

IES ROAD REPORT**PHOTOMETRIC FILENAME : SAM-42L-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-42L-U-40-T5S

[LUMINAIRE] Skyline Medium, 42,000 Lumens, 4000K, Type 5 Square Optic

[LAMP] N/A

CHARACTERISTICS

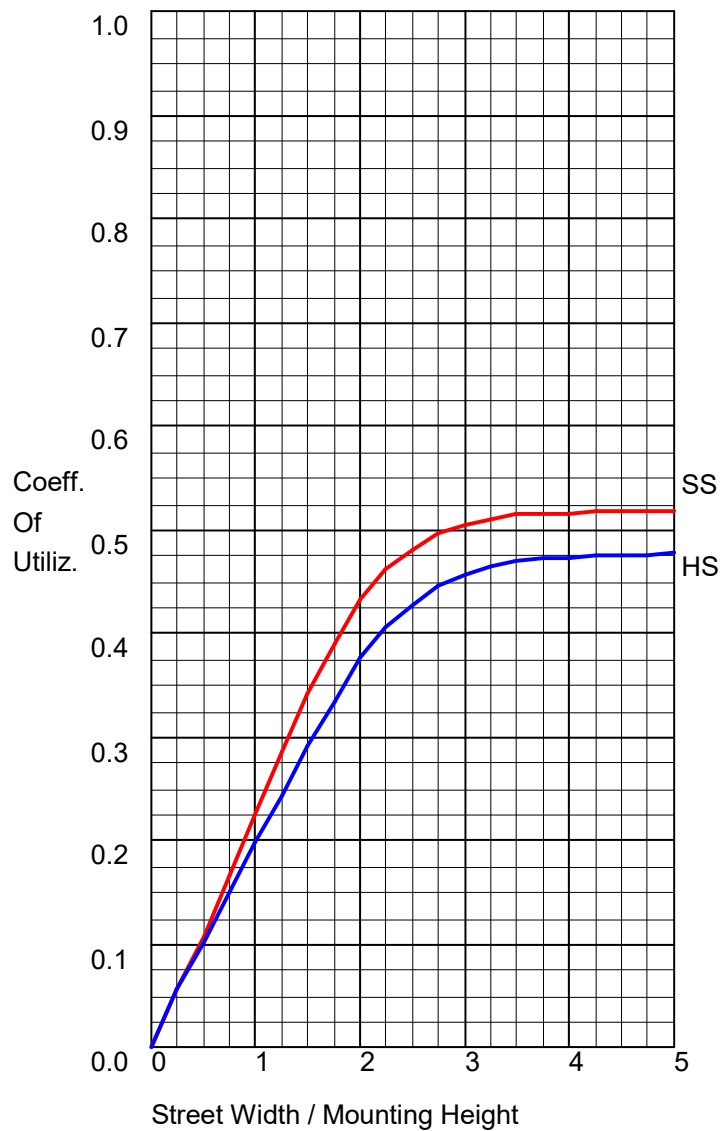
IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	43465 (1 lamp)
Total Lamp Lumens	43465
Luminaire Lumens	43465
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	160
Total Luminaire Watts	271.7
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	26325.23
Maximum Candela Angle	310H 70V
Maximum Candela (<90 Degrees Vertical)	26325.23
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	4442.75 (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)	1177.8	2.7	2.7
FM - Front-Medium (30-60)	9441.1	21.7	21.7
FH - Front-High (60-80)	11880.1	27.3	27.3
FVH - Front-Very High (80-90)	158.9	0.4	0.4
BL - Back-Low (0-30)	1106.2	2.5	2.5
BM - Back-Medium (30-60)	7814.2	18.0	18.0
BH - Back-High (60-80)	11754.4	27.0	27.0
BVH - Back-Very High (80-90)	132.8	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	43465.5	99.9	100.0
BUG Rating	B5-U0-G4		

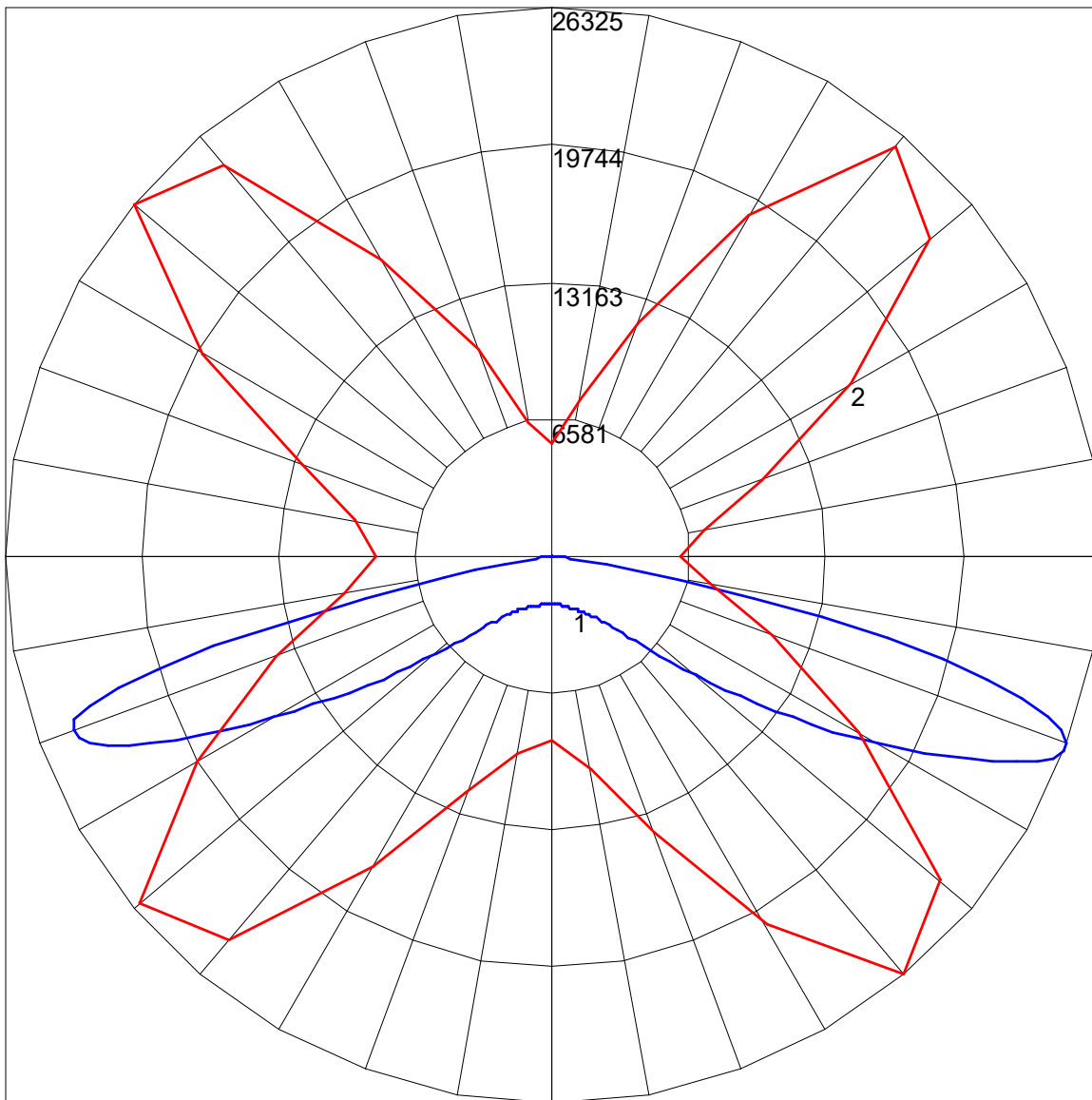
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

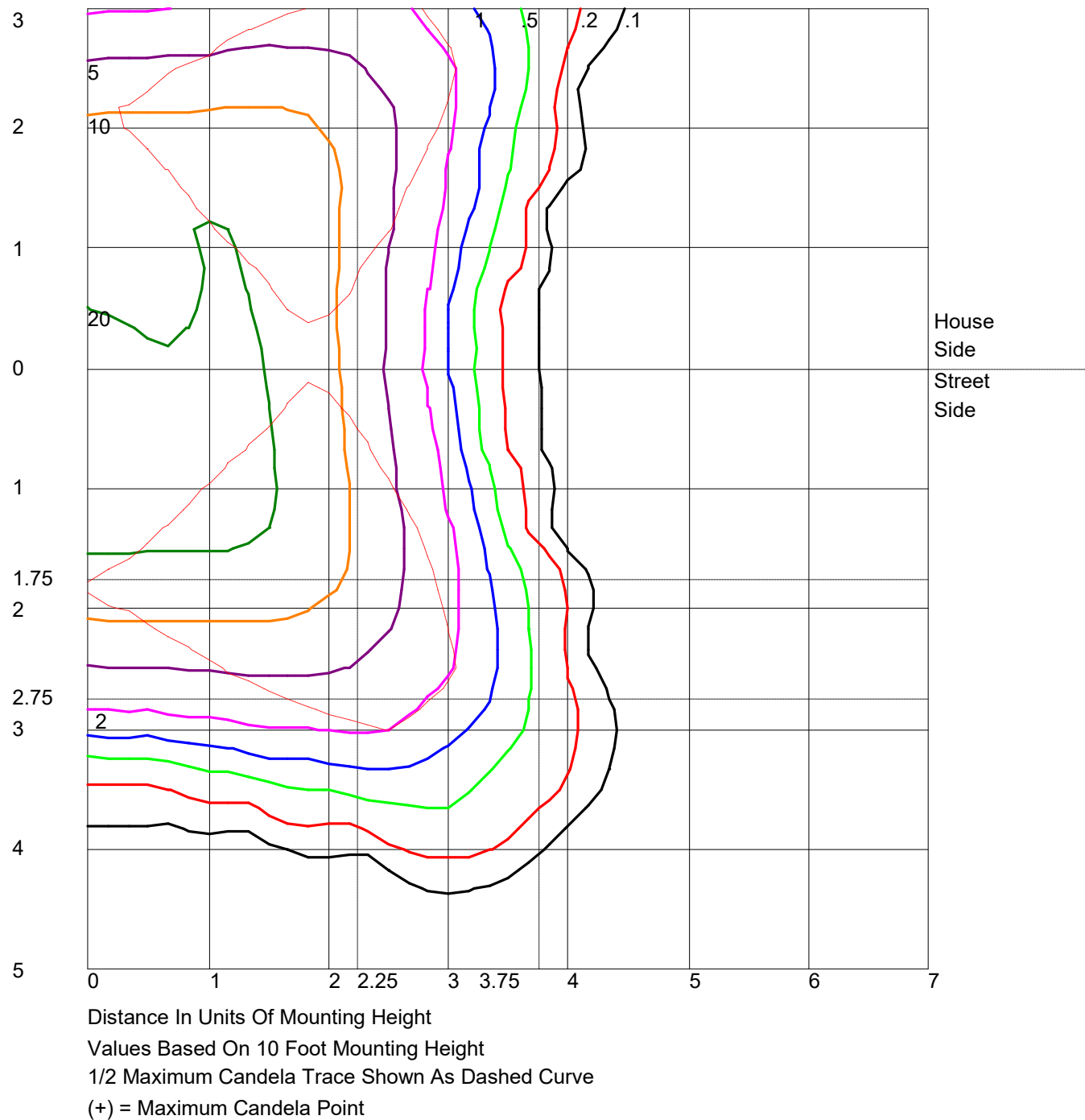
	Lumens	Percent Of Lamp
Downward Street Side	22657.8	52.1
Downward House Side	20807.6	47.9
Downward Total	43465.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	43465.4	100.0

POLAR GRAPH

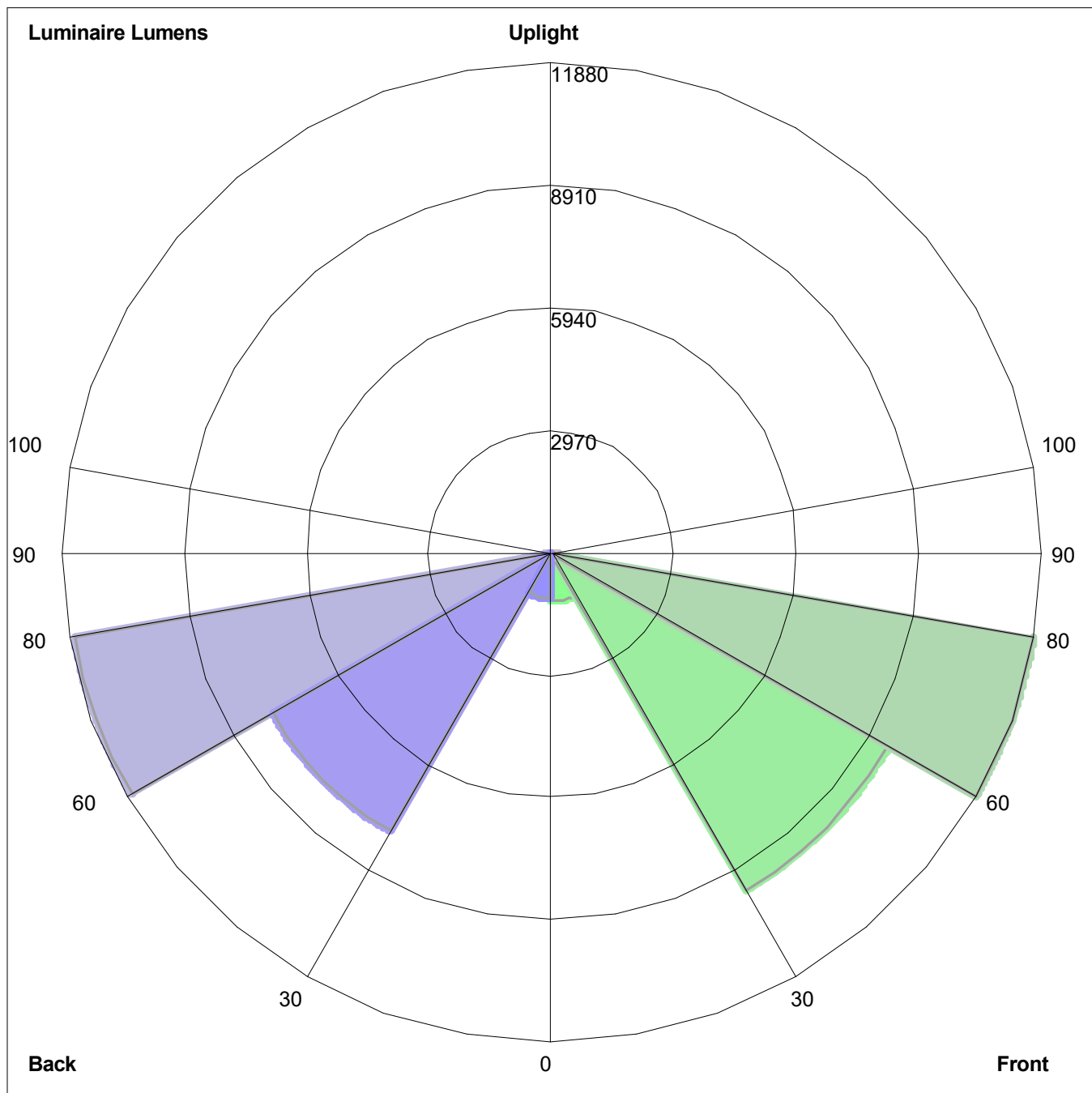


Maximum Candela = 26325.23 Located At Horizontal Angle = 310, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1177.8, Medium=9441.1, High=11880.1, Very High=158.9
Back: Low=1106.2, Medium=7814.2, High=11754.4, Very High=132.8
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G4