

IES ROAD REPORT**PHOTOMETRIC FILENAME : SAM-24L-U-40-FTA.IES****DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAM-24L-U-40-FTA

[LUMINAIRE] Skyline Medium, 24,000 Lumens, 4000K, Forward Throw Automotive

[LAMP] N/A

CHARACTERISTICS

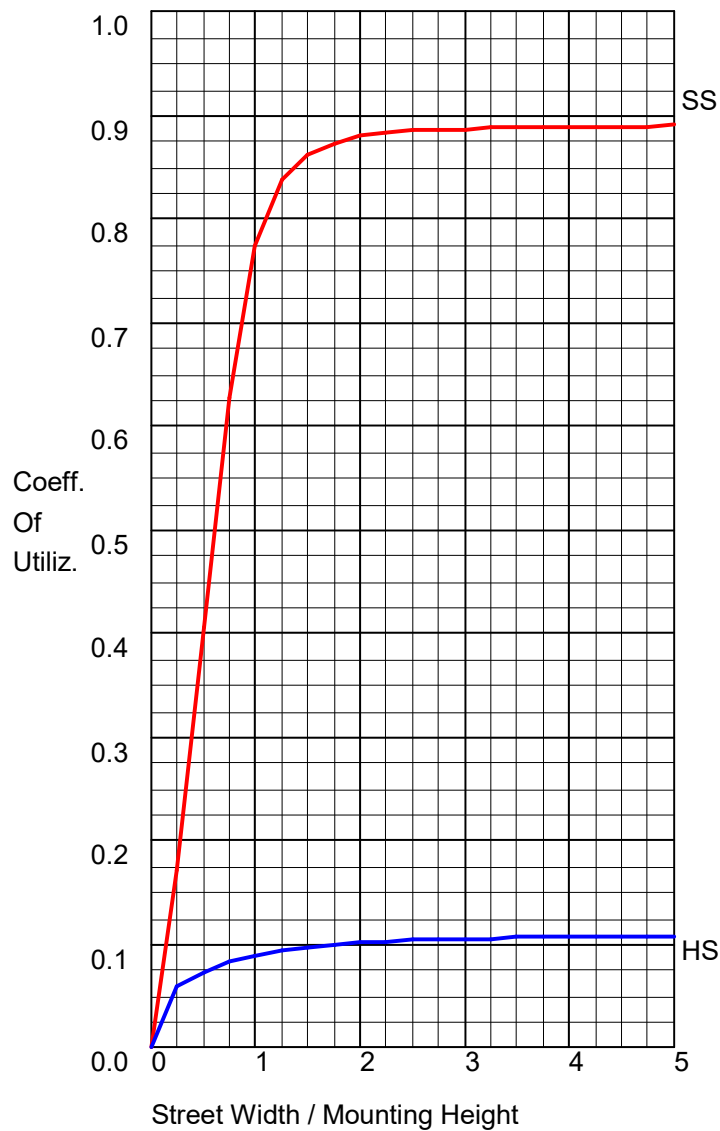
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	24778 (1 lamp)
Total Lamp Lumens	24778
Luminaire Lumens	24778
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	160
Total Luminaire Watts	155.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	20879.331
Maximum Candela Angle	50H 41V
Maximum Candela (<90 Degrees Vertical)	20879.331
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	308.659 (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)	4855.9	19.6	19.6
FM - Front-Medium (30-60)	15519.0	62.6	62.6
FH - Front-High (60-80)	1678.3	6.8	6.8
FVH - Front-Very High (80-90)	41.9	0.2	0.2
BL - Back-Low (0-30)	990.0	4.0	4.0
BM - Back-Medium (30-60)	1317.6	5.3	5.3
BH - Back-High (60-80)	354.7	1.4	1.4
BVH - Back-Very High (80-90)	20.4	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	24777.7	100.0	100.0
BUG Rating	B2-U0-G1		

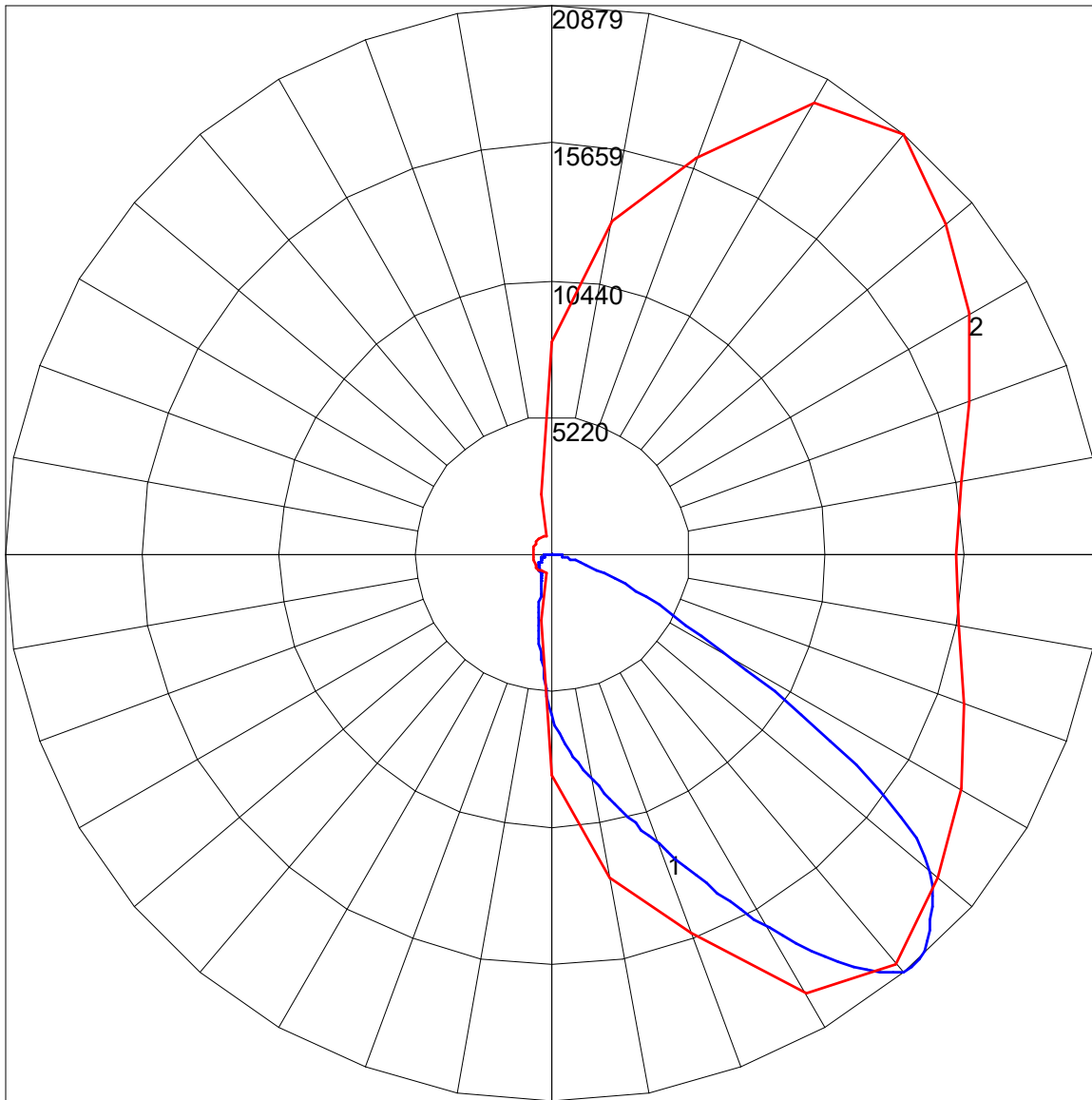
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

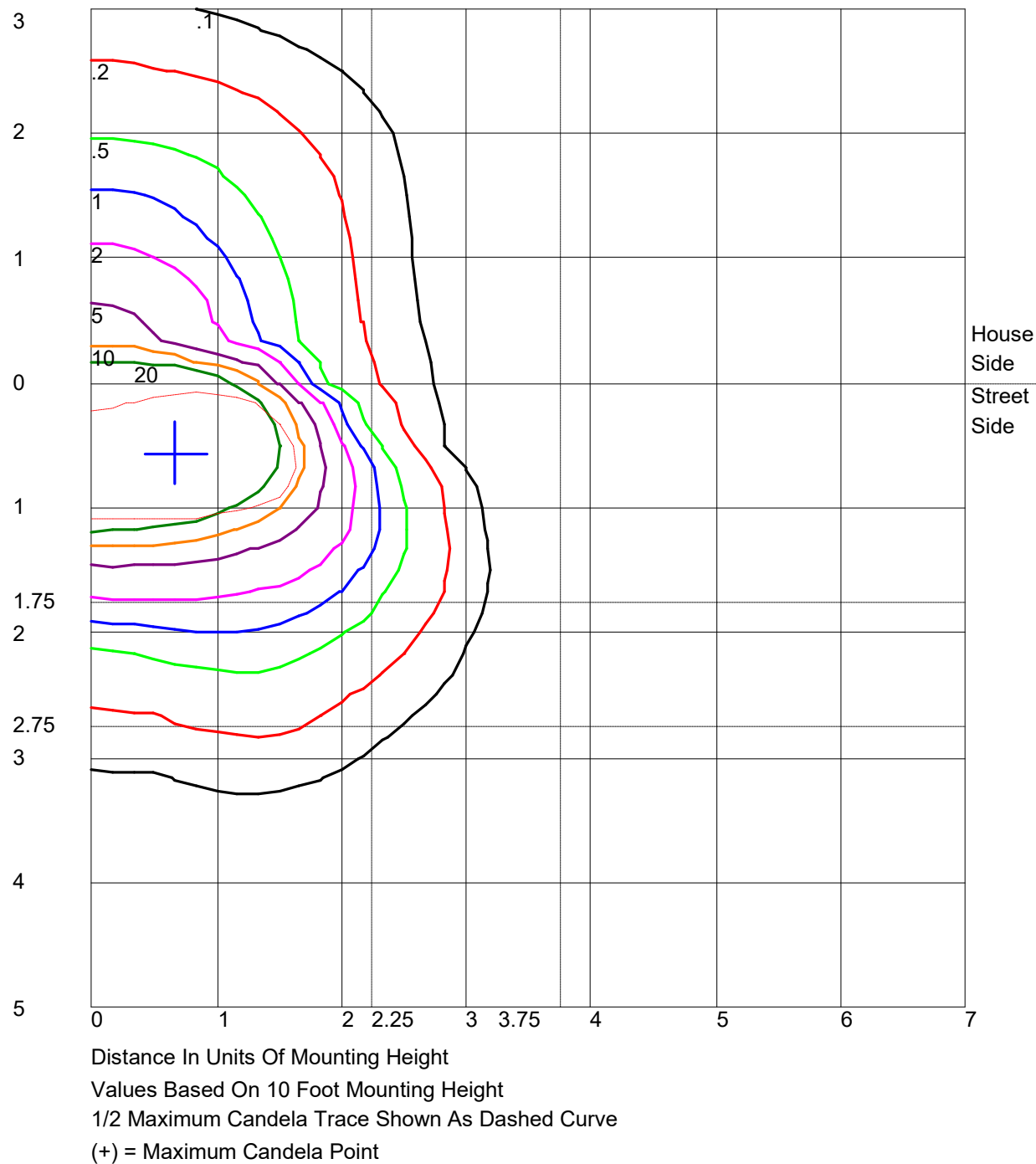
	Lumens	Percent Of Lamp
Downward Street Side	22095.2	89.2
Downward House Side	2682.7	10.8
Downward Total	24777.9	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	24777.9	100.0

POLAR GRAPH

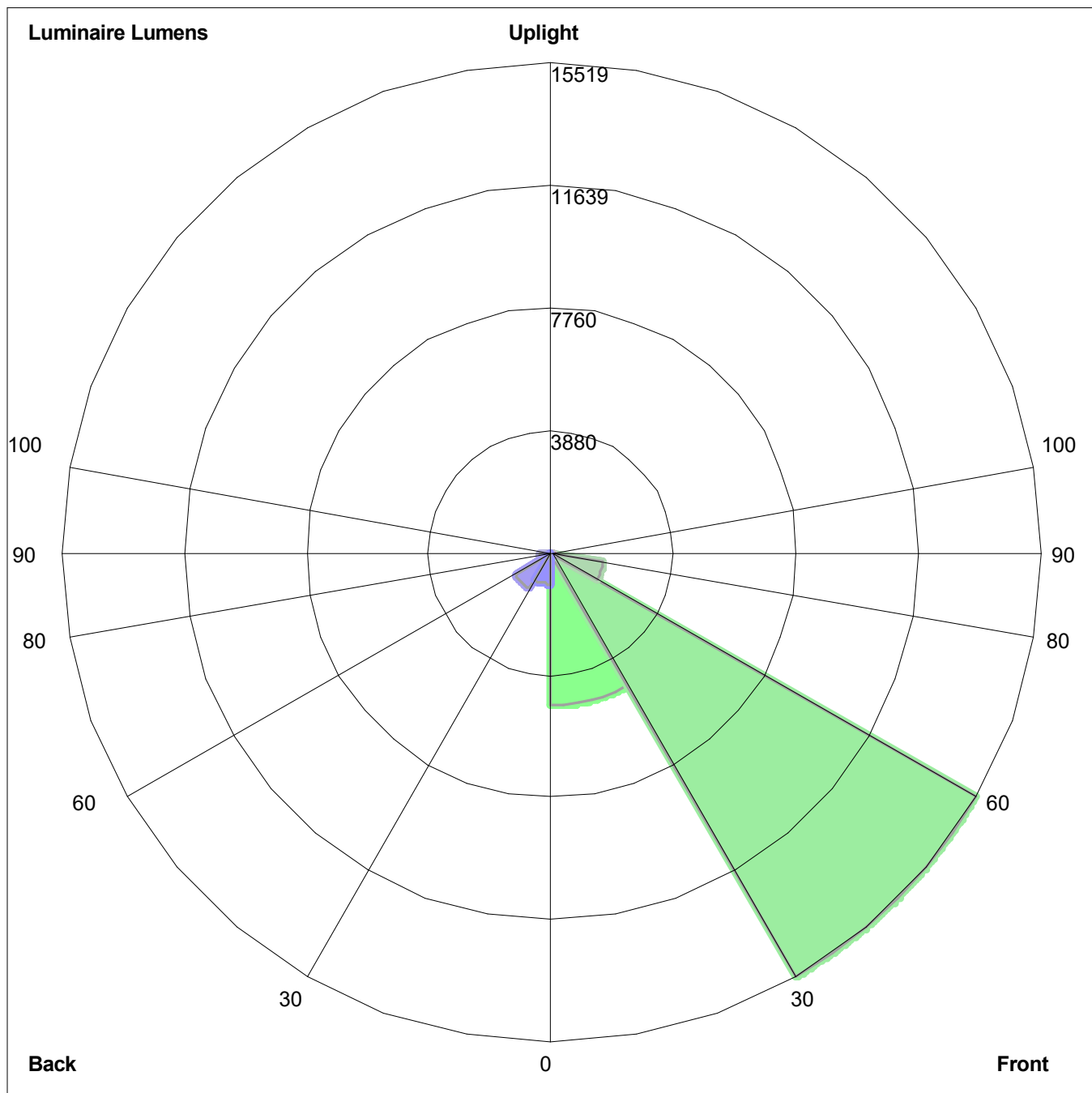


Maximum Candela = 20879.331 Located At Horizontal Angle = 50, Vertical Angle = 41
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (41) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=4855.9, Medium= 15519.0, High=1678.3, Very High=41.9
Back: Low=990.0, Medium=1317.6, High=354.7, Very High=20.4
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1