

## IES ROAD REPORT

PHOTOMETRIC FILENAME : ADS SEL 5S UV FPC 7SEL\_50W-5000K.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 20201113(s)

[TESTLAB] Dongguan New Testing Centre Co., Ltd

[TESTDATE] 13 November 2020

[ISSUEDATE] 2020-11-16 13:34:07

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000\_V2 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMCAT] ADS SEL 5S UV FPC 7SEL

[LUMINAIRE] DUSK TO DAWN AREA LIGHT SELECT (50W-5000K)

[BALLAST] 120-277Vac 50/60Hz

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	205.22	205.22	2.54	2.54
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[OTHER]	10- 20	625.68	830.90	10.29	10.29
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[OTHER]	20- 30	1033.28	1864.18	23.09	23.09
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[OTHER]	30- 40	1398.45	3262.63	40.41	40.41
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[OTHER]	40- 50	1672.20	4934.82	61.12	61.12
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[OTHER]	50- 60	1617.33	6552.15	81.15	81.15
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[OTHER]	60- 70	1011.77	7563.92	93.68	93.68
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[OTHER]	70- 80	370.68	7934.61	98.27	98.27
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[OTHER]	80- 90	106.72	8041.33	99.59	99.59
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[OTHER]	90-100	13.83	8055.16	99.76	99.76
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[OTHER]	100-110	7.70	8062.86	99.85	99.85
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[OTHER]	110-120	3.93	8066.79	99.90	99.90
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[OTHER]	120-130	2.79	8069.58	99.94	99.94
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[OTHER]	130-140	1.77	8071.35	99.96	99.96
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[OTHER]	140-150	1.31	8072.66	99.98	99.98
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[OTHER]	150-160	1.05	8073.71	99.99	99.99
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[OTHER]	160-170	0.67	8074.37	100.00	100.00
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[OTHER]	170-180	0.23	8074.60	100.00	100.00
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[OTHER]

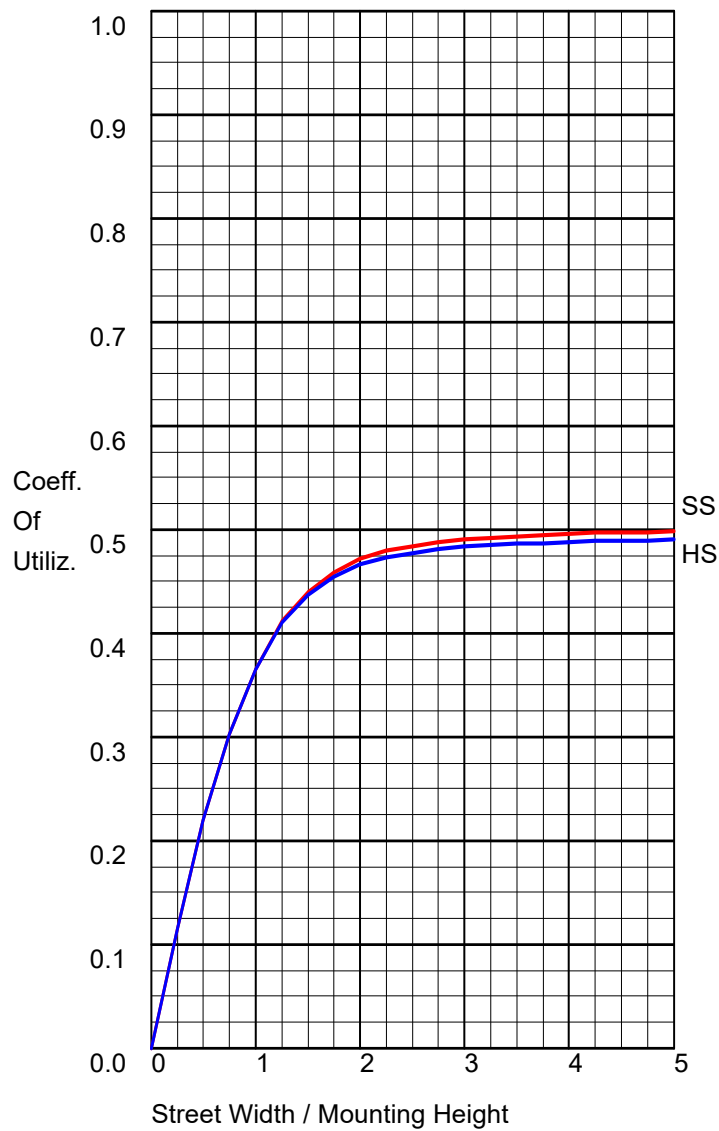
**IES ROAD REPORT****PHOTOMETRIC FILENAME : ADS SEL 5S UV FPC 7SEL\_50W-5000K.IES****CHARACTERISTICS**

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6701
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	50
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1956.873
Maximum Candela Angle	300H 37V
Maximum Candela (<90 Degrees Vertical)	1956.873
Maximum Candela Angle (<90 Degrees Vertical)	300H 37V
Maximum Candela At 90 Degrees Vertical	37.054 (0.6% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	202.634 (3.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	773.4	N.A.	11.5
FM - Front-Medium (30-60)	1953.0	N.A.	29.1
FH - Front-High (60-80)	594.0	N.A.	8.9
FVH - Front-Very High (80-90)	46.4	N.A.	0.7
BL - Back-Low (0-30)	773.7	N.A.	11.5
BM - Back-Medium (30-60)	1937.7	N.A.	28.9
BH - Back-High (60-80)	553.4	N.A.	8.3
BVH - Back-Very High (80-90)	42.2	N.A.	0.6
UL - Uplight-Low (90-100)	11.5	N.A.	0.2
UH - Uplight-High (100-180)	16.1	N.A.	0.2
Total	6701.4	N.A.	100.0
BUG Rating	B2-U2-G1		

COEFFICIENTS OF UTILIZATION



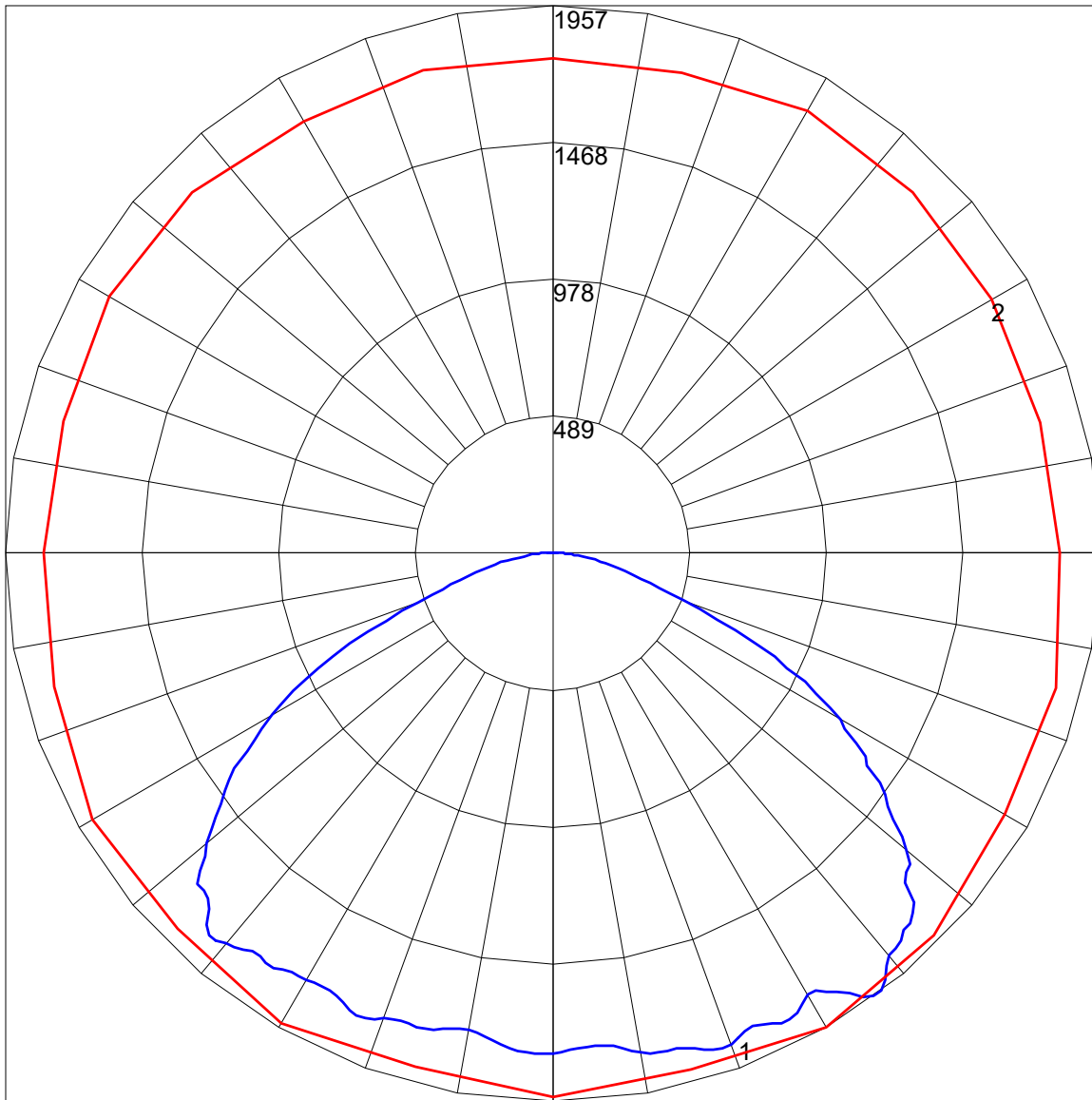
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	3366.7	50.2
Downward House Side	3306.9	49.3
Downward Total	6673.6	99.6
Upward Street Side	13.5	0.2
Upward House Side	14.1	0.2
Upward Total	27.6	0.4
Total Flux	6701.2	100.0

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## POLAR GRAPH

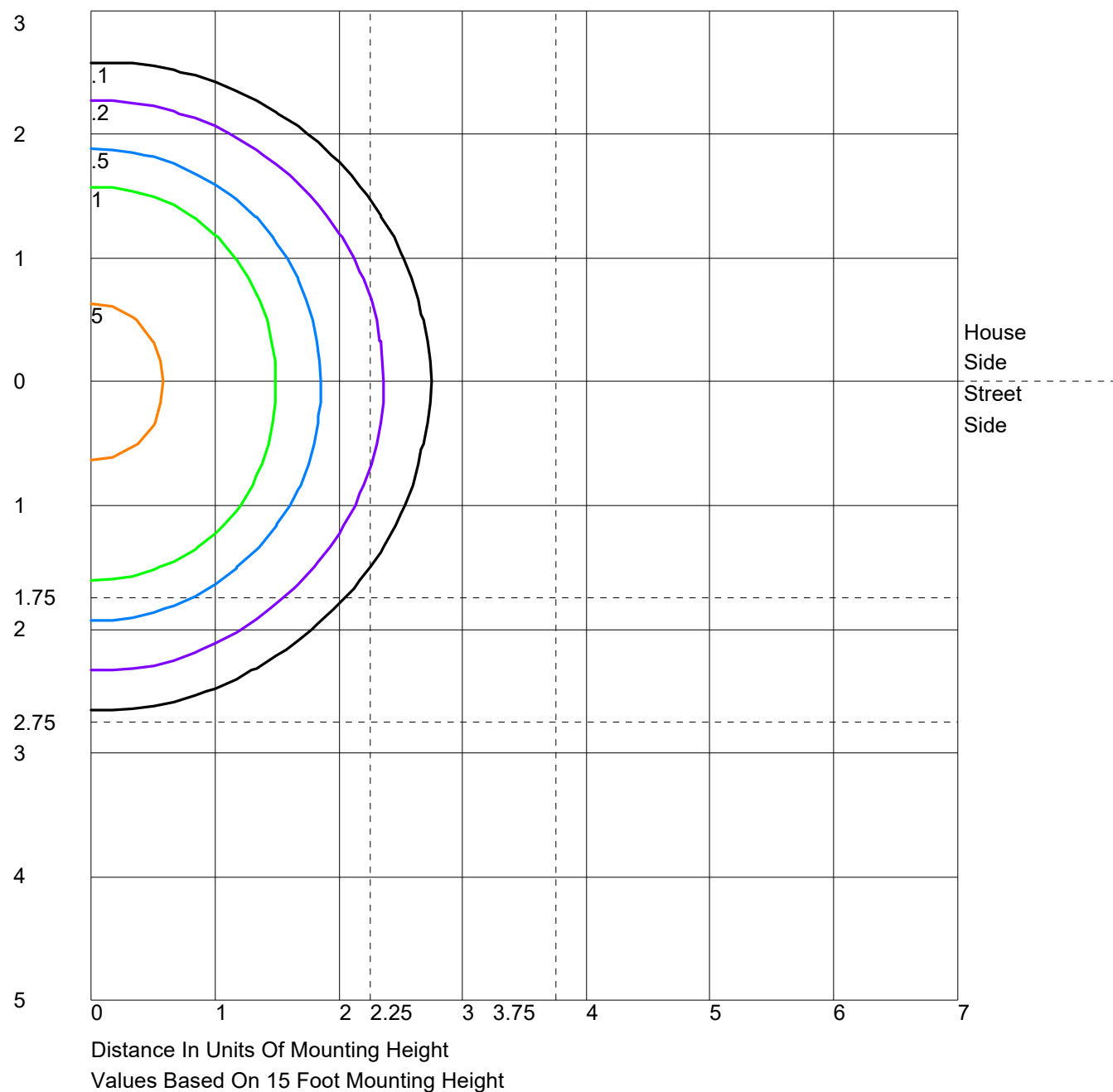


Maximum Candela = 1956.873 Located At Horizontal Angle = 300, Vertical Angle = 37

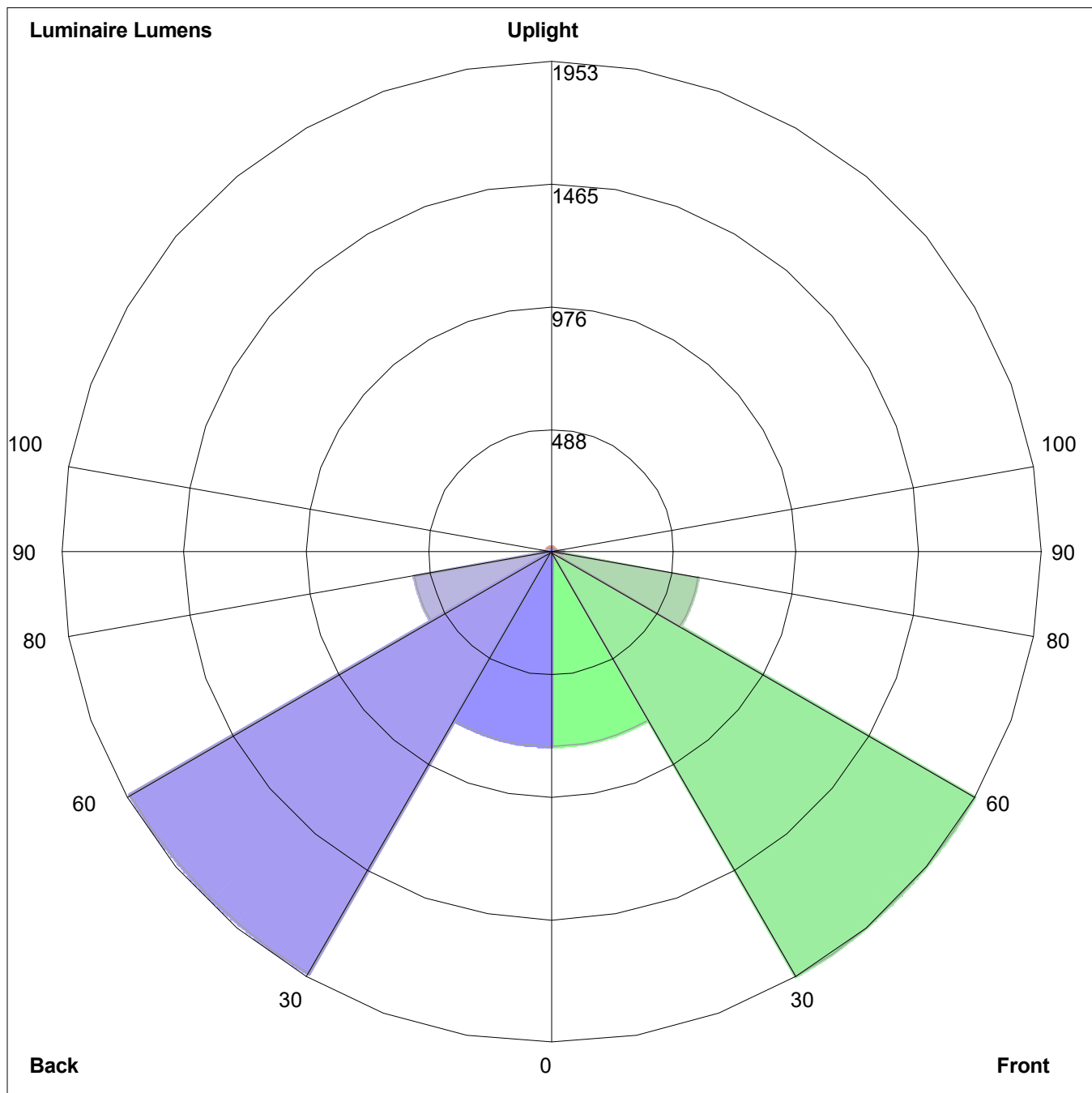
# 1 - Vertical Plane Through Horizontal Angles (300 - 120) (Through Max. Cd.)

# 2 - Horizontal Cone Through Vertical Angle (37) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=773.4, Medium= 1953.0, High=594.0, Very High=46.4  
Back: Low=773.7, Medium=1937.7, High=553.4, Very High=42.2  
Uplight: Low=11.5, High=16.1

BUG Rating : B2-U2-G1