

IES ROAD REPORT

PHOTOMETRIC FILENAME : ADS SEL 5S UV FPC 7SEL_50W-4000K.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-4000K)

[BALLAST] 120-277Vac 50/60Hz

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
---------	------------	--------	--------	------	-------

[OTHER]	0- 10	205.22	205.22	2.54	2.54
---------	-------	--------	--------	------	------

[OTHER]	10- 20	625.68	830.90	10.29	10.29
---------	--------	--------	--------	-------	-------

[OTHER]	20- 30	1033.28	1864.18	23.09	23.09
---------	--------	---------	---------	-------	-------

[OTHER]	30- 40	1398.45	3262.63	40.41	40.41
---------	--------	---------	---------	-------	-------

[OTHER]	40- 50	1672.20	4934.82	61.12	61.12
---------	--------	---------	---------	-------	-------

[OTHER]	50- 60	1617.33	6552.15	81.15	81.15
---------	--------	---------	---------	-------	-------

[OTHER]	60- 70	1011.77	7563.92	93.68	93.68
---------	--------	---------	---------	-------	-------

[OTHER]	70- 80	370.68	7934.61	98.27	98.27
---------	--------	--------	---------	-------	-------

[OTHER]	80- 90	106.72	8041.33	99.59	99.59
---------	--------	--------	---------	-------	-------

[OTHER]	90-100	13.83	8055.16	99.76	99.76
---------	--------	-------	---------	-------	-------

[OTHER]	100-110	7.70	8062.86	99.85	99.85
---------	---------	------	---------	-------	-------

[OTHER]	110-120	3.93	8066.79	99.90	99.90
---------	---------	------	---------	-------	-------

[OTHER]	120-130	2.79	8069.58	99.94	99.94
---------	---------	------	---------	-------	-------

[OTHER]	130-140	1.77	8071.35	99.96	99.96
---------	---------	------	---------	-------	-------

[OTHER]	140-150	1.31	8072.66	99.98	99.98
---------	---------	------	---------	-------	-------

[OTHER]	150-160	1.05	8073.71	99.99	99.99
---------	---------	------	---------	-------	-------

[OTHER]	160-170	0.67	8074.37	100.00	100.00
---------	---------	------	---------	--------	--------

[OTHER]	170-180	0.23	8074.60	100.00	100.00
---------	---------	------	---------	--------	--------

[OTHER]

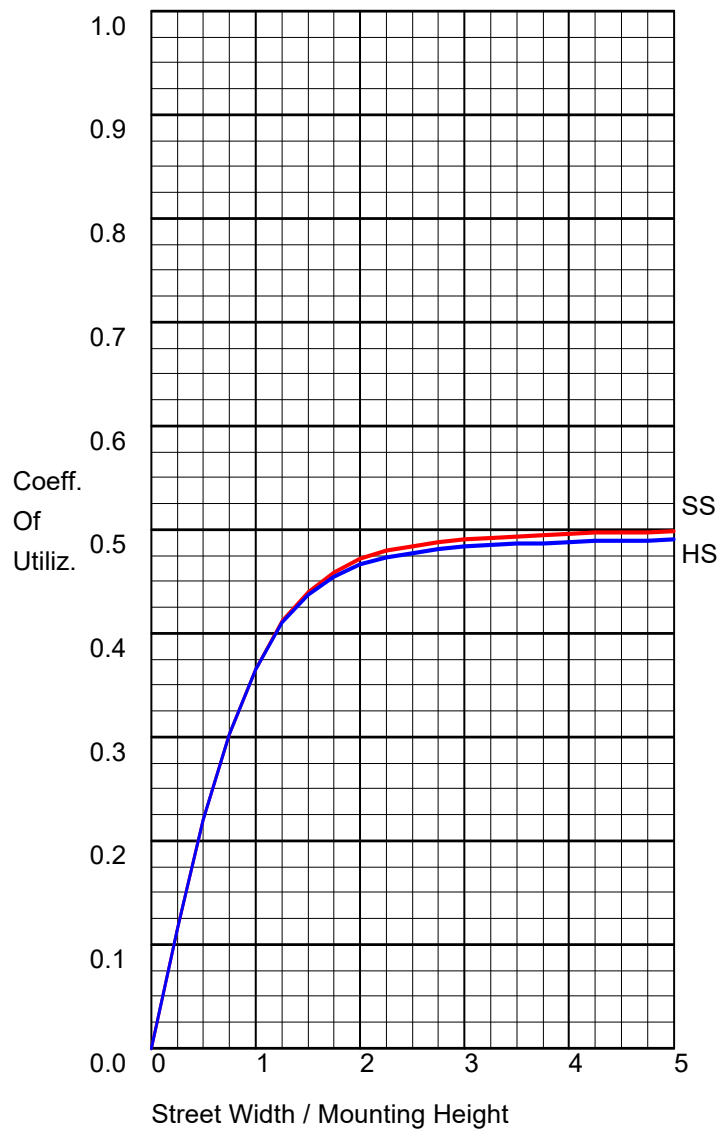
IES ROAD REPORT**PHOTOMETRIC FILENAME : ADS SEL 5S UV FPC 7SEL_50W-4000K.IES****CHARACTERISTICS**

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7544
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	151
Total Luminaire Watts	50
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2202.994
Maximum Candela Angle	300H 37V
Maximum Candela (<90 Degrees Vertical)	2202.994
Maximum Candela Angle (<90 Degrees Vertical)	300H 37V
Maximum Candela At 90 Degrees Vertical	41.715 (0.6% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	228.119 (3.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	870.7	N.A.	11.5
FM - Front-Medium (30-60)	2198.6	N.A.	29.1
FH - Front-High (60-80)	668.7	N.A.	8.9
FVH - Front-Very High (80-90)	52.2	N.A.	0.7
BL - Back-Low (0-30)	871.0	N.A.	11.5
BM - Back-Medium (30-60)	2181.4	N.A.	28.9
BH - Back-High (60-80)	623.0	N.A.	8.3
BVH - Back-Very High (80-90)	47.5	N.A.	0.6
UL - Uplight-Low (90-100)	12.9	N.A.	0.2
UH - Uplight-High (100-180)	18.2	N.A.	0.2
Total	7544.2	N.A.	100.0
BUG Rating	B2-U2-G1		

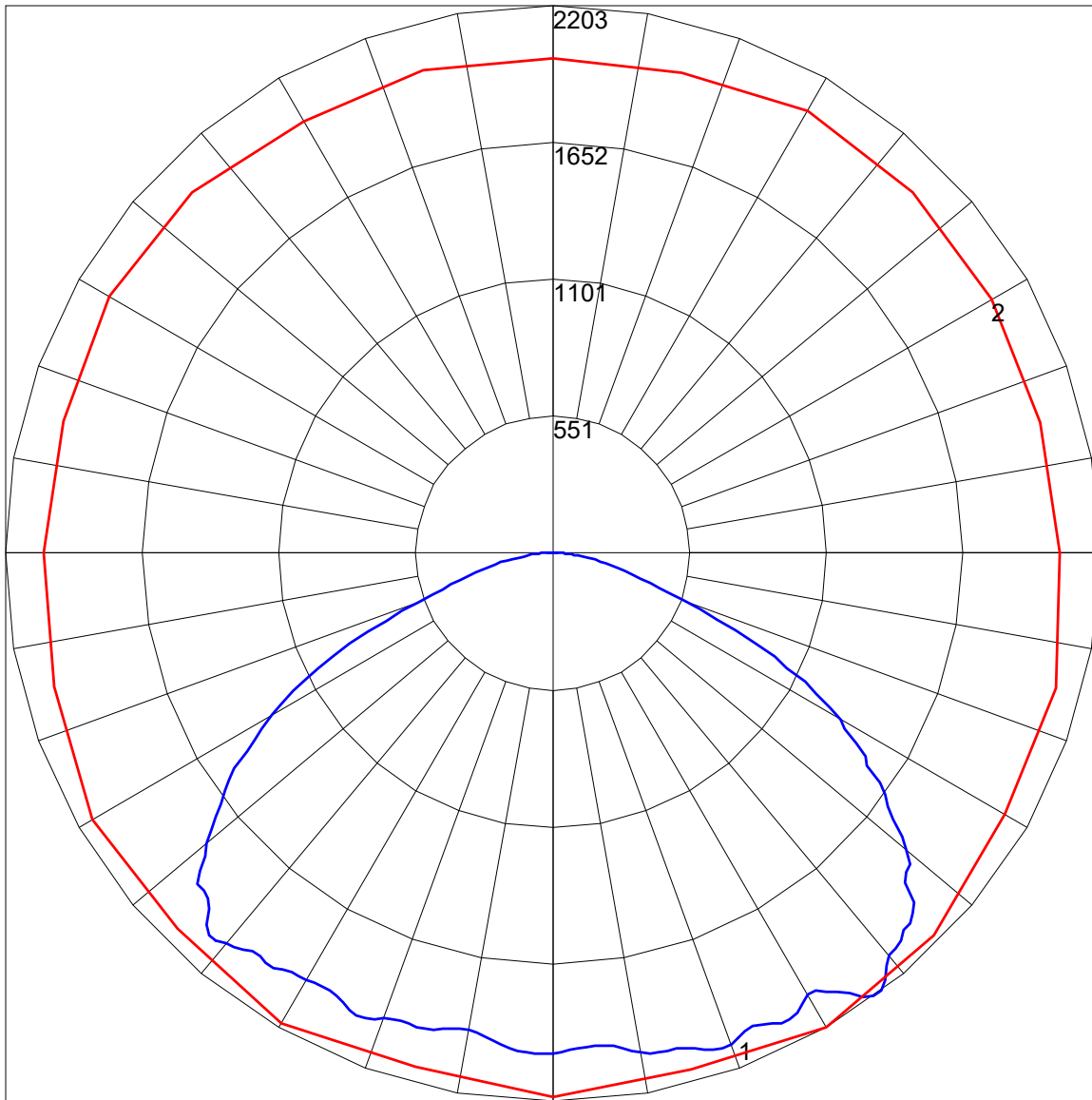
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

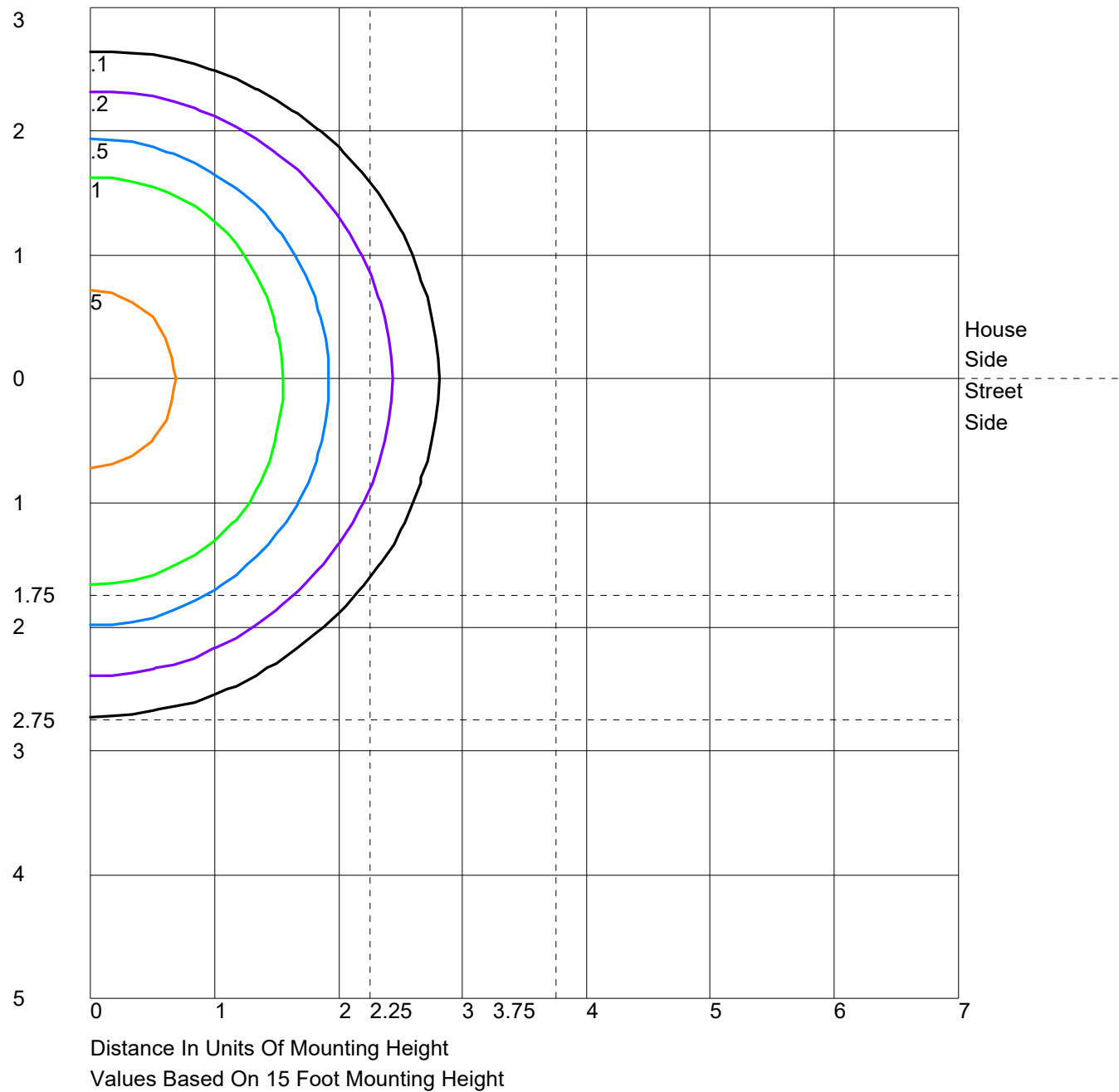
	Lumens	Percent Of Luminaire
Downward Street Side	3790.2	50.2
Downward House Side	3722.9	49.3
Downward Total	7513.1	99.6
Upward Street Side	15.2	0.2
Upward House Side	15.9	0.2
Upward Total	31.1	0.4
Total Flux	7544.2	100.0

POLAR GRAPH

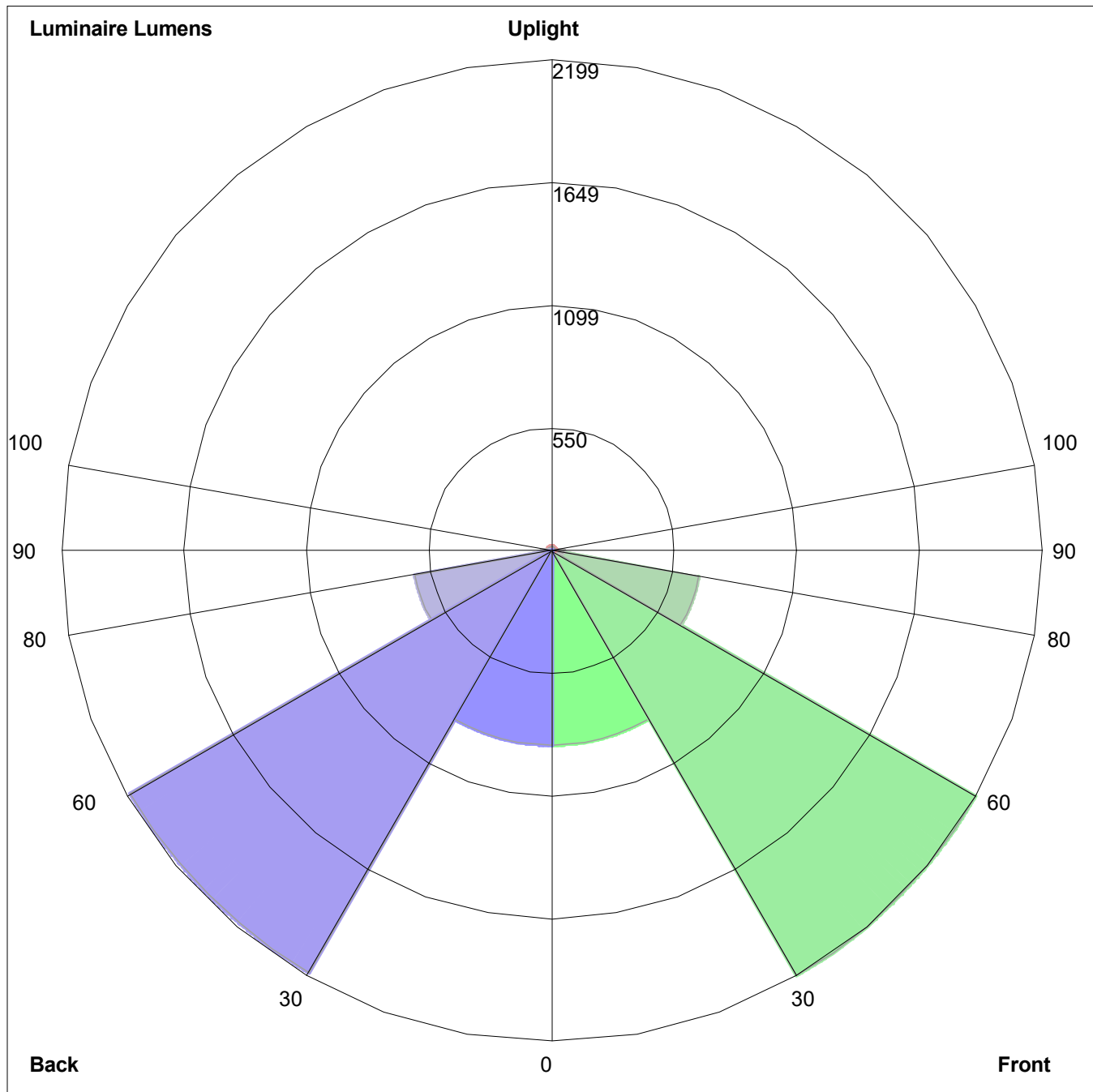


Maximum Candela = 2202.994 Located At Horizontal Angle = 300, Vertical Angle = 37
1 - Vertical Plane Through Horizontal Angles (300 - 120) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (37) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=870.7, Medium=2198.6, High=668.7, Very High=52.2
 Back: Low=871.0, Medium=2181.4, High=623.0, Very High=47.5
 Uplight: Low=12.9, High=18.2

BUG Rating : B2-U2-G1