

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAM-24L-U-40-T5S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAM-24L-U-40-T5S

[LUMINAIRE] Skyline Medium, 24,000 Lumens, 4000K, Type 5 Square Optic

[LAMP] N/A

CHARACTERISTICS

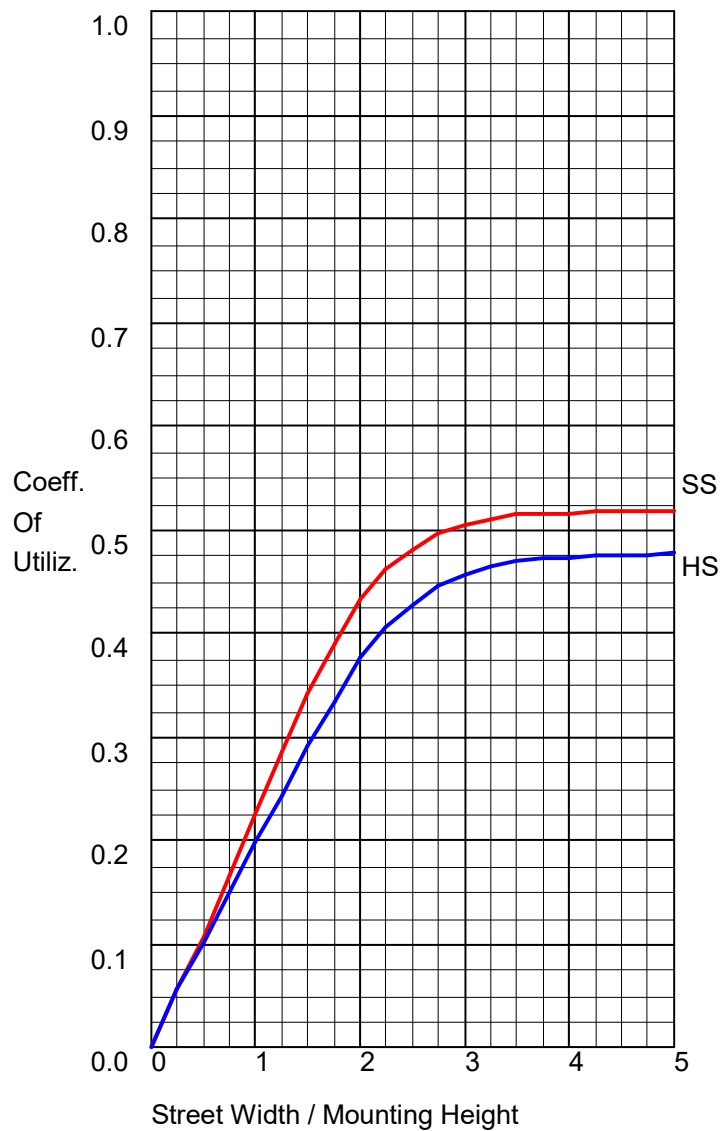
IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	24818 (1 lamp)
Total Lamp Lumens	24818
Luminaire Lumens	24818
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	160
Total Luminaire Watts	155.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	15031.394
Maximum Candela Angle	310H 70V
Maximum Candela (<90 Degrees Vertical)	15031.394
Maximum Candela Angle (<90 Degrees Vertical)	310H 70V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2536.758 (10.2% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	672.5	2.7	2.7
FM - Front-Medium (30-60)	5390.7	21.7	21.7
FH - Front-High (60-80)	6783.4	27.3	27.3
FVH - Front-Very High (80-90)	90.7	0.4	0.4
BL - Back-Low (0-30)	631.6	2.5	2.5
BM - Back-Medium (30-60)	4461.8	18.0	18.0
BH - Back-High (60-80)	6711.6	27.0	27.0
BVH - Back-Very High (80-90)	75.8	0.3	0.3
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	24818.1	99.9	100.0
BUG Rating	B5-U0-G3		

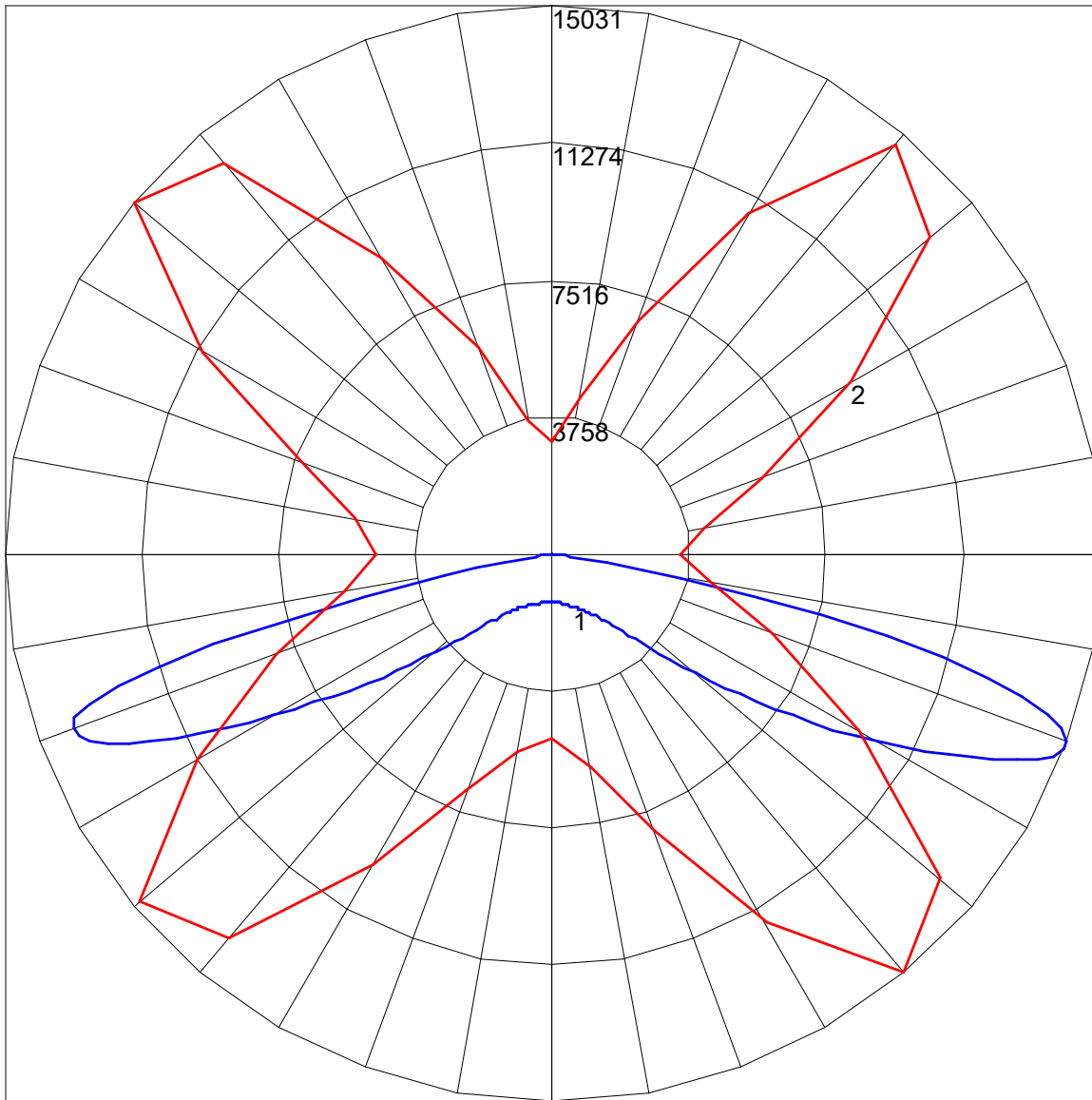
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

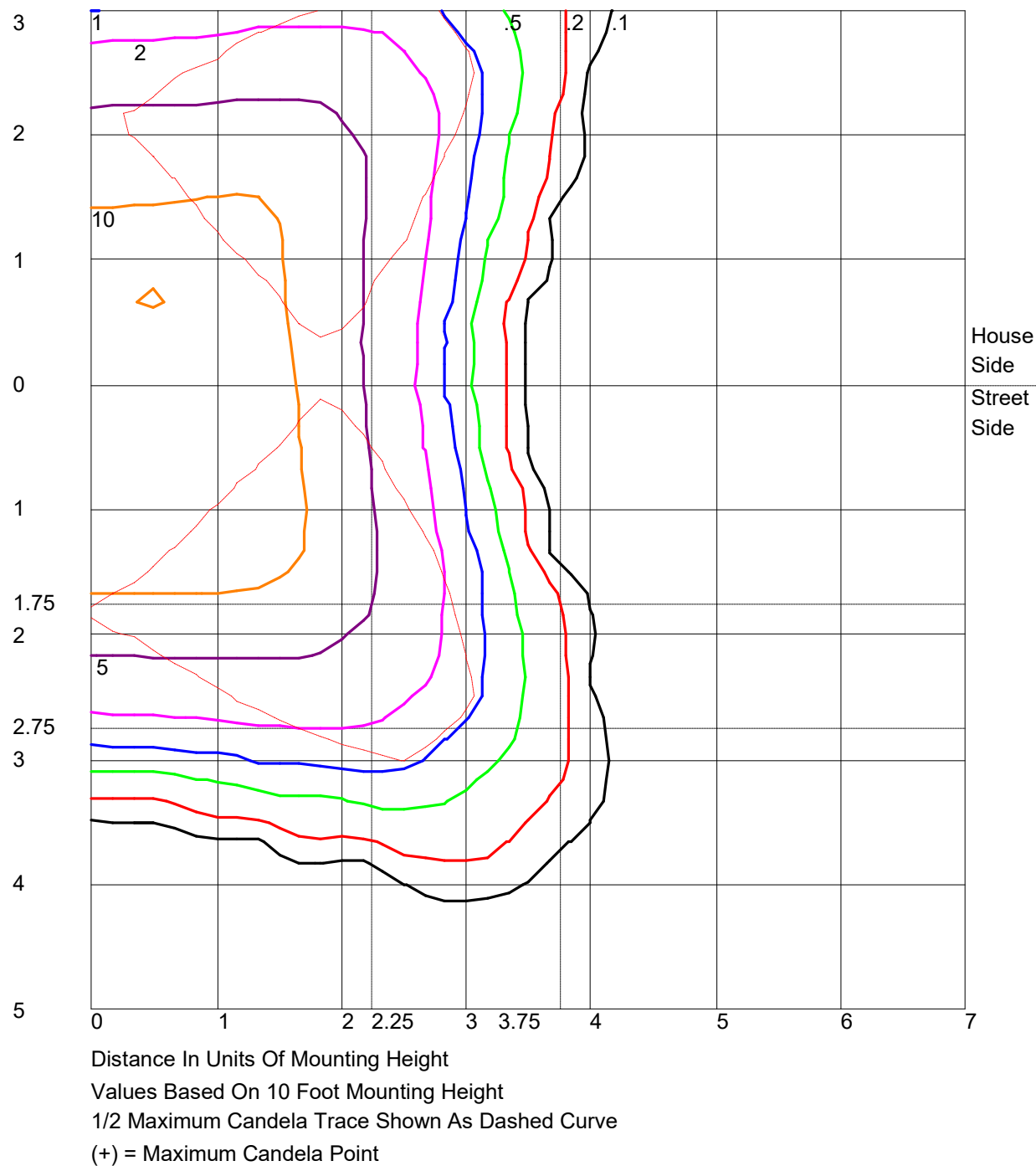
	Lumens	Percent Of Lamp
Downward Street Side	12937.4	52.1
Downward House Side	11880.9	47.9
Downward Total	24818.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	24818.3	100.0

POLAR GRAPH

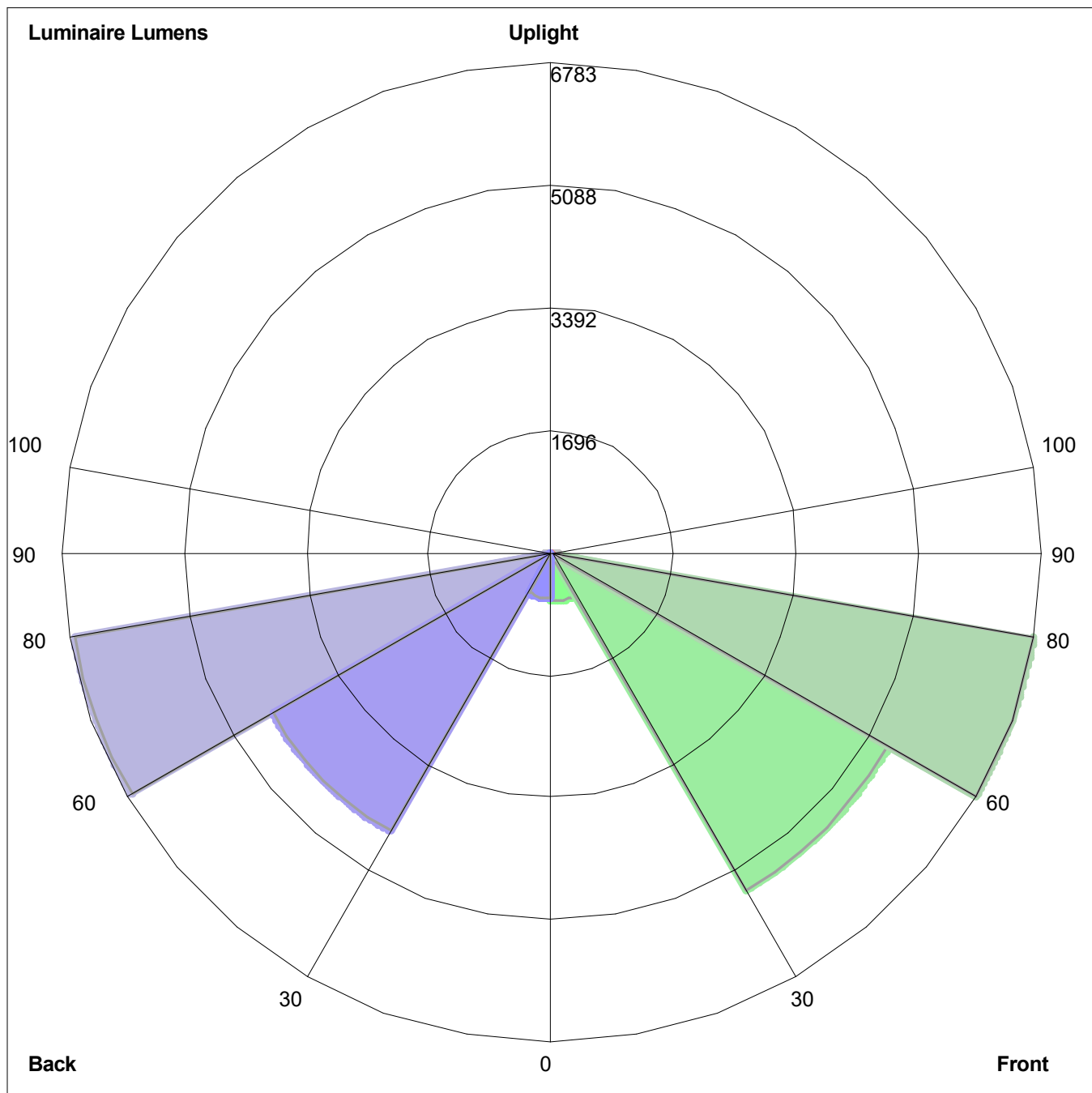


Maximum Candela = 15031.394 Located At Horizontal Angle = 310, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=672.5, Medium=5390.7, High=6783.4, Very High=90.7
Back: Low=631.6, Medium=4461.8, High=6711.6, Very High=75.8
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G3