

## IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-9L-U-40-T2.IES

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST]  
[TESTLAB]  
[TESTDATE]  
[ISSUE DATE]  
[LAMPPOSITION] 0,0  
[MANUFAC] Industrial Lighting Products Inc  
[LUMCAT] SAS-9L-U-40-T2  
[LUMINAIRE] Skyline Small, 9,000 Lumens, 4000K, Type 2 Optic  
[LAMP] N/A

## CHARACTERISTICS

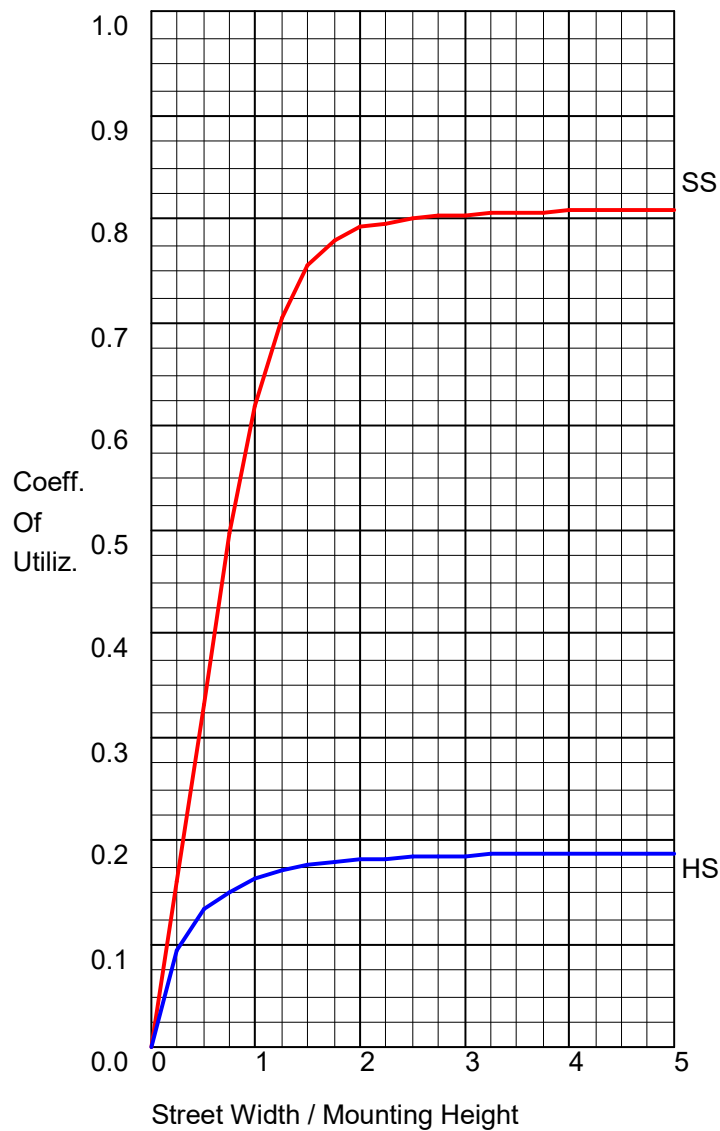
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	10205 (1 lamp)
Total Lamp Lumens	10205
Luminaire Lumens	10205
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	154
Total Luminaire Watts	66.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	8419.496
Maximum Candela Angle	290H 71V
Maximum Candela (<90 Degrees Vertical)	8419.496
Maximum Candela Angle (<90 Degrees Vertical)	290H 71V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2328.1 (22.8% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1179.5	11.6	11.6
FM - Front-Medium (30-60)	4447.3	43.6	43.6
FH - Front-High (60-80)	2549.8	25.0	25.0
FVH - Front-Very High (80-90)	113.2	1.1	1.1
BL - Back-Low (0-30)	486.4	4.8	4.8
BM - Back-Medium (30-60)	932.4	9.1	9.1
BH - Back-High (60-80)	484.5	4.7	4.7
BVH - Back-Very High (80-90)	12.0	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	10205.1	100.0	100.0
BUG Rating	B1-U0-G2		

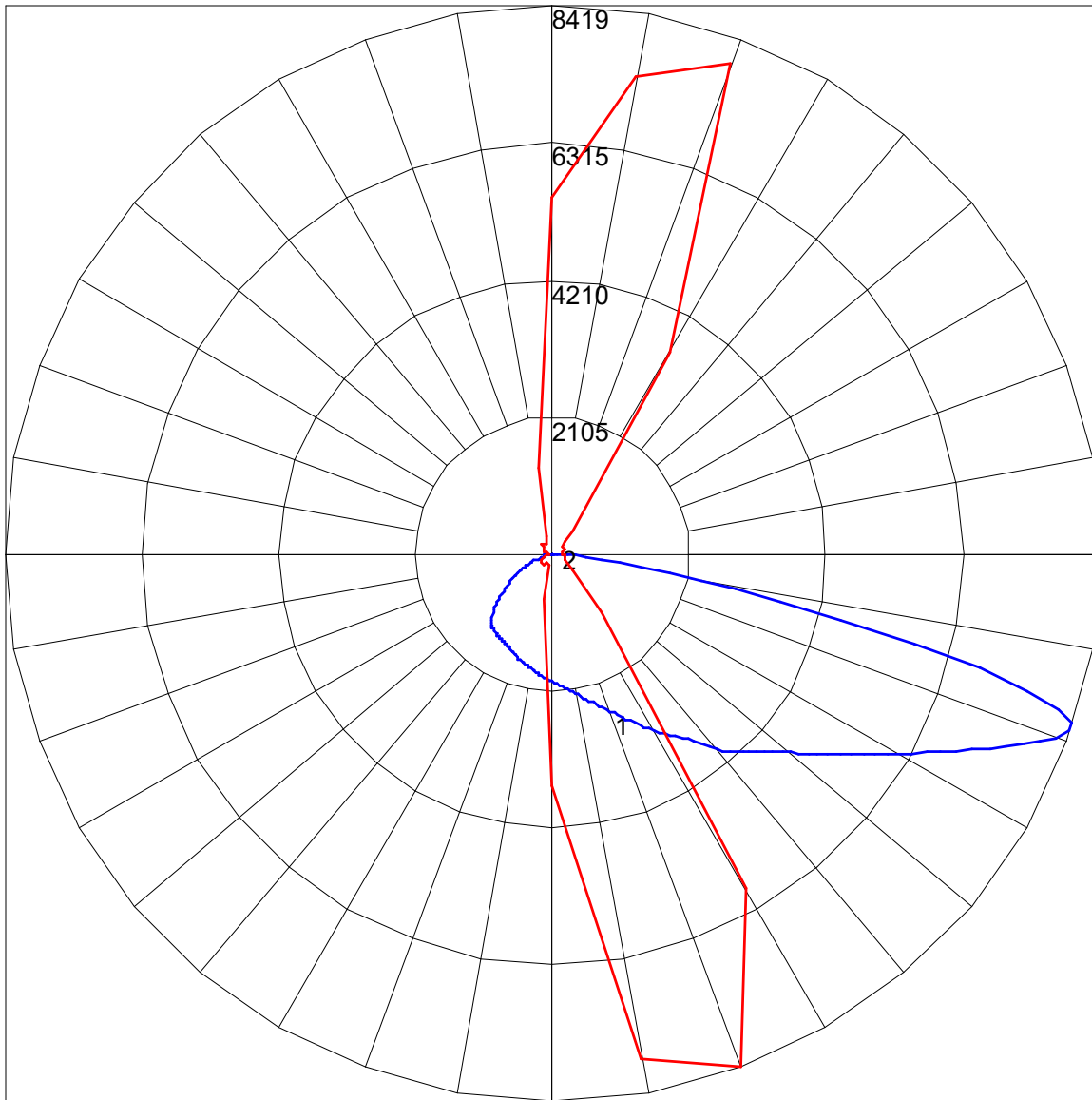
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

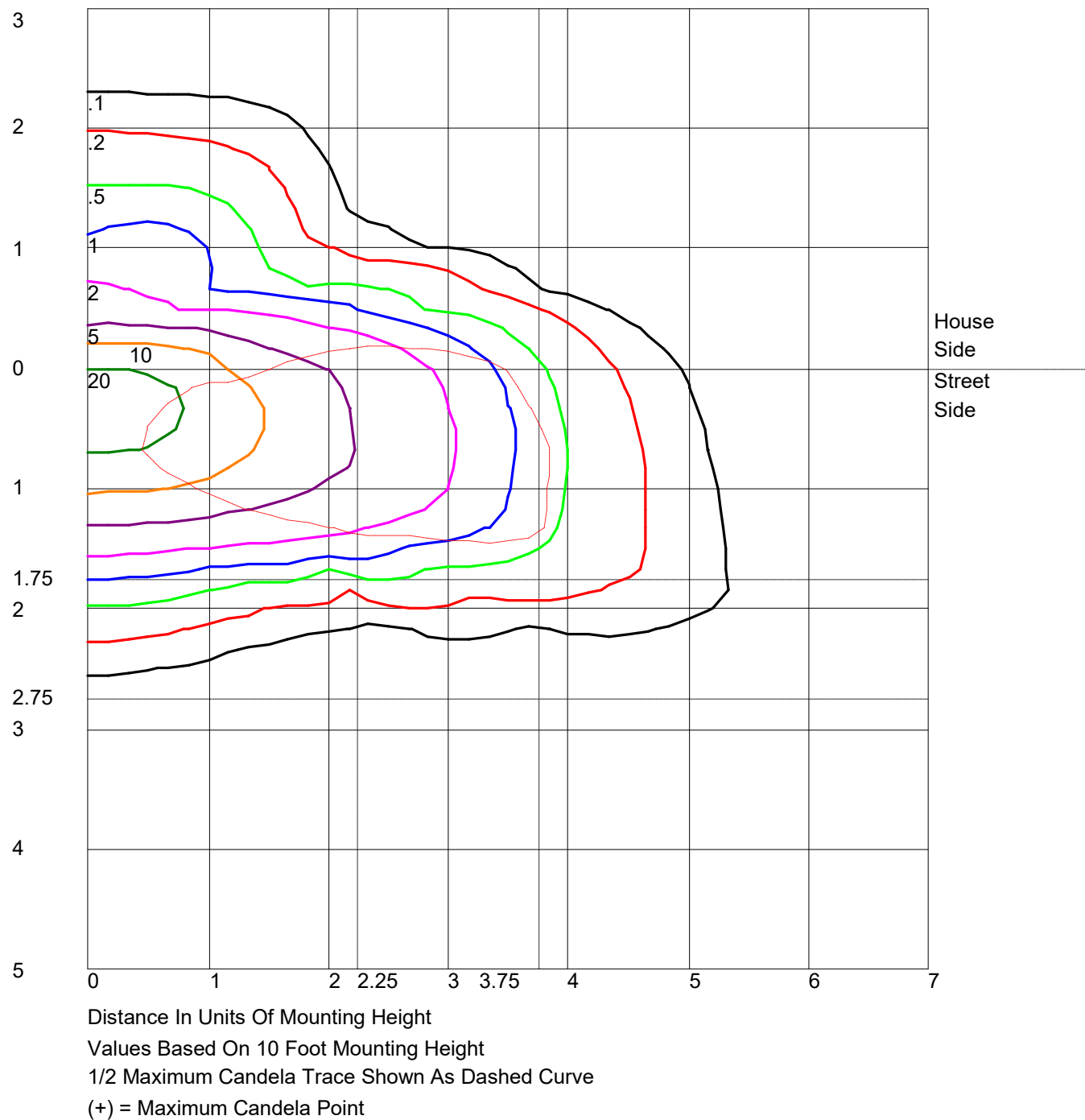
	Lumens	Percent Of Lamp
Downward Street Side	8289.8	81.2
Downward House Side	1915.3	18.8
Downward Total	10205.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	10205.1	100.0

POLAR GRAPH

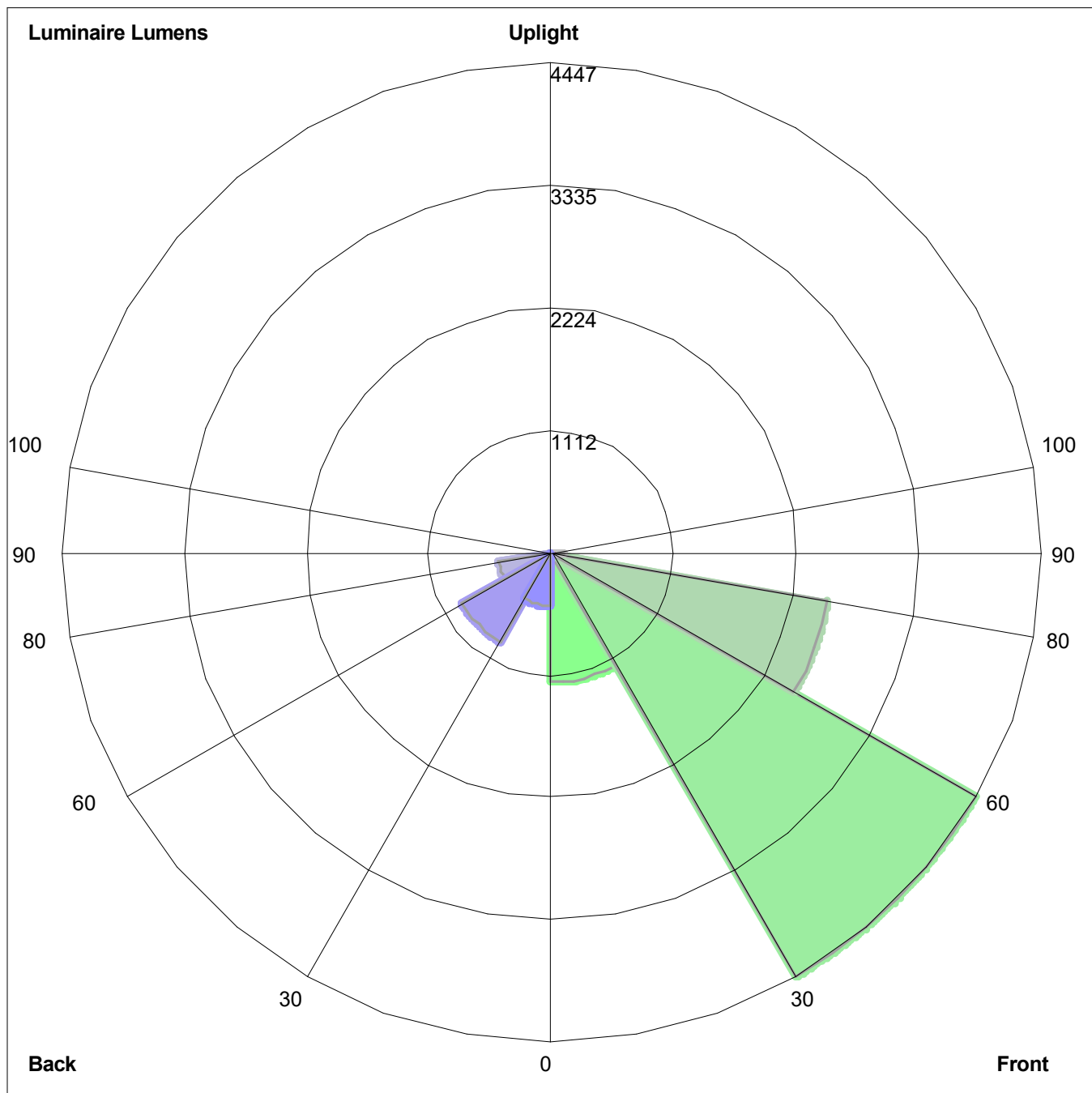


Maximum Candela = 8419.496 Located At Horizontal Angle = 290, Vertical Angle = 71  
# 1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1179.5, Medium=4447.3, High=2549.8, Very High=113.2  
Back: Low=486.4, Medium=932.4, High=484.5, Very High=12.0  
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G2