

IES ROAD REPORT**PHOTOMETRIC FILENAME : SAM-36L-U-40-T3.IES****DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAM-36L-U-40-T3

[LUMINAIRE] Skyline Medium, 36,000 Lumens, 4000K, Type 3 Optic

[LAMP] N/A

CHARACTERISTICS

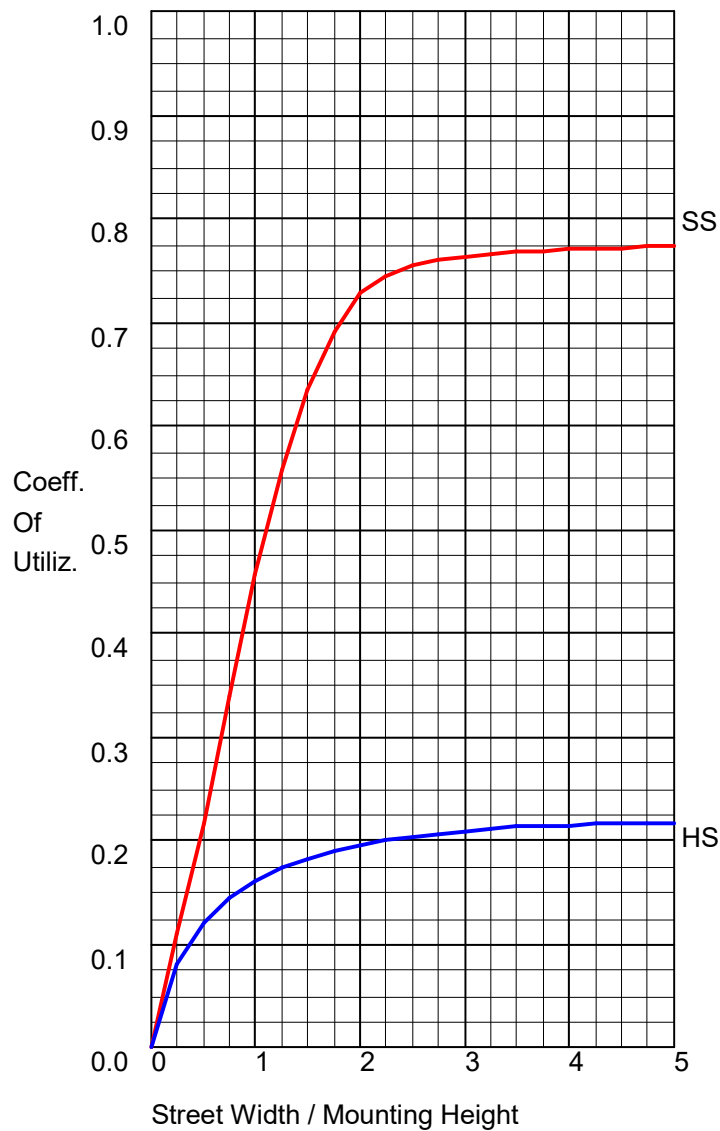
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	35725 (1 lamp)
Total Lamp Lumens	35725
Luminaire Lumens	35725
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	233.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	25714.766
Maximum Candela Angle	300H 65V
Maximum Candela (<90 Degrees Vertical)	25714.766
Maximum Candela Angle (<90 Degrees Vertical)	300H 65V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2663.097 (7.5% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2296.8	6.4	6.4
FM - Front-Medium (30-60)	14199.1	39.7	39.7
FH - Front-High (60-80)	11037.6	30.9	30.9
FVH - Front-Very High (80-90)	310.0	0.9	0.9
BL - Back-Low (0-30)	1364.7	3.8	3.8
BM - Back-Medium (30-60)	4035.3	11.3	11.3
BH - Back-High (60-80)	2347.2	6.6	6.6
BVH - Back-Very High (80-90)	134.1	0.4	0.4
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	35724.8	100.0	100.0
BUG Rating	B3-U0-G4		

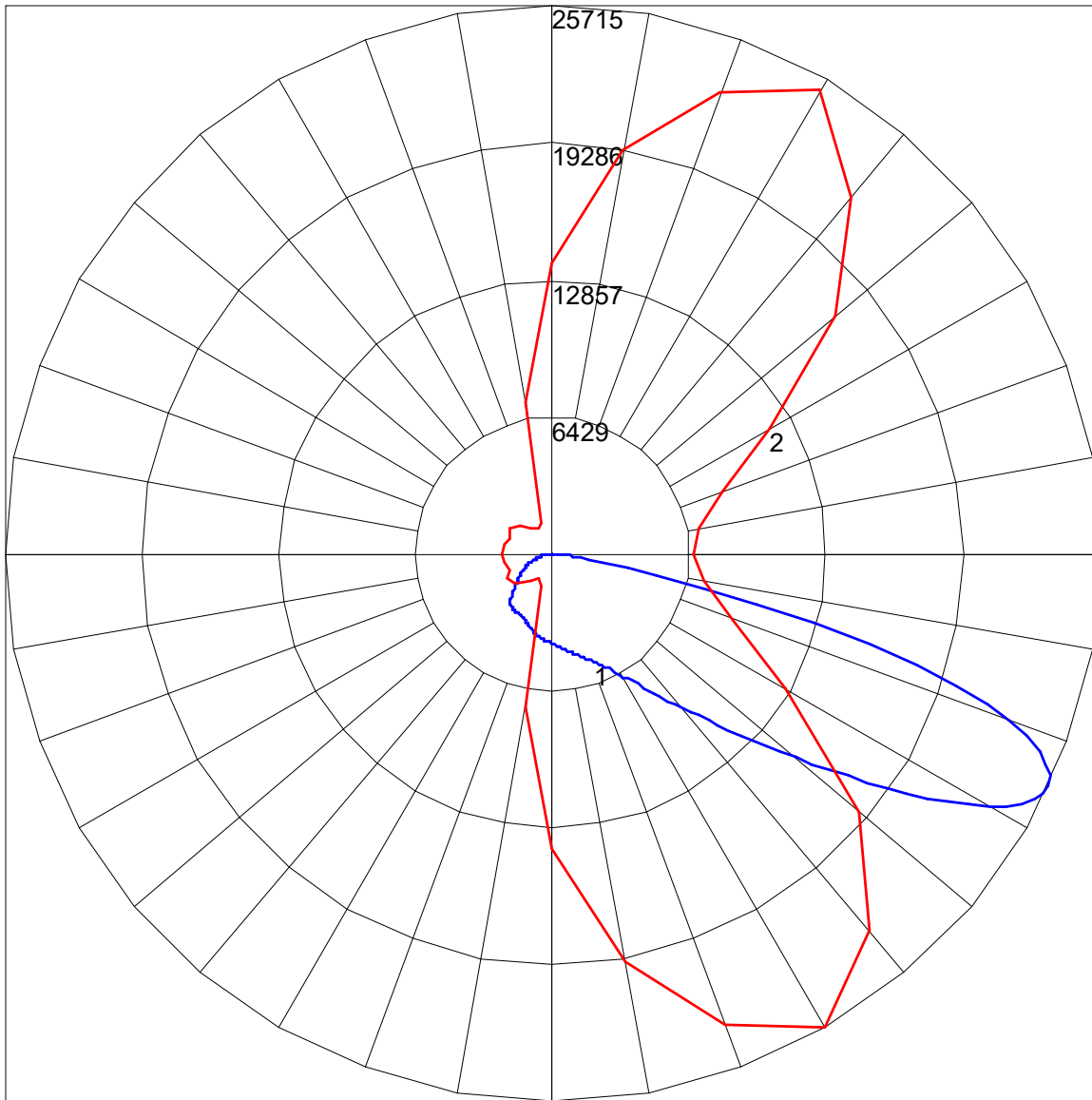
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

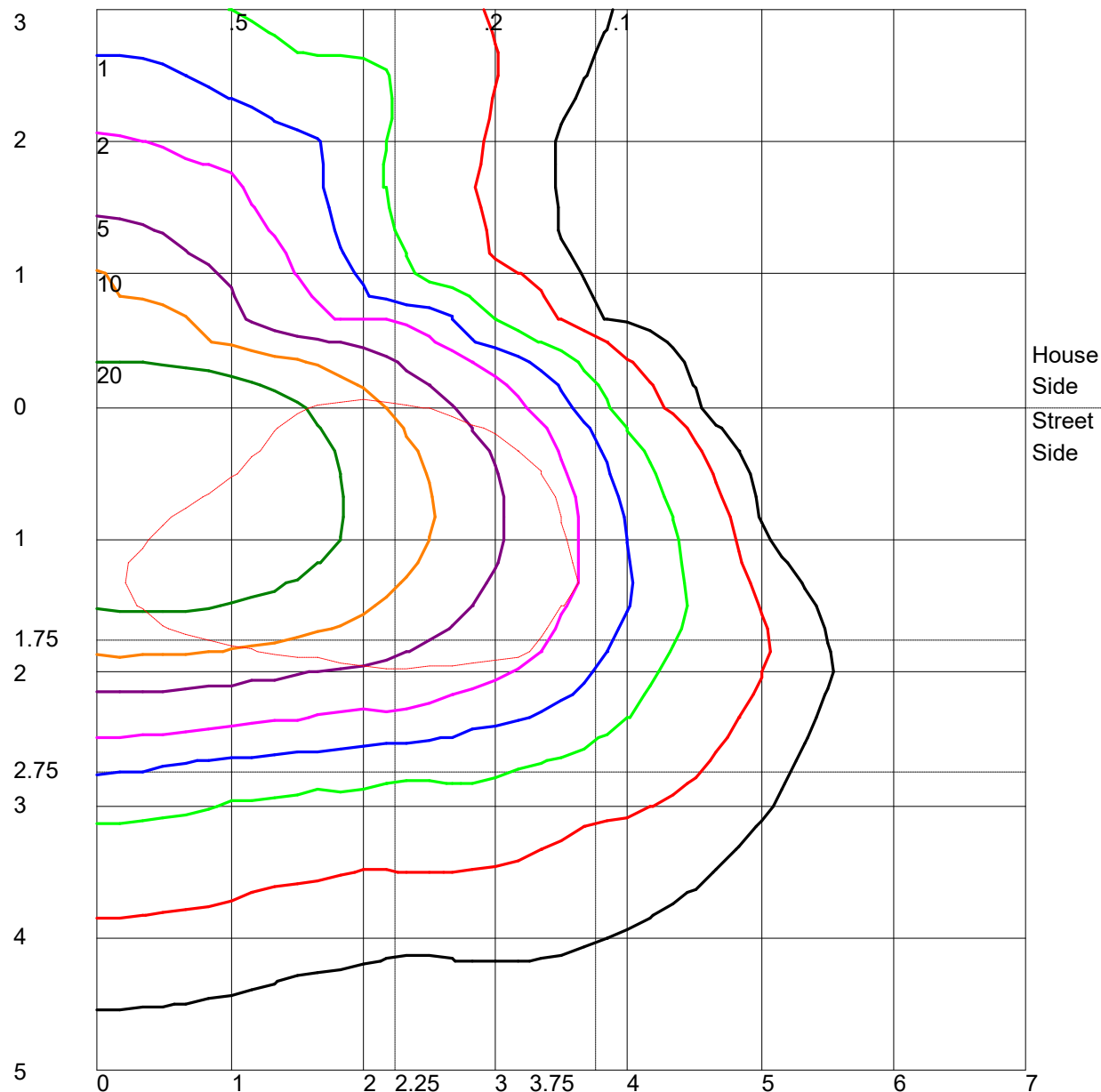
	Lumens	Percent Of Lamp
Downward Street Side	27843.5	77.9
Downward House Side	7881.3	22.1
Downward Total	35724.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	35724.8	100.0

POLAR GRAPH

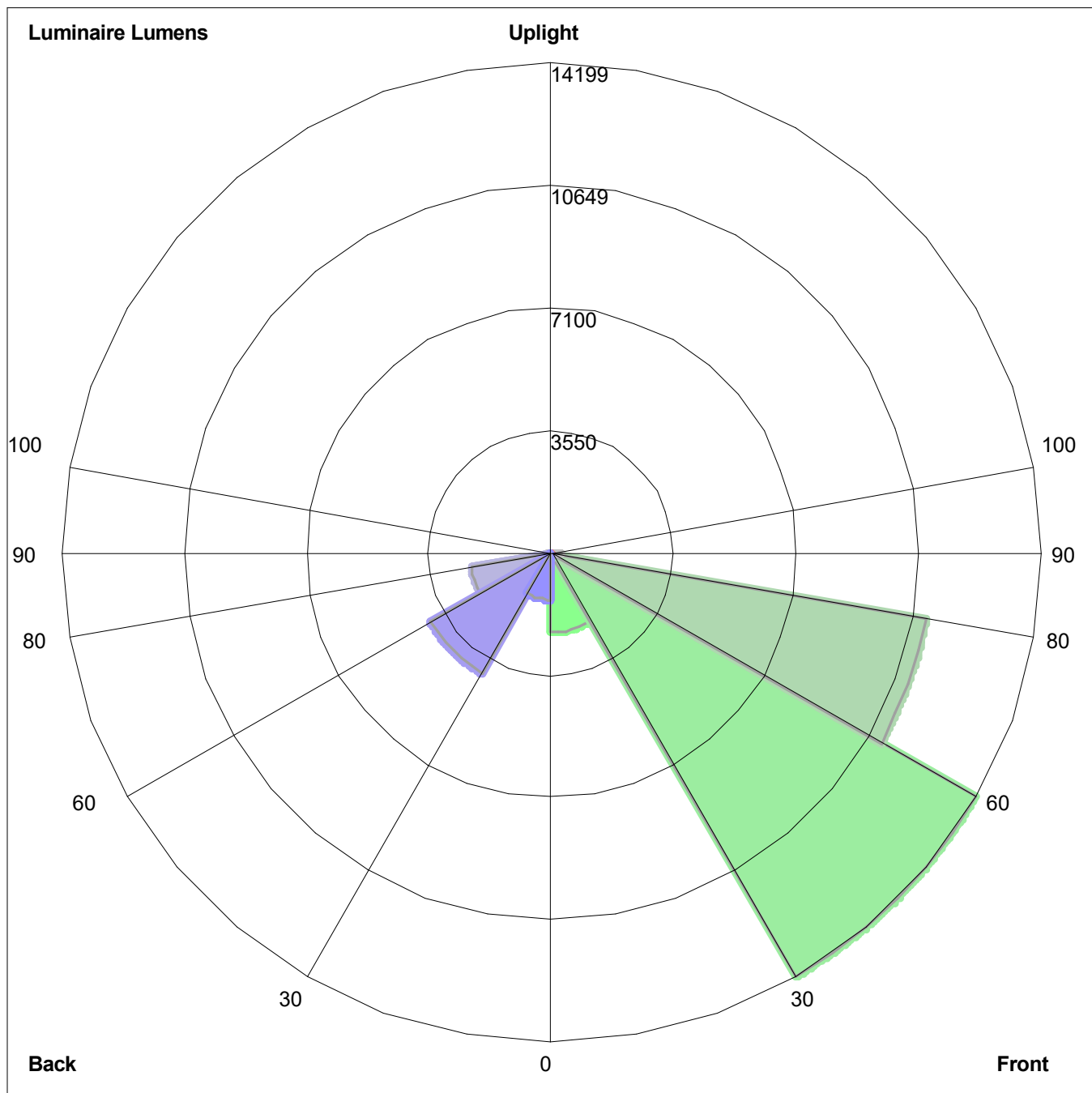


Maximum Candela = 25714.766 Located At Horizontal Angle = 300, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (300 - 120) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2296.8, Medium=14199.1, High=11037.6, Very High=310.0
Back: Low=1364.7, Medium=4035.3, High=2347.2, Very High=134.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4