

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAM-36L-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-36L-U-40-FTA

[LUMINAIRE] Skyline Medium, 36,000 Lumens, 4000K, Forward Throw Automotive

[LAMP] N/A

CHARACTERISTICS

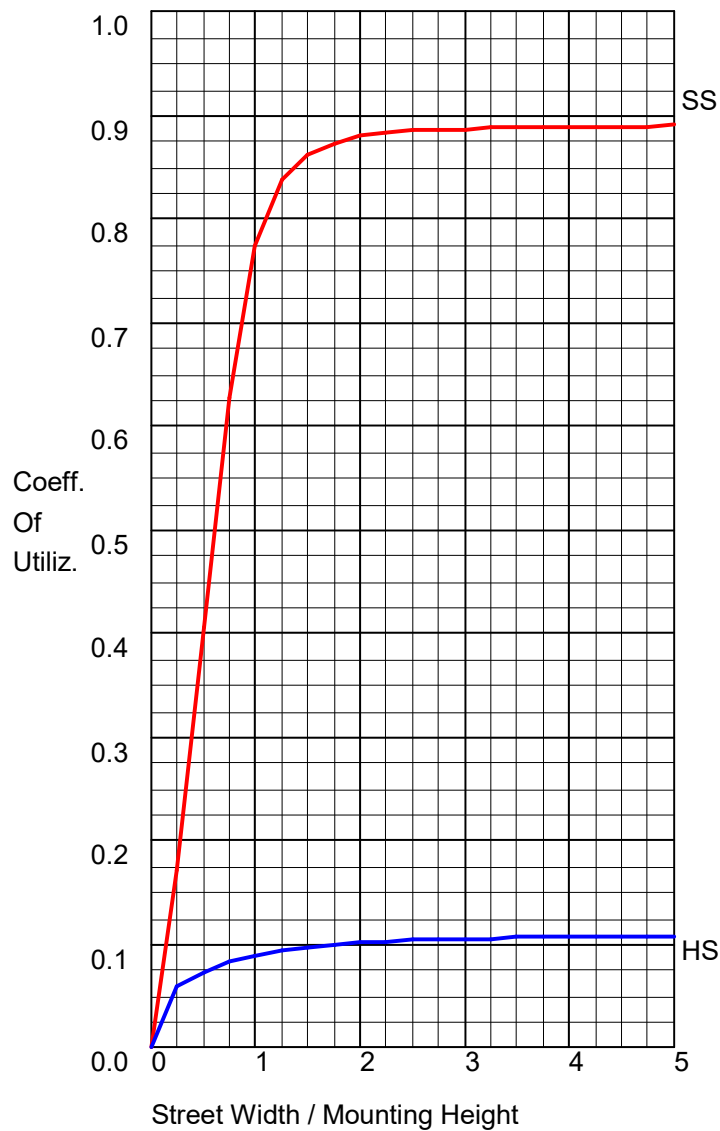
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	37189 (1 lamp)
Total Lamp Lumens	37189
Luminaire Lumens	37189
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	160
Total Luminaire Watts	233.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	31337.535
Maximum Candela Angle	50H 41V
Maximum Candela (<90 Degrees Vertical)	31337.535
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	463.263 (1.2% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	7288.2	19.6	19.6
FM - Front-Medium (30-60)	23292.3	62.6	62.6
FH - Front-High (60-80)	2519.0	6.8	6.8
FVH - Front-Very High (80-90)	62.9	0.2	0.2
BL - Back-Low (0-30)	1485.9	4.0	4.0
BM - Back-Medium (30-60)	1977.5	5.3	5.3
BH - Back-High (60-80)	532.3	1.4	1.4
BVH - Back-Very High (80-90)	30.6	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	37188.7	100.0	100.0
BUG Rating	B3-U0-G2		

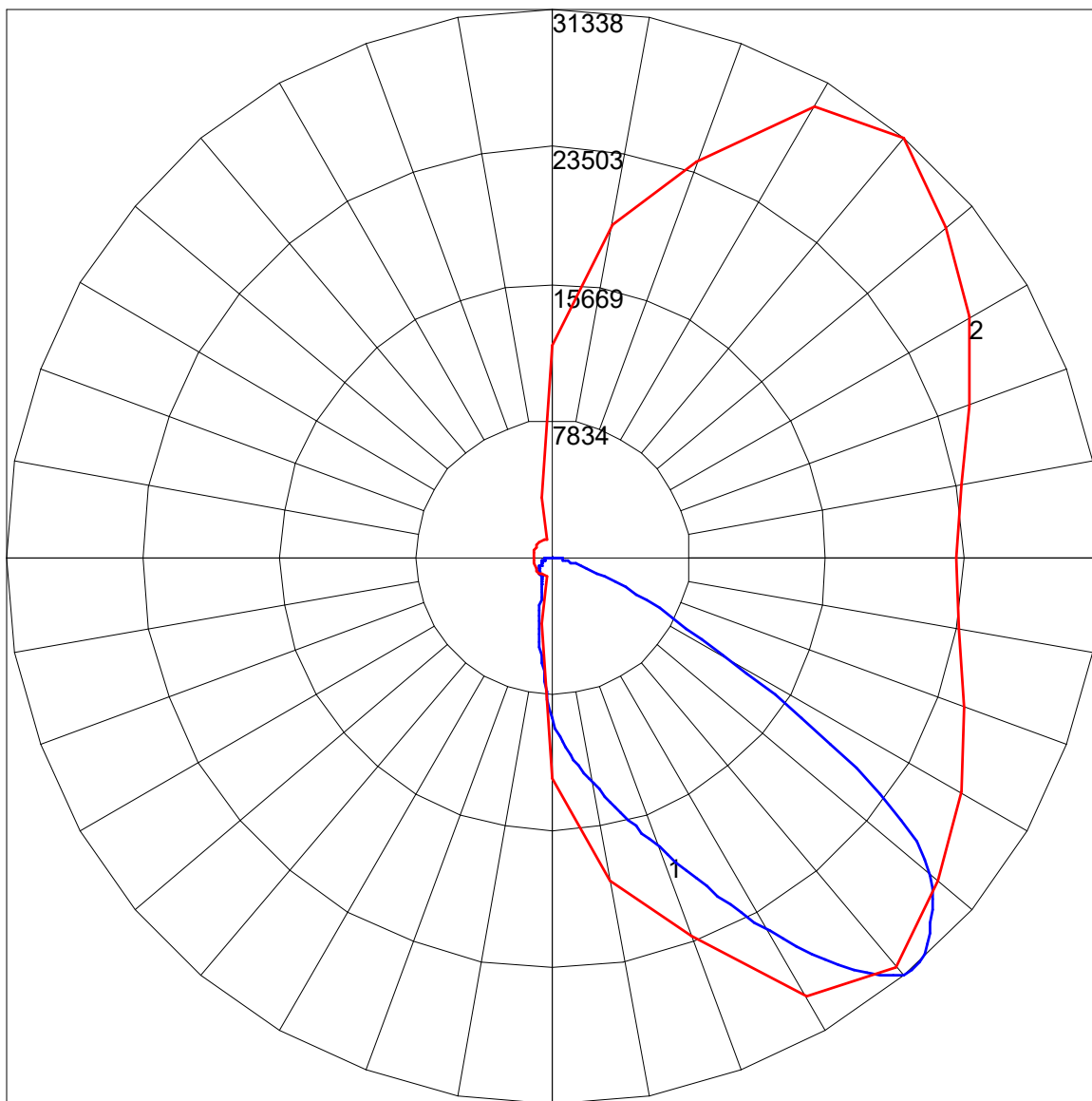
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

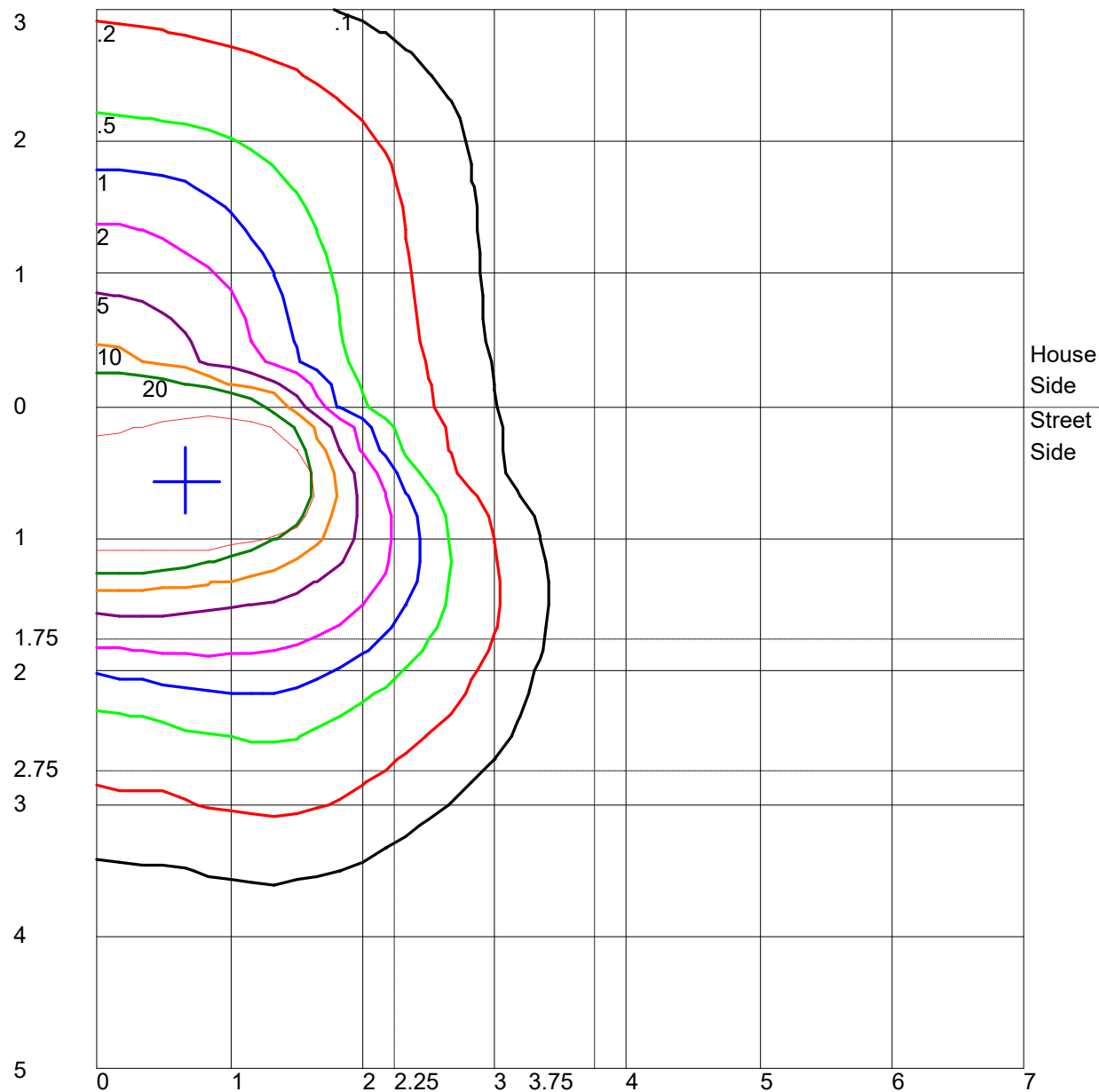
	Lumens	Percent Of Lamp
Downward Street Side	33162.4	89.2
Downward House Side	4026.4	10.8
Downward Total	37188.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	37188.8	100.0

POLAR GRAPH



Maximum Candela = 31337.535 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



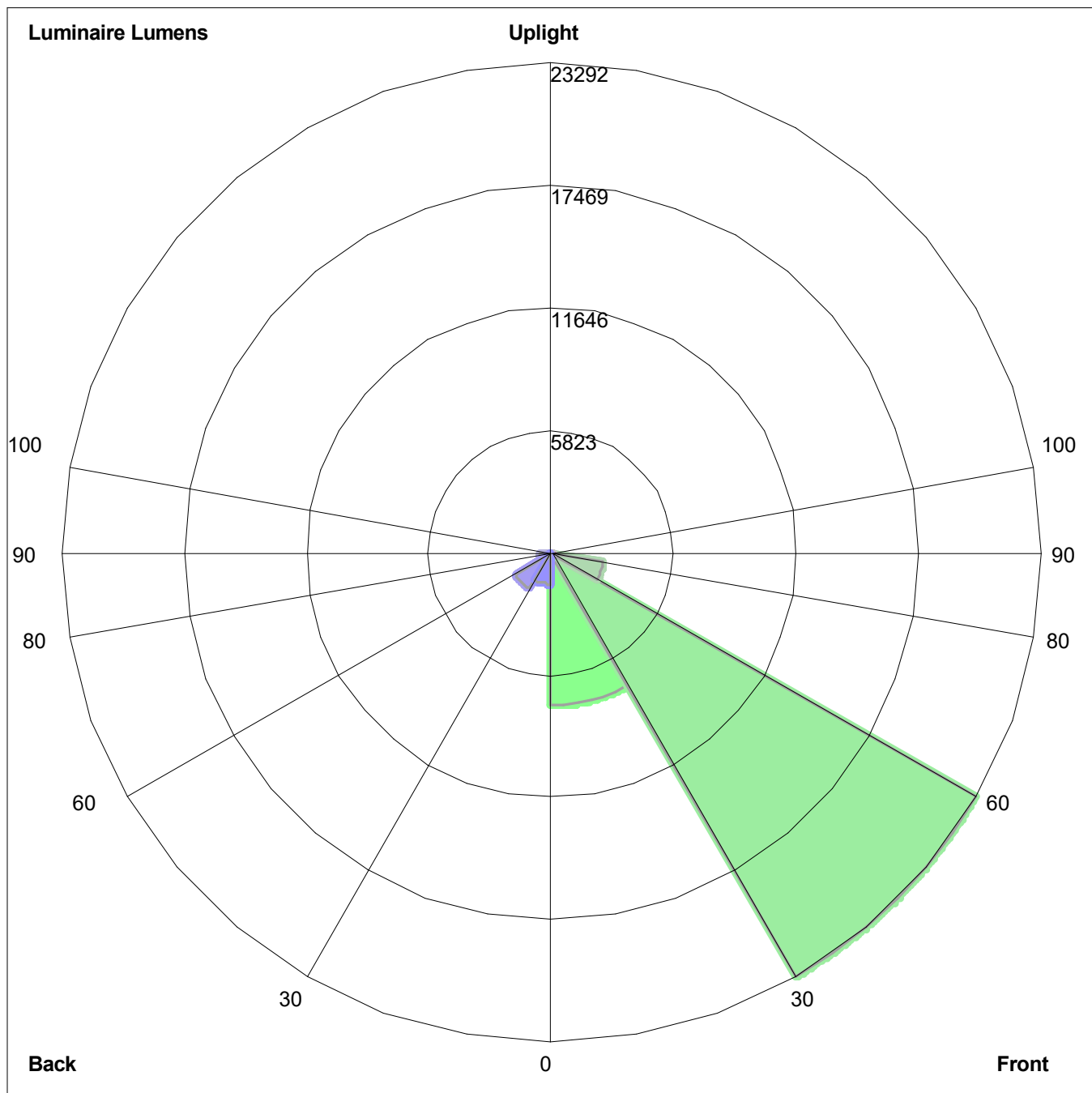
Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

1/2 Maximum Candela Trace Shown As Dashed Curve

(+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=7288.2, Medium=23292.3, High= 2519.0, Very High=62.9
Back: Low=1485.9, Medium=1977.5, High=532.3, Very High=30.6
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G2