

IES ROAD REPORT**PHOTOMETRIC FILENAME : SAS-18L-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] SAS-18L-U-40-T5S

[LUMINAIRE] Skyline Small, 18,000 Lumens, 4000K, Type 5 Square Optic

[LAMP] N/A

CHARACTERISTICS

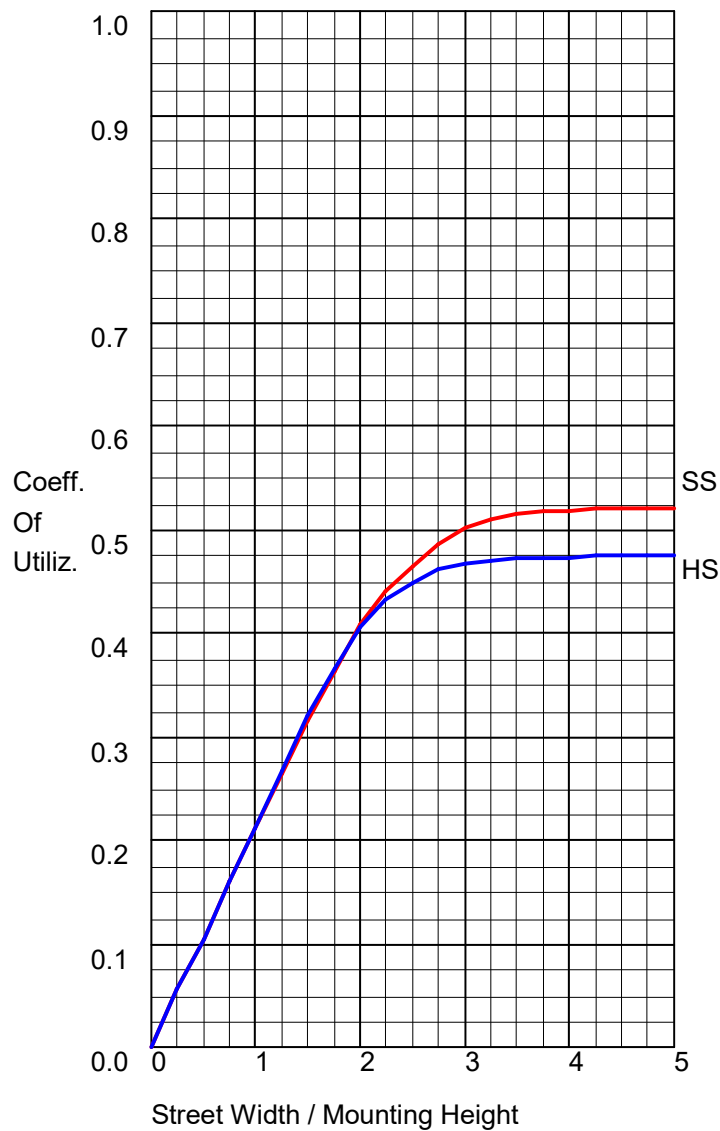
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	20236 (1 lamp)
Total Lamp Lumens	20236
Luminaire Lumens	20236
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	132.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	13648.313
Maximum Candela Angle	320H 71V
Maximum Candela (<90 Degrees Vertical)	13648.313
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	1890.253 (9.3% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	522.0	2.6	2.6
FM - Front-Medium (30-60)	3910.7	19.3	19.3
FH - Front-High (60-80)	6104.2	30.2	30.2
FVH - Front-Very High (80-90)	84.3	0.4	0.4
BL - Back-Low (0-30)	526.7	2.6	2.6
BM - Back-Medium (30-60)	4026.1	19.9	19.9
BH - Back-High (60-80)	5042.2	24.9	24.9
BVH - Back-Very High (80-90)	20.1	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	20236.3	100.0	100.0
BUG Rating	B5-U0-G5		

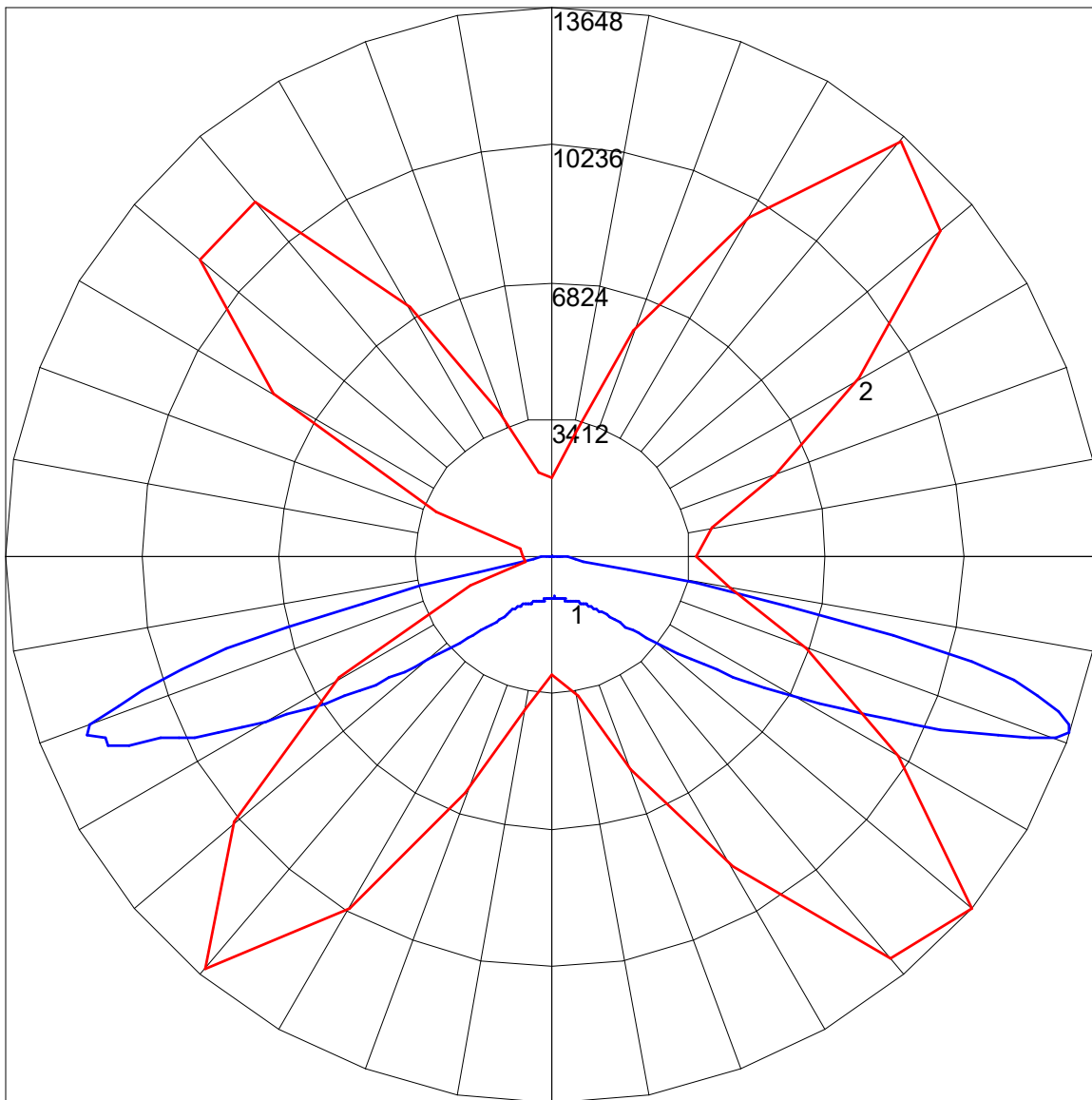
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

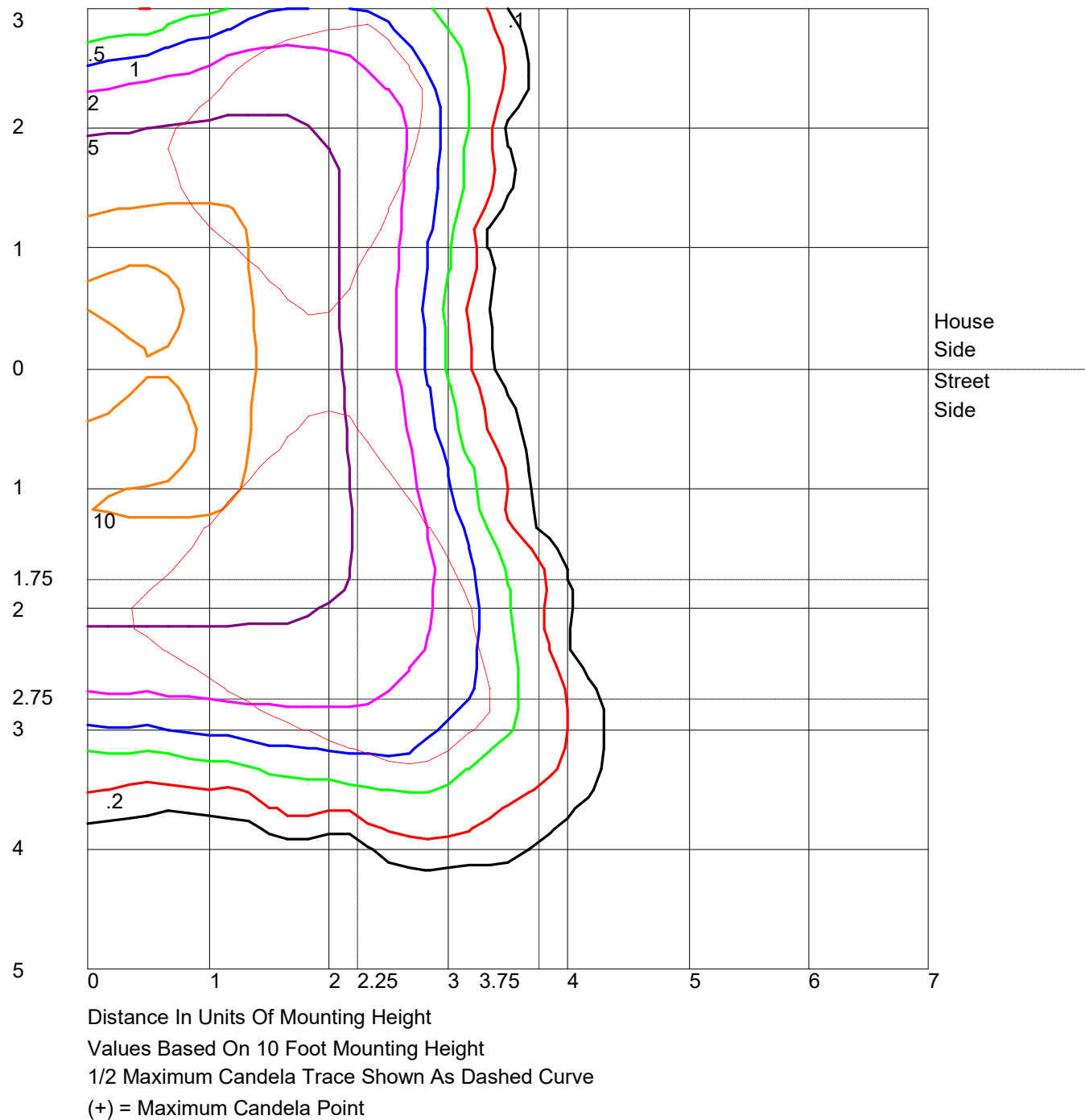
	Lumens	Percent Of Lamp
Downward Street Side	10621.1	52.5
Downward House Side	9615.1	47.5
Downward Total	20236.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	20236.2	100.0

POLAR GRAPH

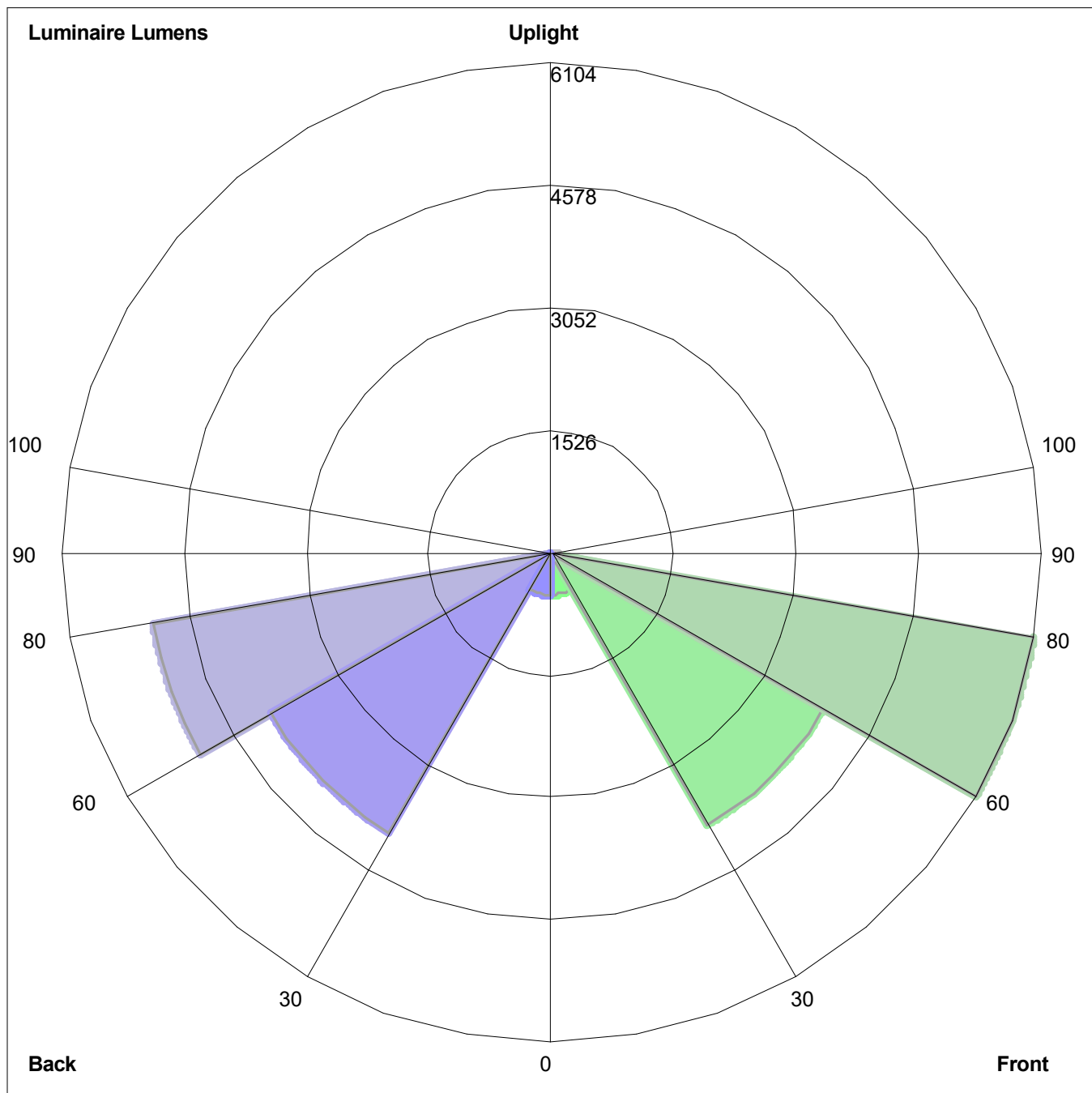


Maximum Candela = 13648.313 Located At Horizontal Angle = 320, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (320 - 140) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=522.0, Medium=3910.7, High=6104.2, Very High=84.3
Back: Low=526.7, Medium=4026.1, High=5042.2, Very High=20.1
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5