

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAM-30L-U-40-FTA.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAM-30L-U-40-FTA

[LUMINAIRE] Skyline Medium, 30,000 Lumens, 4000K, Forward Throw Automotive

[LAMP] N/A

CHARACTERISTICS

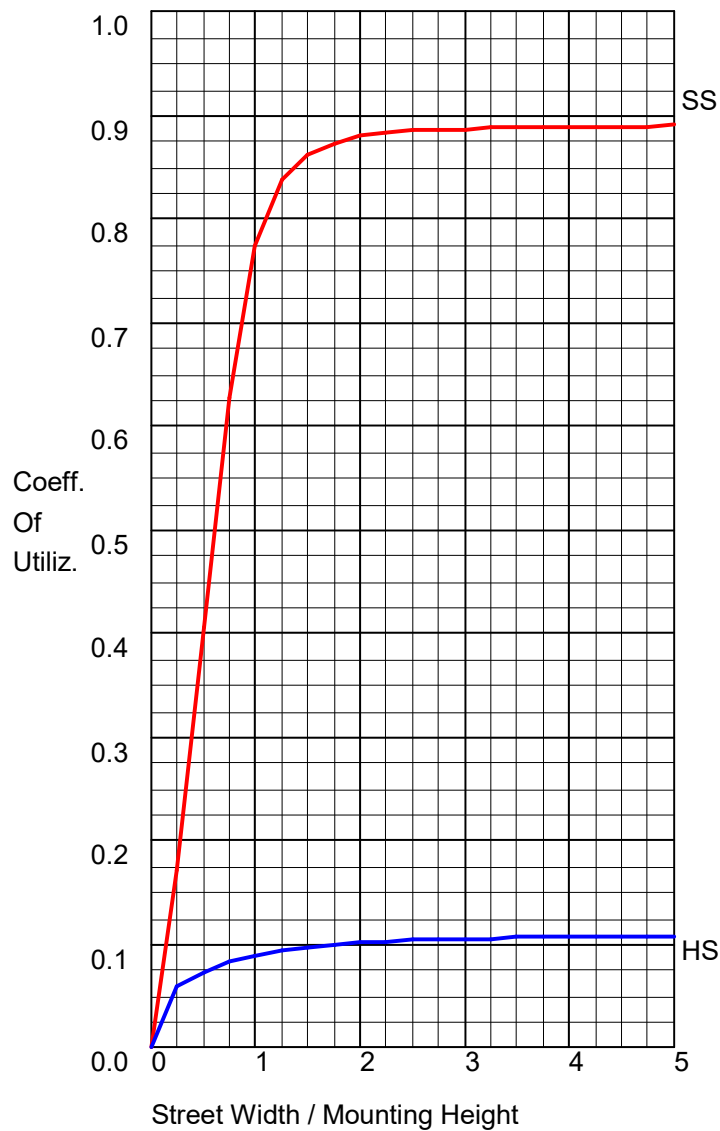
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	30984 (1 lamp)
Total Lamp Lumens	30984
Luminaire Lumens	30984
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	160
Total Luminaire Watts	194.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	26108.854
Maximum Candela Angle	50H 41V
Maximum Candela (<90 Degrees Vertical)	26108.854
Maximum Candela Angle (<90 Degrees Vertical)	50H 41V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	385.967 (1.2% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

IES ROAD REPORT
PHOTOMETRIC FILENAME : SAM-30L-U-40-FTA.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	6072.2	19.6	19.6
FM - Front-Medium (30-60)	19406.0	62.6	62.6
FH - Front-High (60-80)	2098.7	6.8	6.8
FVH - Front-Very High (80-90)	52.4	0.2	0.2
BL - Back-Low (0-30)	1238.0	4.0	4.0
BM - Back-Medium (30-60)	1647.6	5.3	5.3
BH - Back-High (60-80)	443.5	1.4	1.4
BVH - Back-Very High (80-90)	25.5	0.1	0.1
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	30983.9	100.0	100.0
BUG Rating	B3-U0-G2		

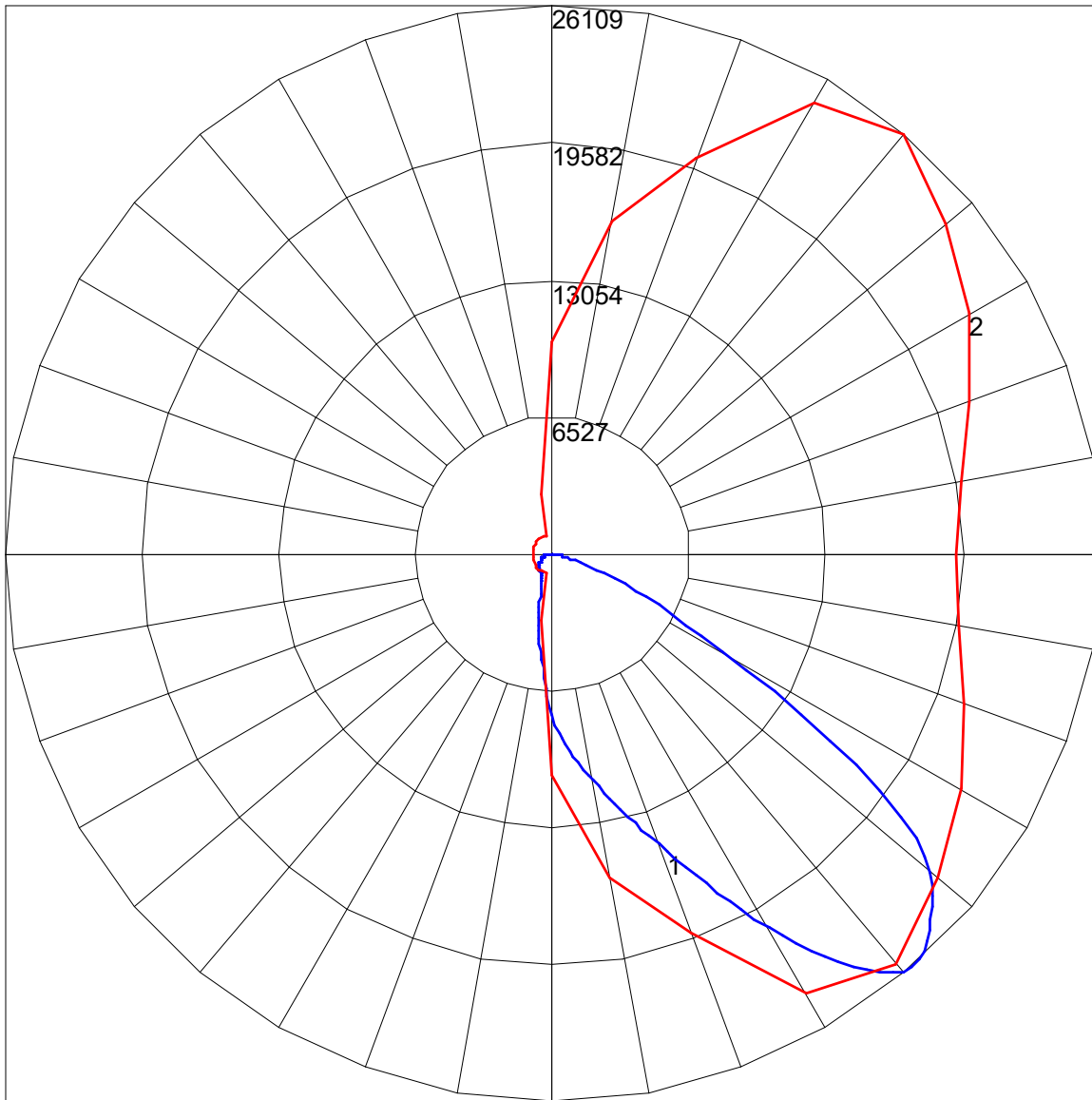
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

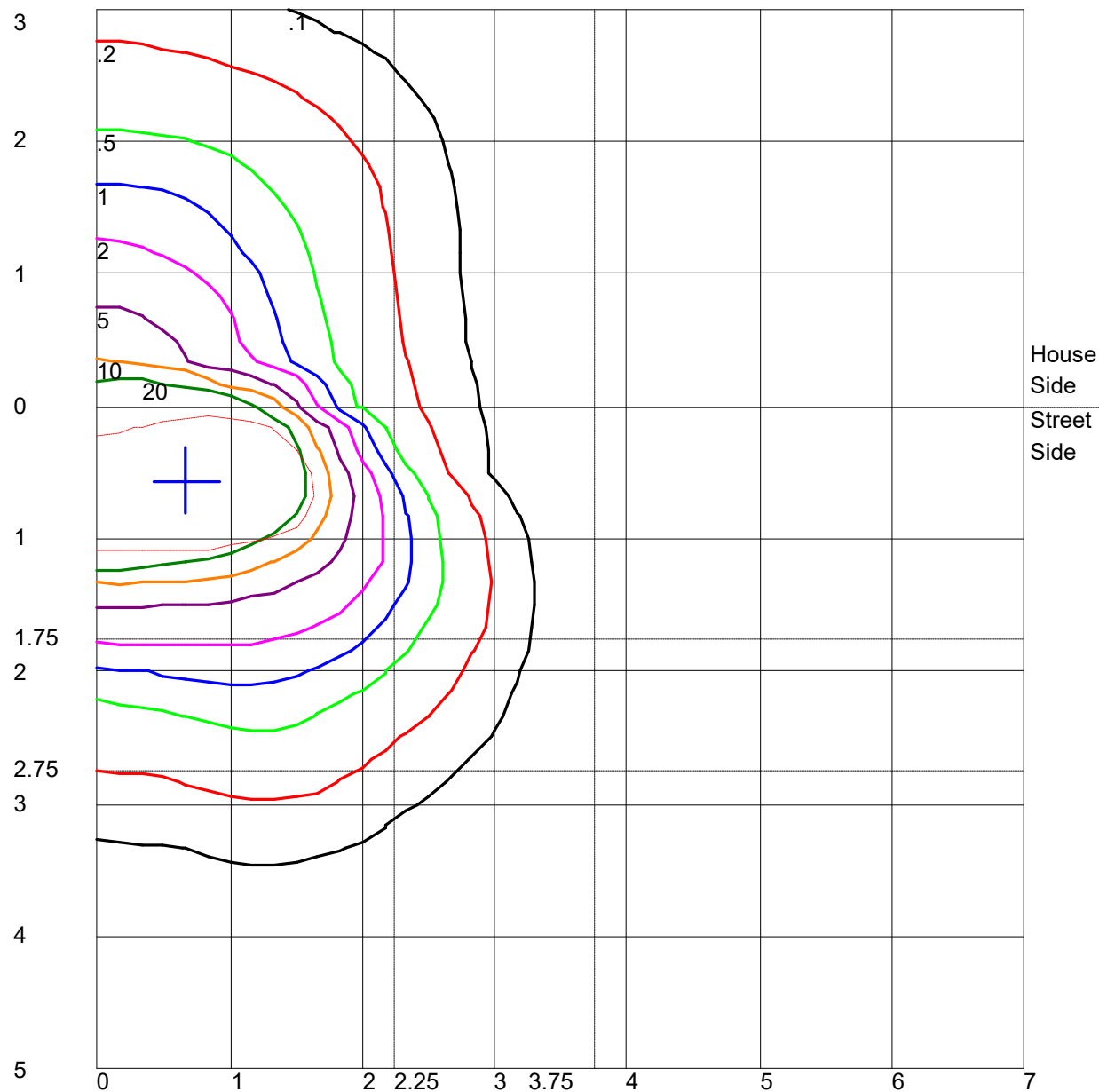
	Lumens	Percent Of Lamp
Downward Street Side	27629.2	89.2
Downward House Side	3354.6	10.8
Downward Total	30983.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30983.8	100.0

POLAR GRAPH

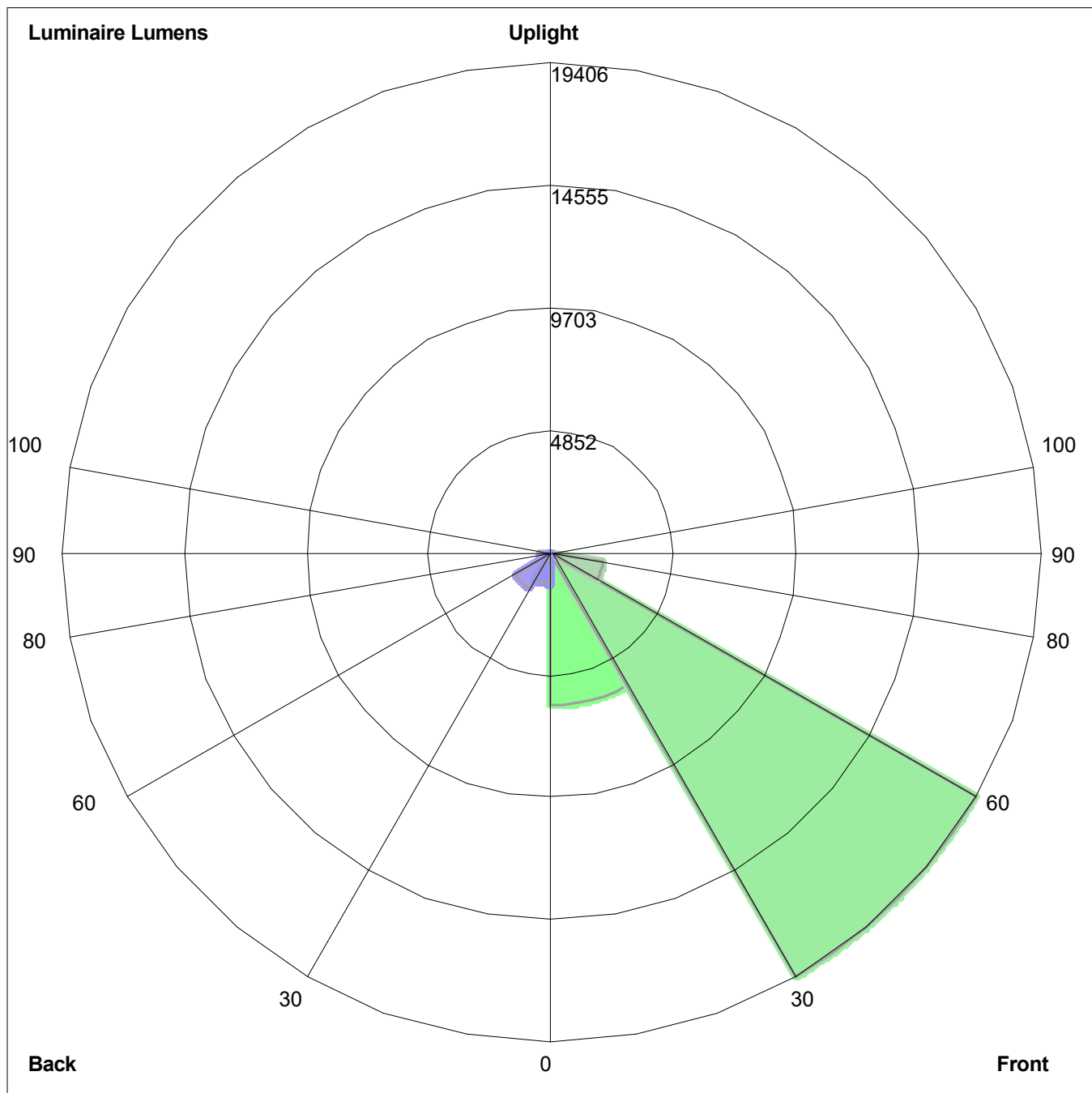


Maximum Candela = 26108.854 Located At Horizontal Angle = 50, Vertical Angle = 41
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (41) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=6072.2, Medium= 19406.0, High=2098.7, Very High=52.4
Back: Low= 1238.0, Medium=1647.6, High=443.5, Very High=25.5
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G2