

**IES ROAD REPORT****PHOTOMETRIC FILENAME : SAS-6L-U-40-T5S.IES****DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUE DATE]

[LAMP POSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAS-6L-U-40-T5S

[LUMINAIRE] Skyline Small, 6,000 Lumens, 4000K, Type 5 Square Optic

[LAMP] N/A

**CHARACTERISTICS**

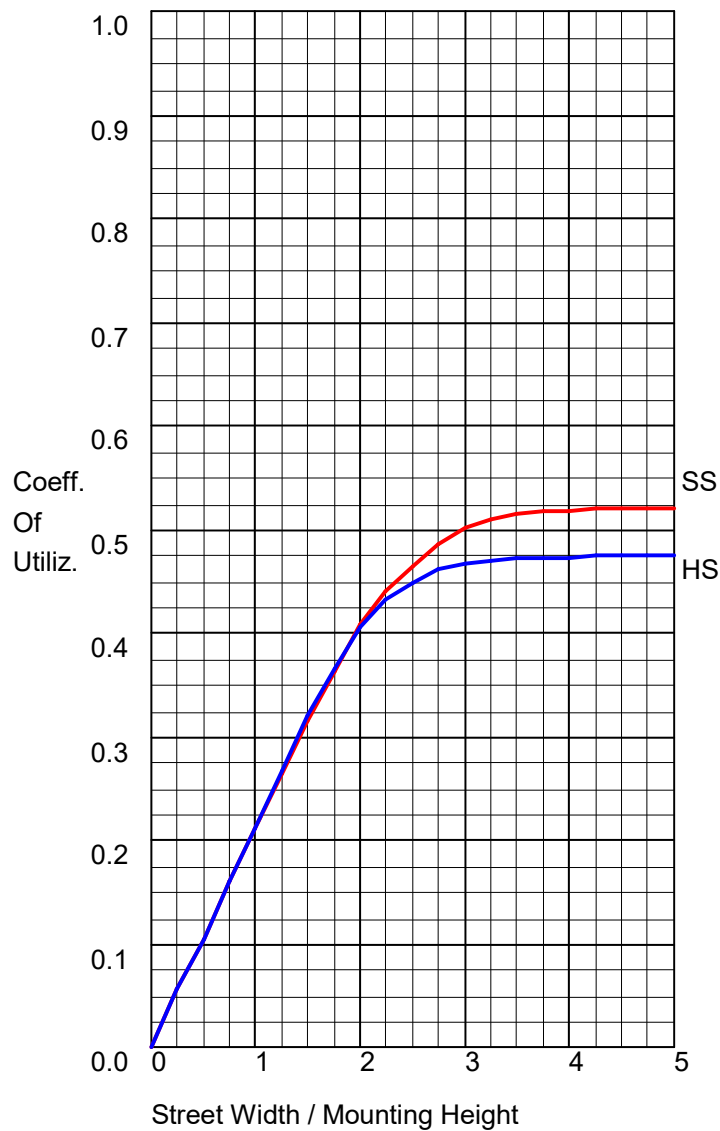
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	6745 (1 lamp)
Total Lamp Lumens	6745
Luminaire Lumens	6745
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	44.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4549.213
Maximum Candela Angle	320H 71V
Maximum Candela (<90 Degrees Vertical)	4549.213
Maximum Candela Angle (<90 Degrees Vertical)	320H 71V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	630.053 (9.3% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

**IES ROAD REPORT**  
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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	174.0	2.6	2.6
FM - Front-Medium (30-60)	1303.5	19.3	19.3
FH - Front-High (60-80)	2034.6	30.2	30.2
FVH - Front-Very High (80-90)	28.1	0.4	0.4
BL - Back-Low (0-30)	175.6	2.6	2.6
BM - Back-Medium (30-60)	1342.0	19.9	19.9
BH - Back-High (60-80)	1680.7	24.9	24.9
BVH - Back-Very High (80-90)	6.7	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	6745.2	100.0	100.0
BUG Rating	B3-U0-G3		

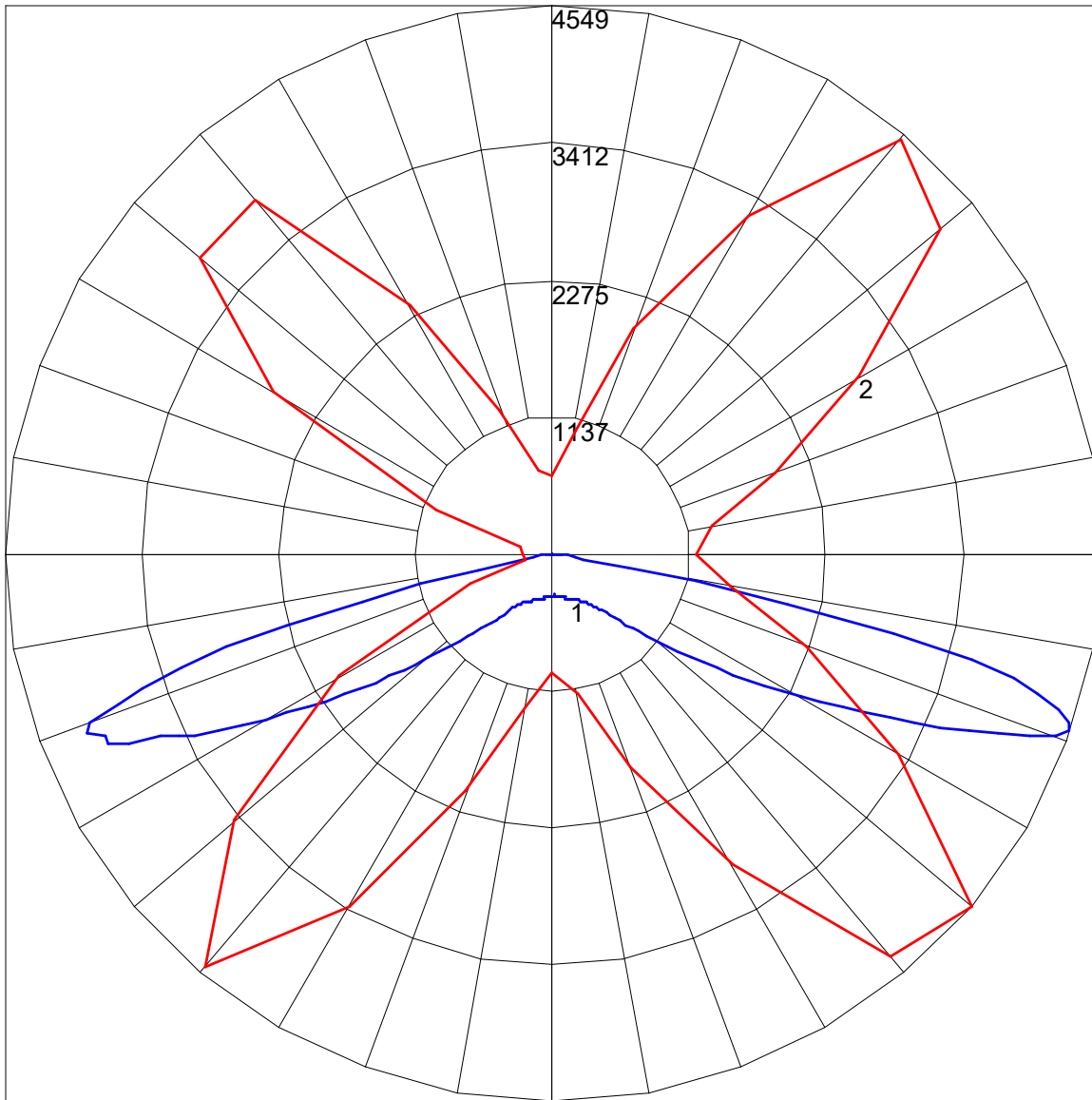
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

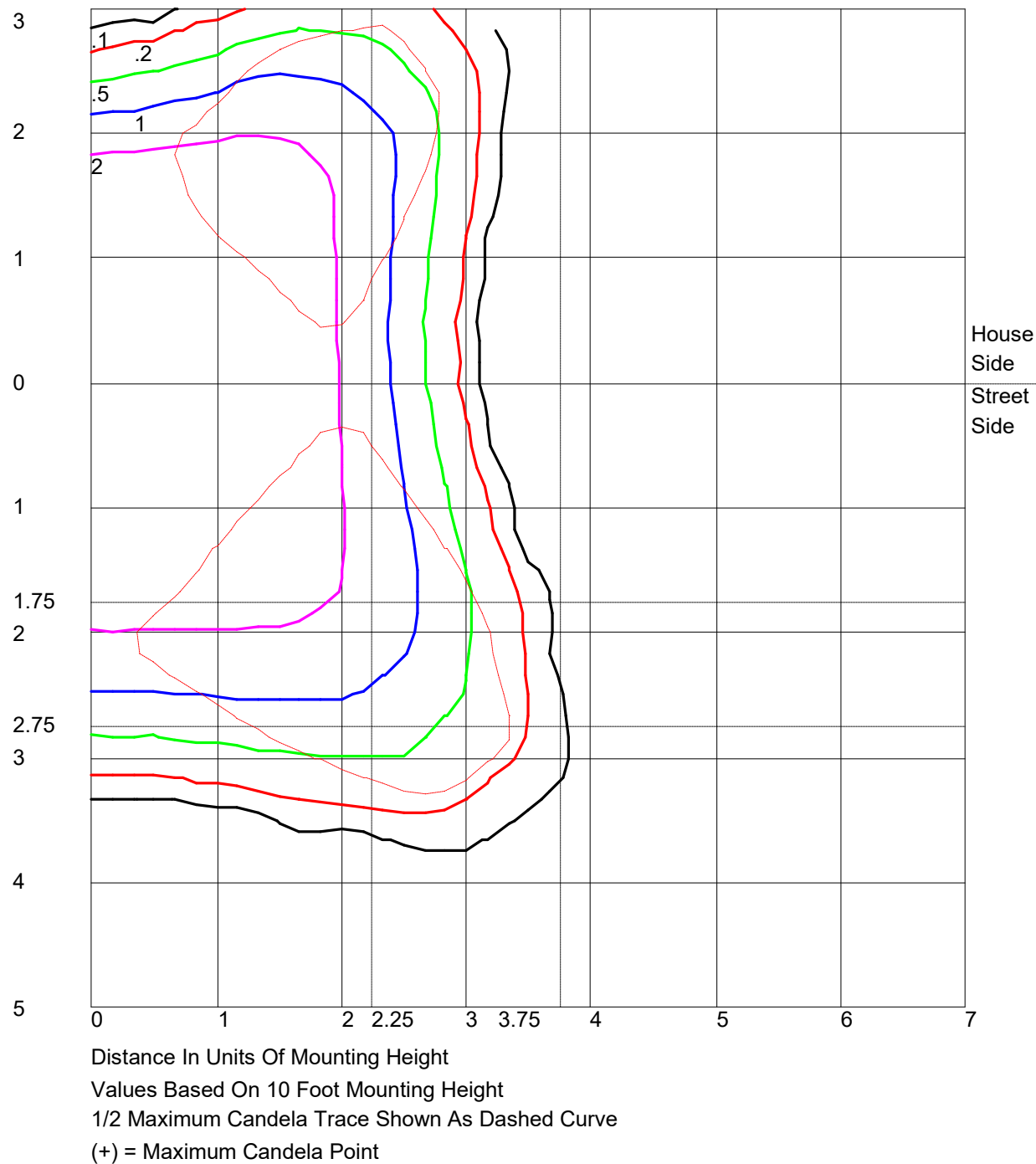
	Lumens	Percent Of Lamp
Downward Street Side	3540.2	52.5
Downward House Side	3204.9	47.5
Downward Total	6745.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6745.1	100.0

POLAR GRAPH

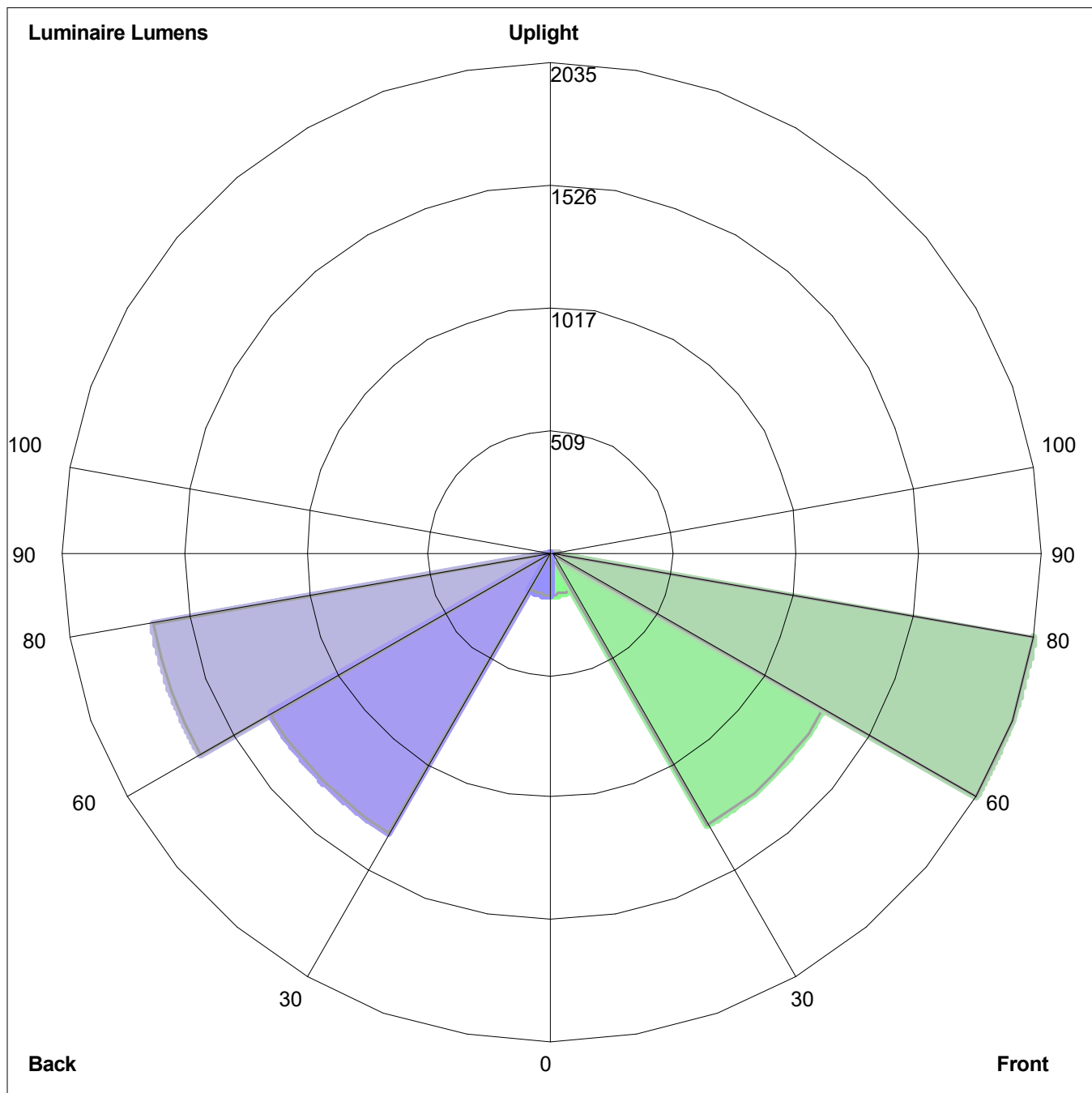


Maximum Candela = 4549.213 Located At Horizontal Angle = 320, Vertical Angle = 71  
# 1 - Vertical Plane Through Horizontal Angles (320 - 140) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=174.0, Medium=1303.5, High=2034.6, Very High=28.1  
Back: Low=175.6, Medium= 1342.0, High=1680.7, Very High=6.7  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3