

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-18L-U-40-T4.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAS-18L-U-40-T4

[LUMINAIRE] Skyline Small, 18,000 Lumens, 4000K, Type 4 Optic

[LAMP] N/A

CHARACTERISTICS

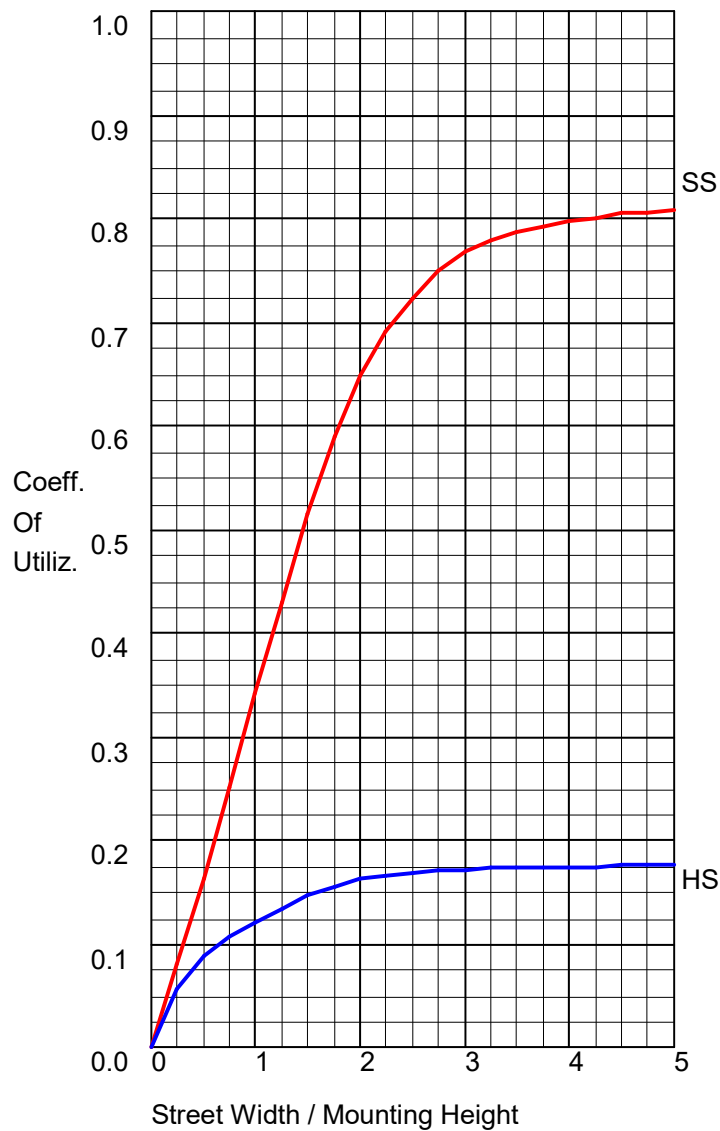
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	19422 (1 lamp)
Total Lamp Lumens	19422
Luminaire Lumens	19422
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	132.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	13327.155
Maximum Candela Angle	50H 68V
Maximum Candela (<90 Degrees Vertical)	13327.155
Maximum Candela Angle (<90 Degrees Vertical)	50H 68V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2932.11 (15.1% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1168.3	6.0	6.0
FM - Front-Medium (30-60)	6559.2	33.8	33.8
FH - Front-High (60-80)	7875.0	40.5	40.5
FVH - Front-Very High (80-90)	386.8	2.0	2.0
BL - Back-Low (0-30)	697.4	3.6	3.6
BM - Back-Medium (30-60)	1796.6	9.3	9.3
BH - Back-High (60-80)	912.8	4.7	4.7
BVH - Back-Very High (80-90)	25.6	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	19421.7	100.0	100.0
BUG Rating	B2-U0-G4		

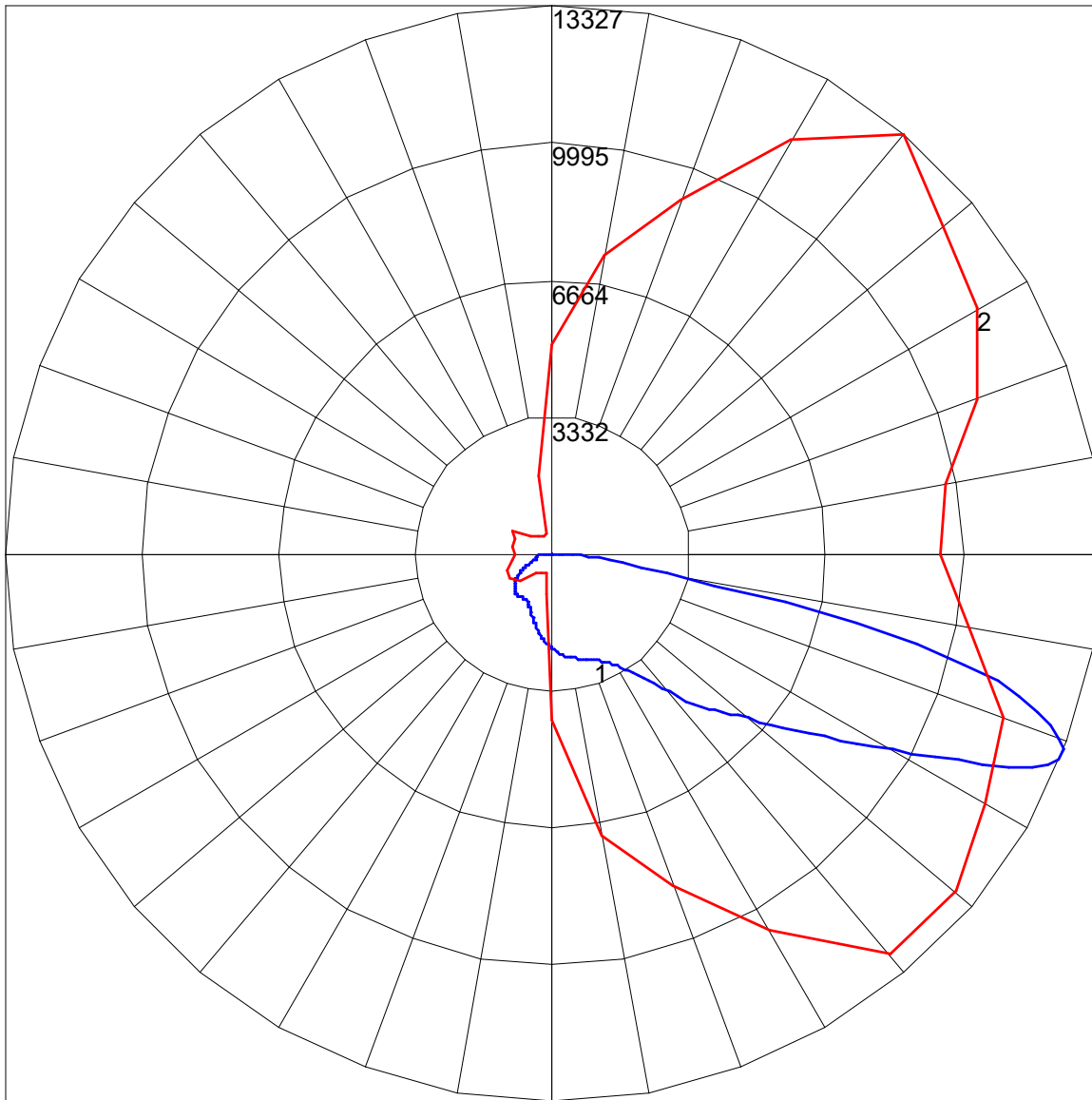
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

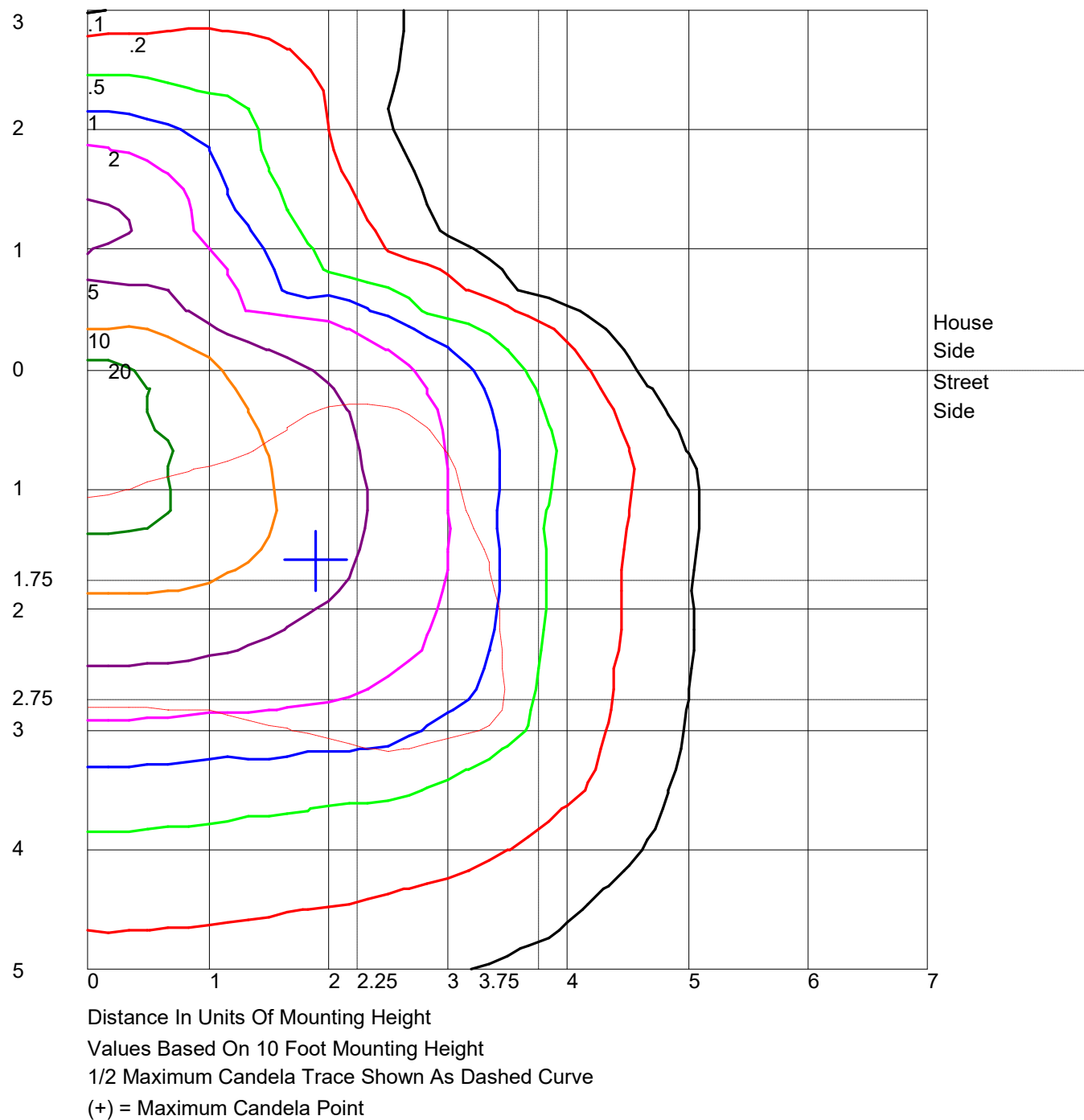
	Lumens	Percent Of Lamp
Downward Street Side	15989.2	82.3
Downward House Side	3432.4	17.7
Downward Total	19421.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	19421.6	100.0

POLAR GRAPH

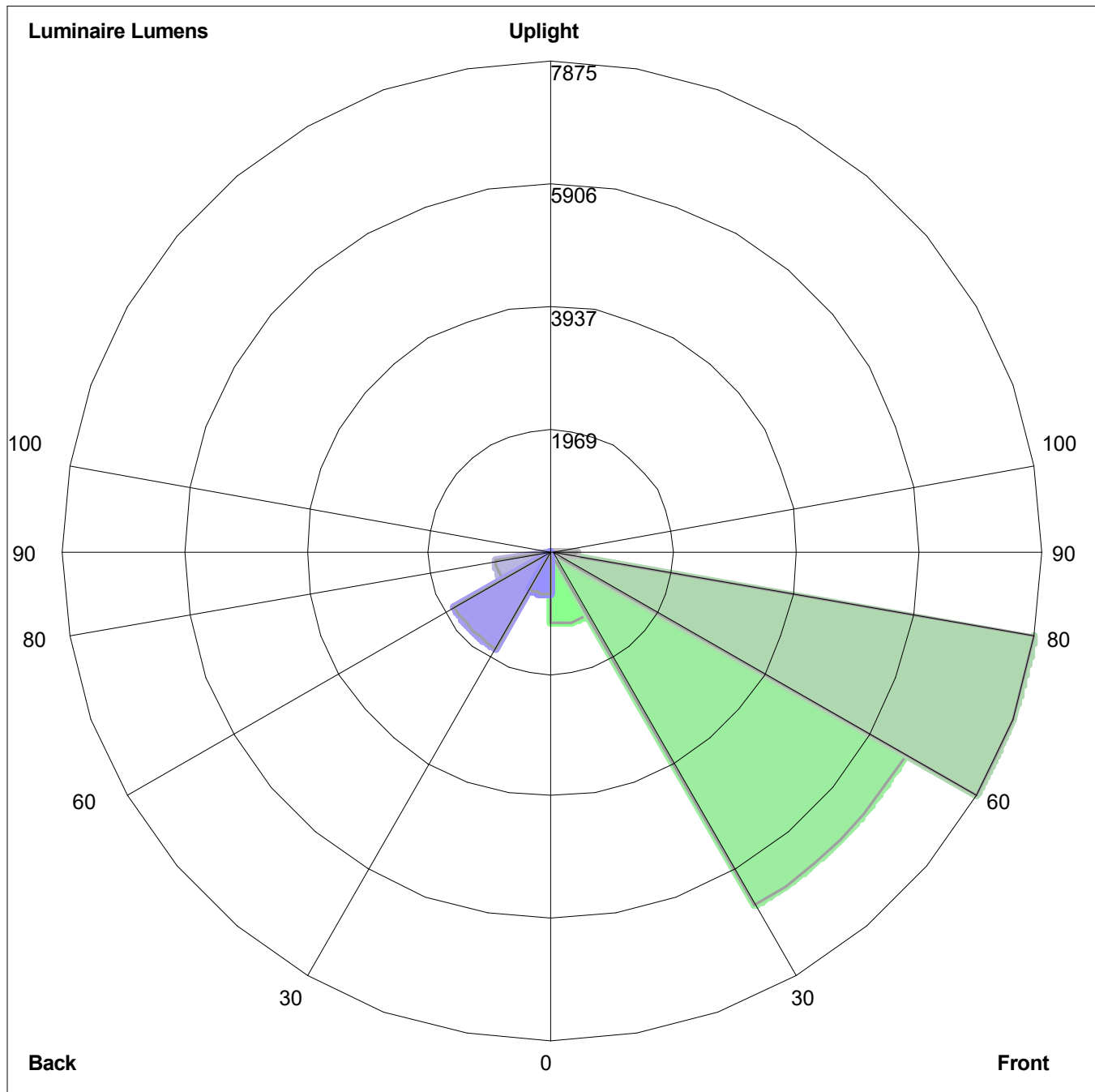


Maximum Candela = 13327.155 Located At Horizontal Angle = 50, Vertical Angle = 68
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (68) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1168.3, Medium=6559.2, High= 7875.0, Very High=386.8
Back: Low=697.4, Medium=1796.6, High=912.8, Very High=25.6
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G4