

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAM-30L-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-30L-U-40-T5S

[LUMINAIRE] Skyline Medium, 30,000 Lumens, 4000K, Type 5 Square Optic

[LAMP] N/A

CHARACTERISTICS

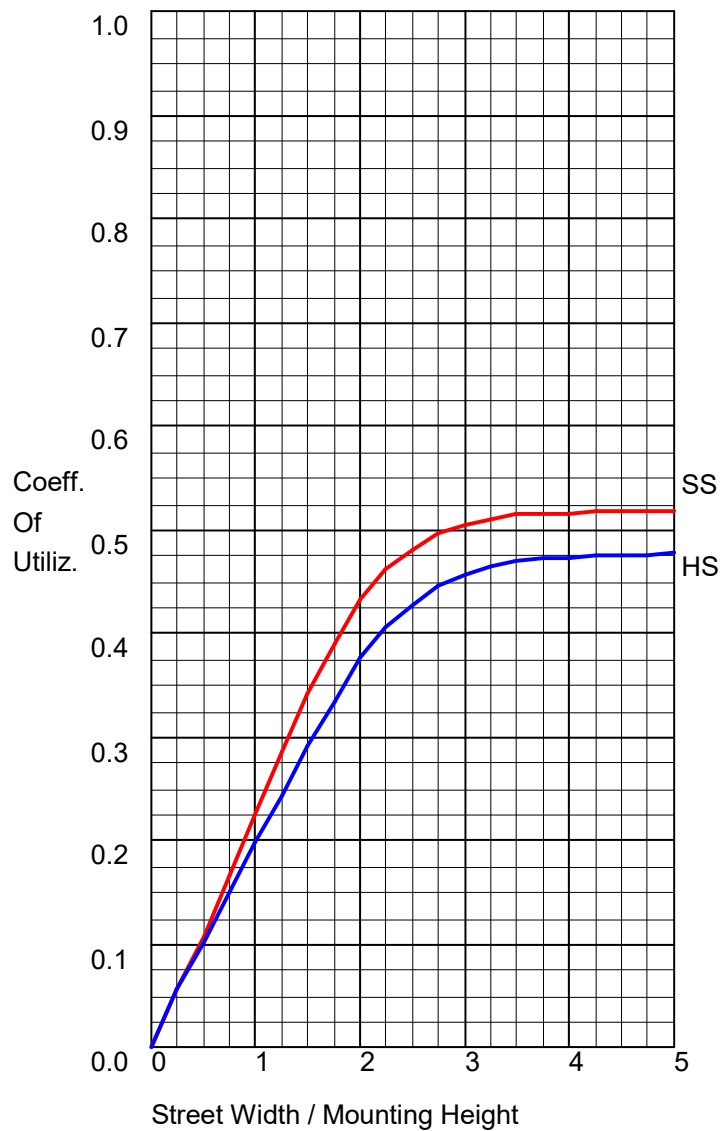
IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	31034 (1 lamp)
Total Lamp Lumens	31034
Luminaire Lumens	31034
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	160
Total Luminaire Watts	194.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	18796.208
Maximum Candela Angle	310H 70V
Maximum Candela (<90 Degrees Vertical)	18796.208
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	3172.122 (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)	840.9	2.7	2.7
FM - Front-Medium (30-60)	6740.9	21.7	21.7
FH - Front-High (60-80)	8482.4	27.3	27.3
FVH - Front-Very High (80-90)	113.4	0.4	0.4
BL - Back-Low (0-30)	789.8	2.5	2.5
BM - Back-Medium (30-60)	5579.3	18.0	18.0
BH - Back-High (60-80)	8392.6	27.0	27.0
BVH - Back-Very High (80-90)	94.8	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	31034.1	99.9	100.0
BUG Rating	B5-U0-G4		

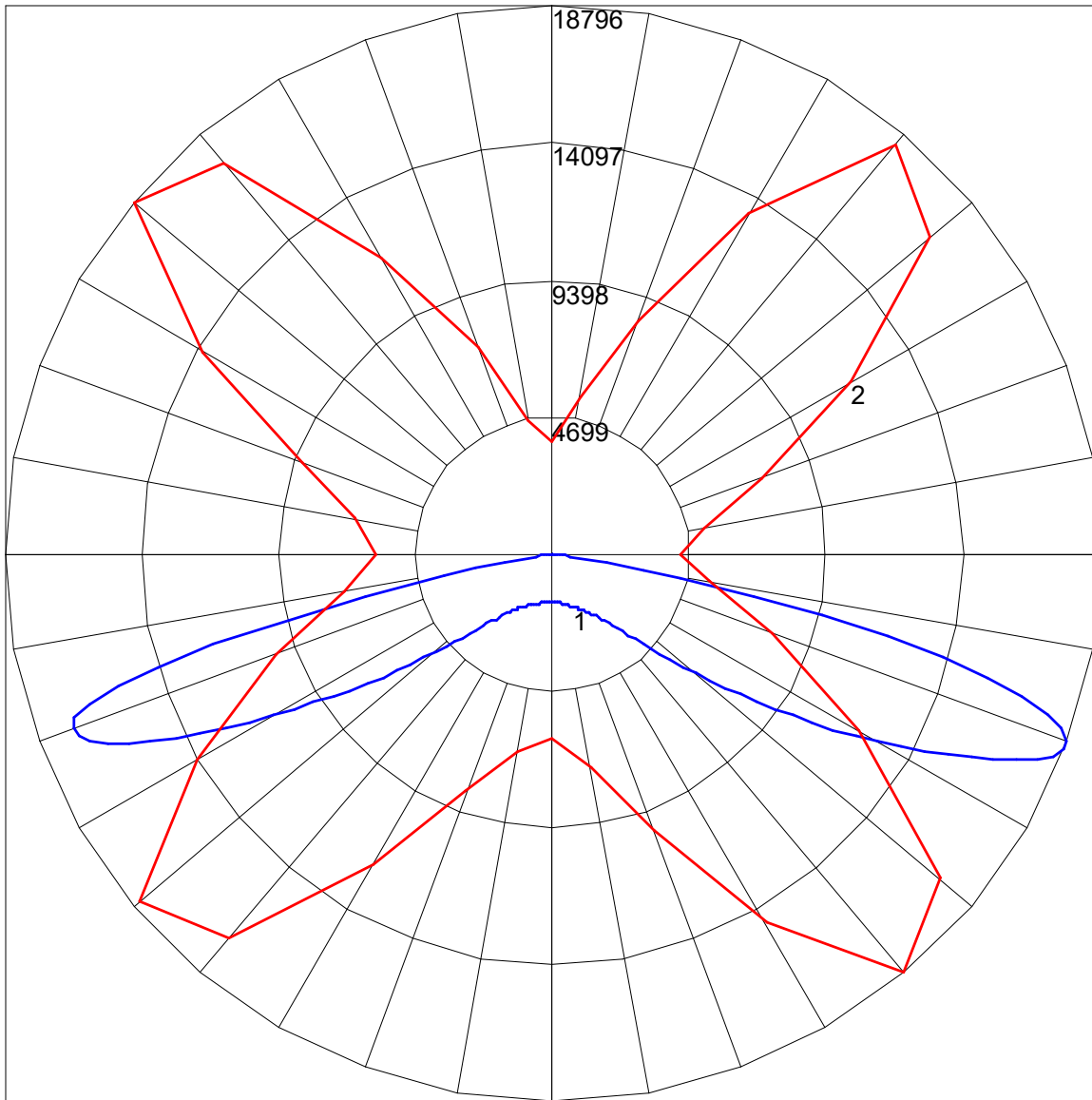
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

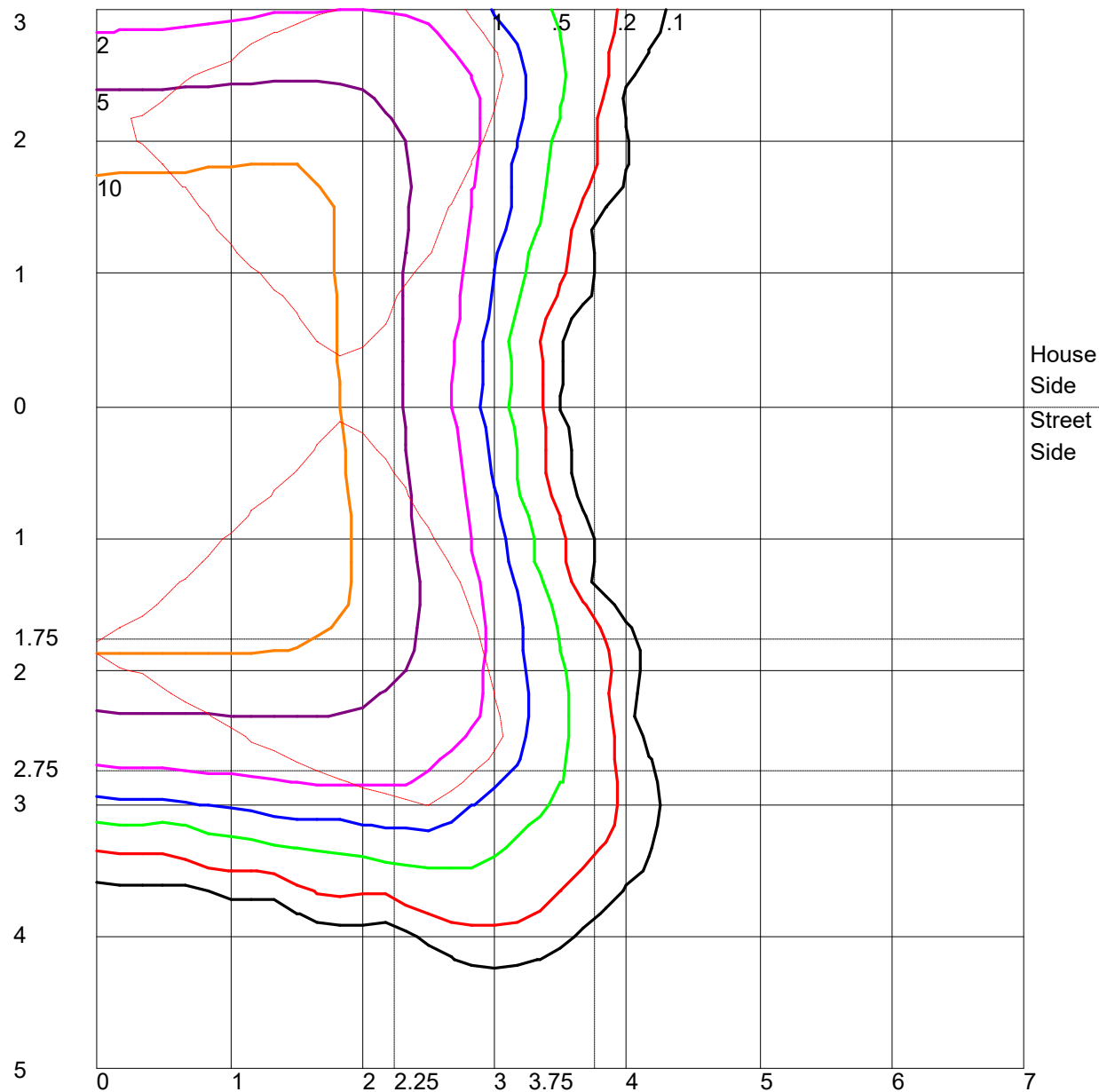
	Lumens	Percent Of Lamp
Downward Street Side	16177.7	52.1
Downward House Side	14856.6	47.9
Downward Total	31034.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	31034.3	100.0

POLAR GRAPH



Maximum Candela = 18796.208 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



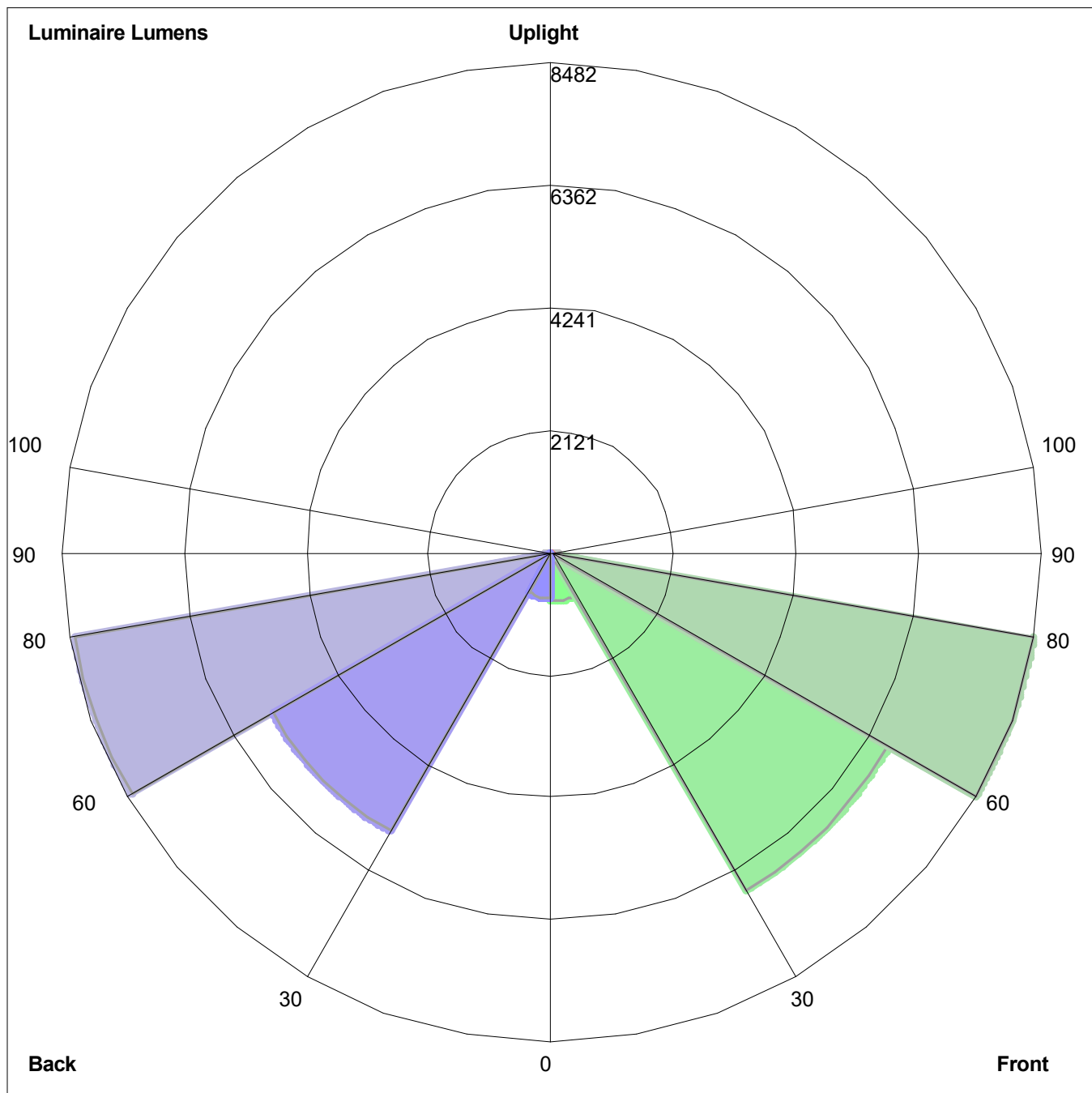
Distance In Units Of Mounting Height

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=840.9, Medium=6740.9, High=8482.4, Very High=113.4
Back: Low=789.8, Medium=5579.3, High=8392.6, Very High=94.8
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G4