC.

[LUMCAT] WDS SEL 2 UV CP 7SEL [50W, 4K-5K]

[LUMINAIRE] LED DESIGNER FULL CUTOFF WALL PACK 50W-40K/50K/120-277V/DIM

[LUMCAT] LED SPEC-SELECT DESIGNER FULL CUTOFF WALL PACK 50W/-

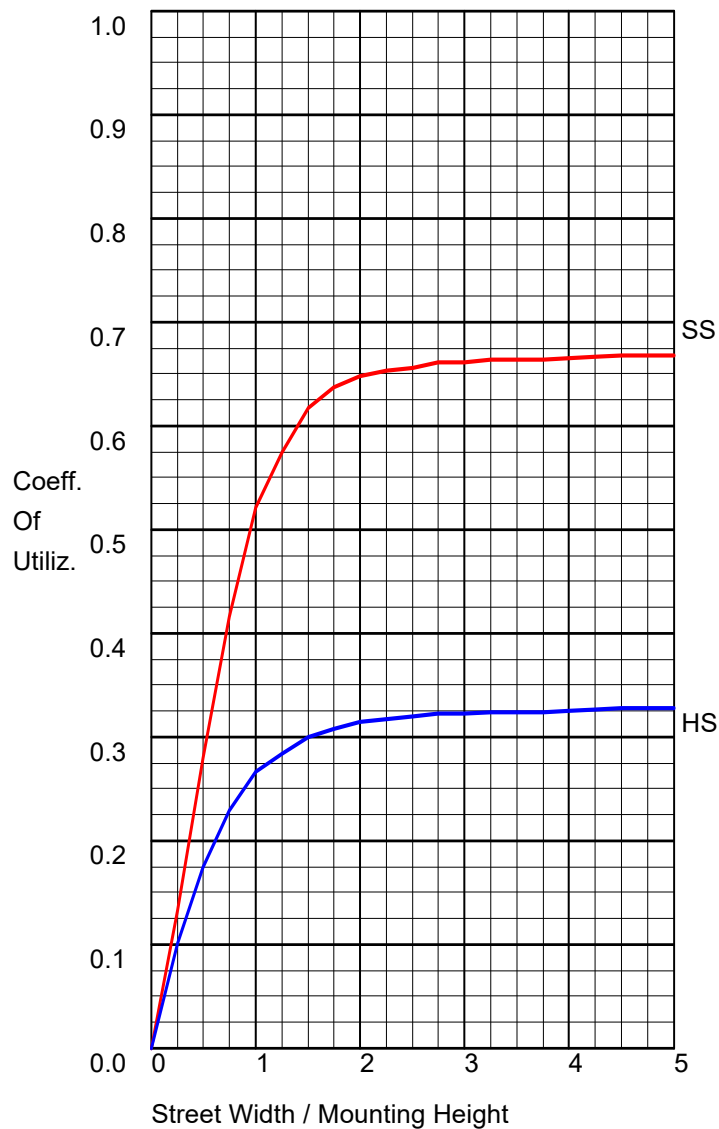
### CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7272
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	53.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3658.12
Maximum Candela Angle	360H 30V
Maximum Candela (<90 Degrees Vertical)	3658.12
Maximum Candela Angle (<90 Degrees Vertical)	360H 30V
Maximum Candela At 90 Degrees Vertical	3.276 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	367.983 (5.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : WDS SEL 2 UV CP 7SEL [50W, 4K-5K].IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1242.3	N.A.	17.1
FM - Front-Medium (30-60)	2910.4	N.A.	40.0
FH - Front-High (60-80)	677.5	N.A.	9.3
FVH - Front-Very High (80-90)	39.5	N.A.	0.5
BL - Back-Low (0-30)	815.7	N.A.	11.2
BM - Back-Medium (30-60)	1249.1	N.A.	17.2
BH - Back-High (60-80)	303.0	N.A.	4.2
BVH - Back-Very High (80-90)	25.3	N.A.	0.3
UL - Uplight-Low (90-100)	0.6	N.A.	0.0
UH - Uplight-High (100-180)	9.0	N.A.	0.1
Total	7272.4	N.A.	100.0
BUG Rating	B2-U1-G1		

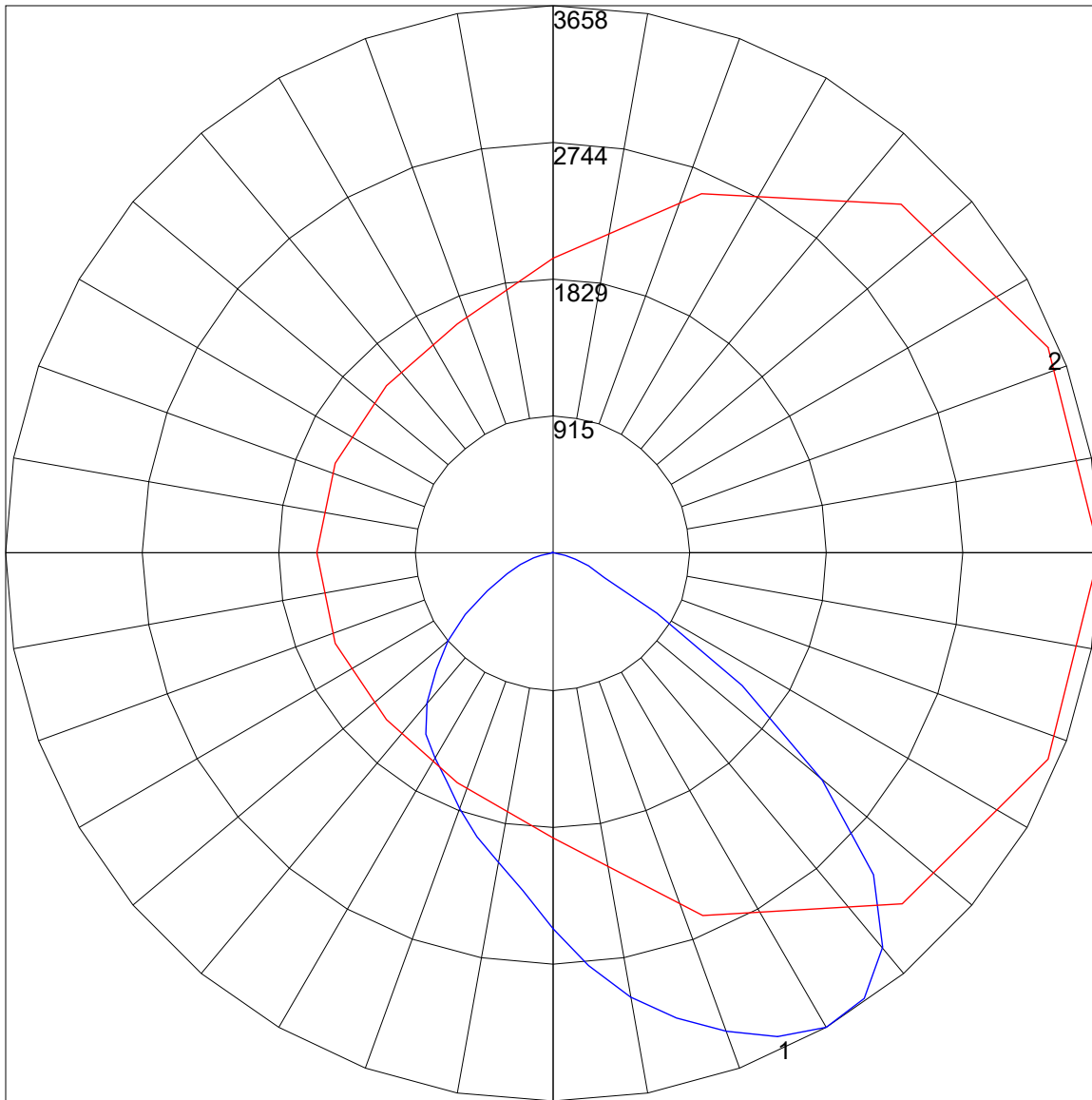
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

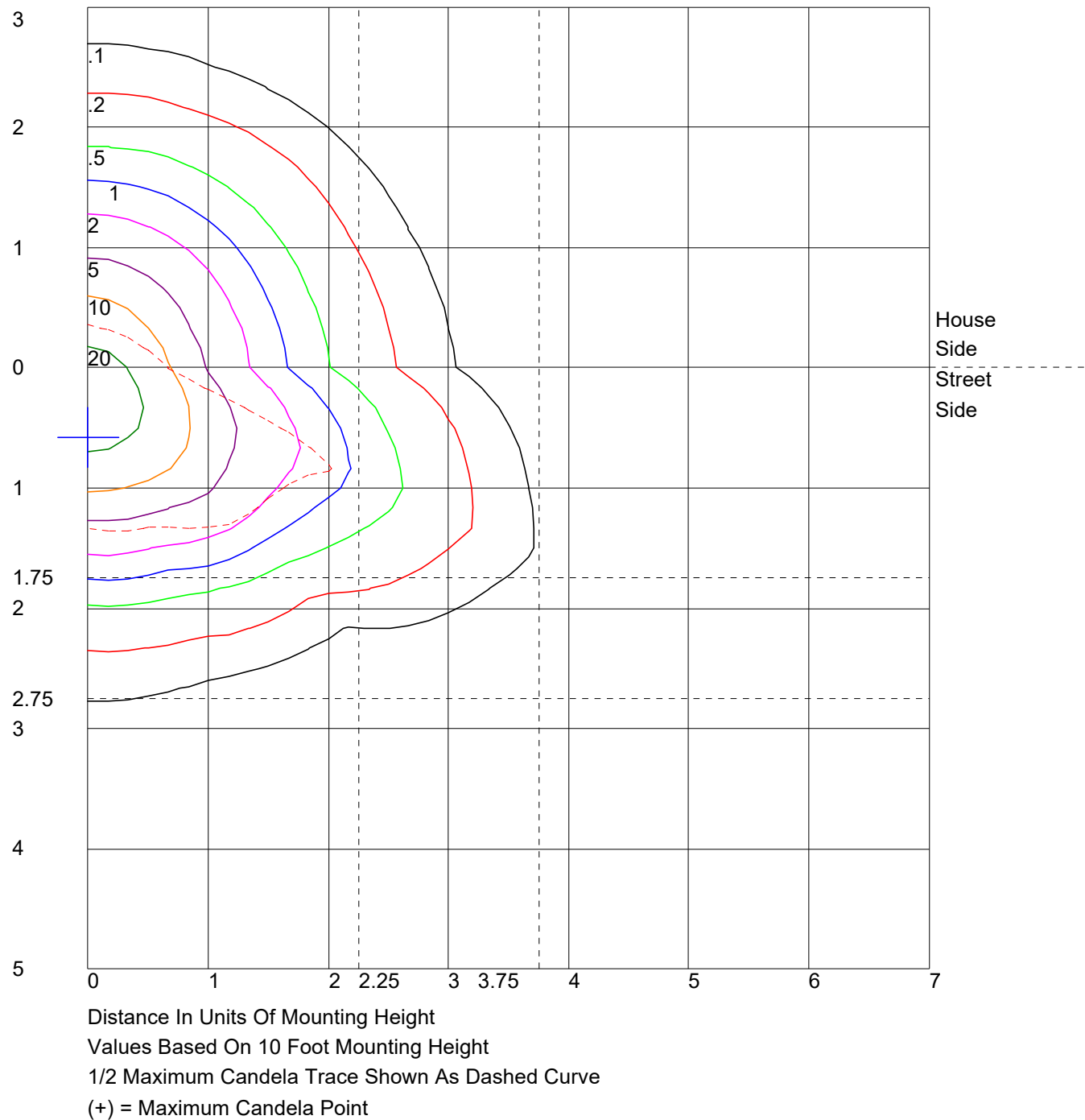
	Lumens	Percent Of Luminaire
Downward Street Side	4869.6	67.0
Downward House Side	2393.1	32.9
Downward Total	7262.7	99.9
Upward Street Side	3.7	0.1
Upward House Side	5.9	0.1
Upward Total	9.6	0.1
Total Flux	7272.3	100.0

POLAR GRAPH

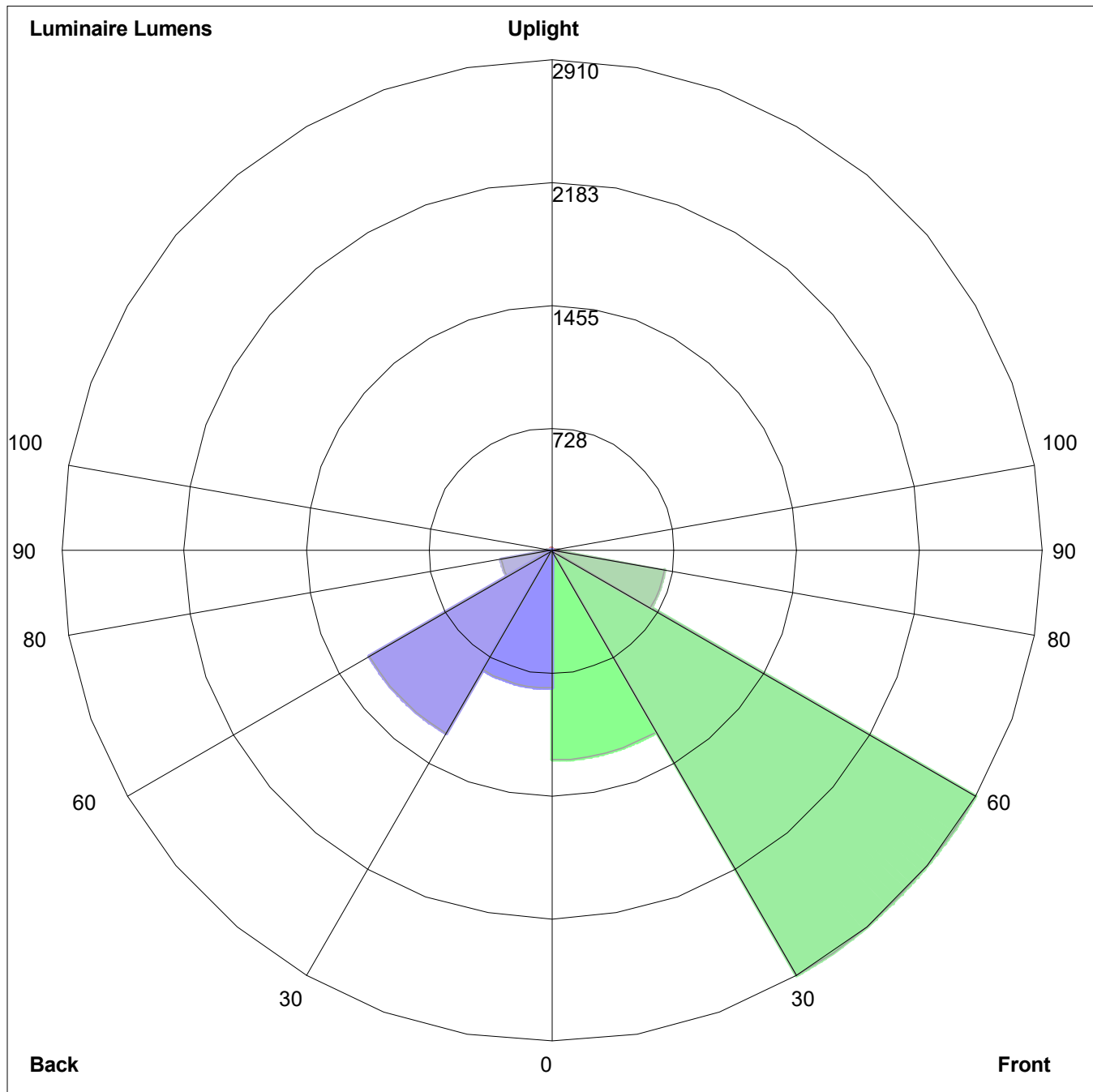


Maximum Candela = 3658.12 Located At Horizontal Angle = 360, Vertical Angle = 30  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1242.3, Medium=2910.4, High=677.5, Very High=39.5  
Back: Low=815.7, Medium=1249.1, High=303.0, Very High=25.3  
Uplight: Low=0.6, High=9.0

BUG Rating : B2-U1-G1