

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-15L-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-15L-U-40-T4

[LUMINAIRE] Skyline Small, 15,000 Lumens, 4000K, Type 4 Optic

[LAMP] N/A

CHARACTERISTICS

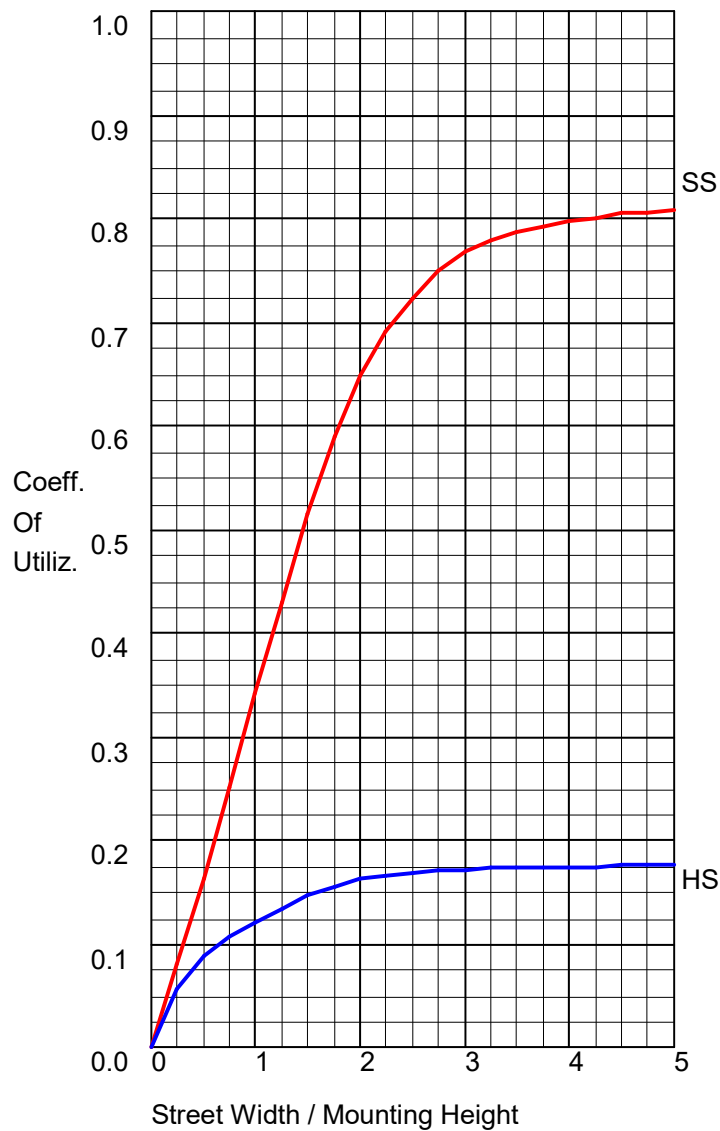
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	16185 (1 lamp)
Total Lamp Lumens	16185
Luminaire Lumens	16185
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	110.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	11105.963
Maximum Candela Angle	50H 68V
Maximum Candela (<90 Degrees Vertical)	11105.963
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	2443.425 (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)	973.6	6.0	6.0
FM - Front-Medium (30-60)	5466.0	33.8	33.8
FH - Front-High (60-80)	6562.5	40.5	40.5
FVH - Front-Very High (80-90)	322.3	2.0	2.0
BL - Back-Low (0-30)	581.2	3.6	3.6
BM - Back-Medium (30-60)	1497.2	9.3	9.3
BH - Back-High (60-80)	760.7	4.7	4.7
BVH - Back-Very High (80-90)	21.3	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	16184.8	100.0	100.0
BUG Rating	B2-U0-G3		

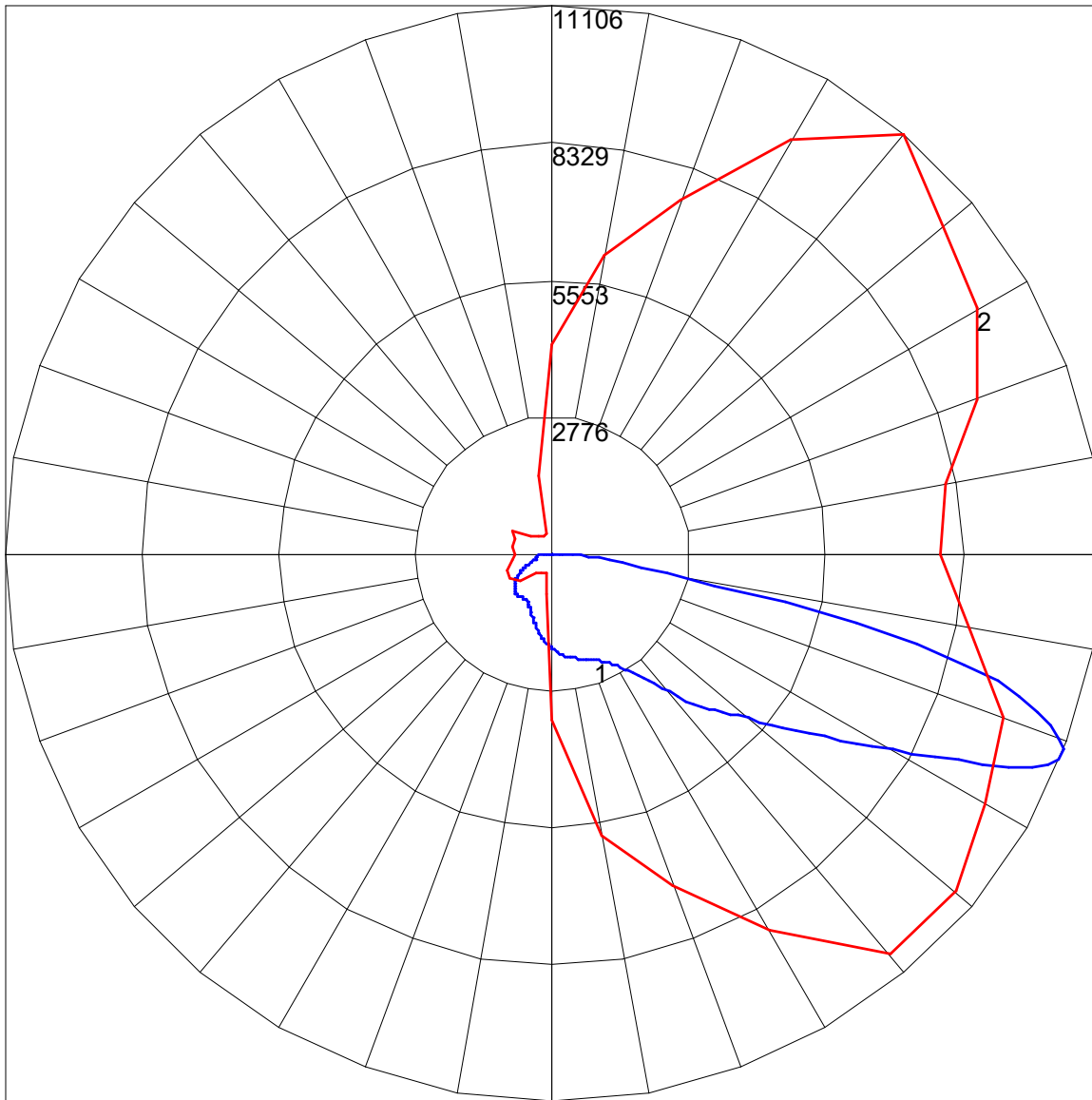
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

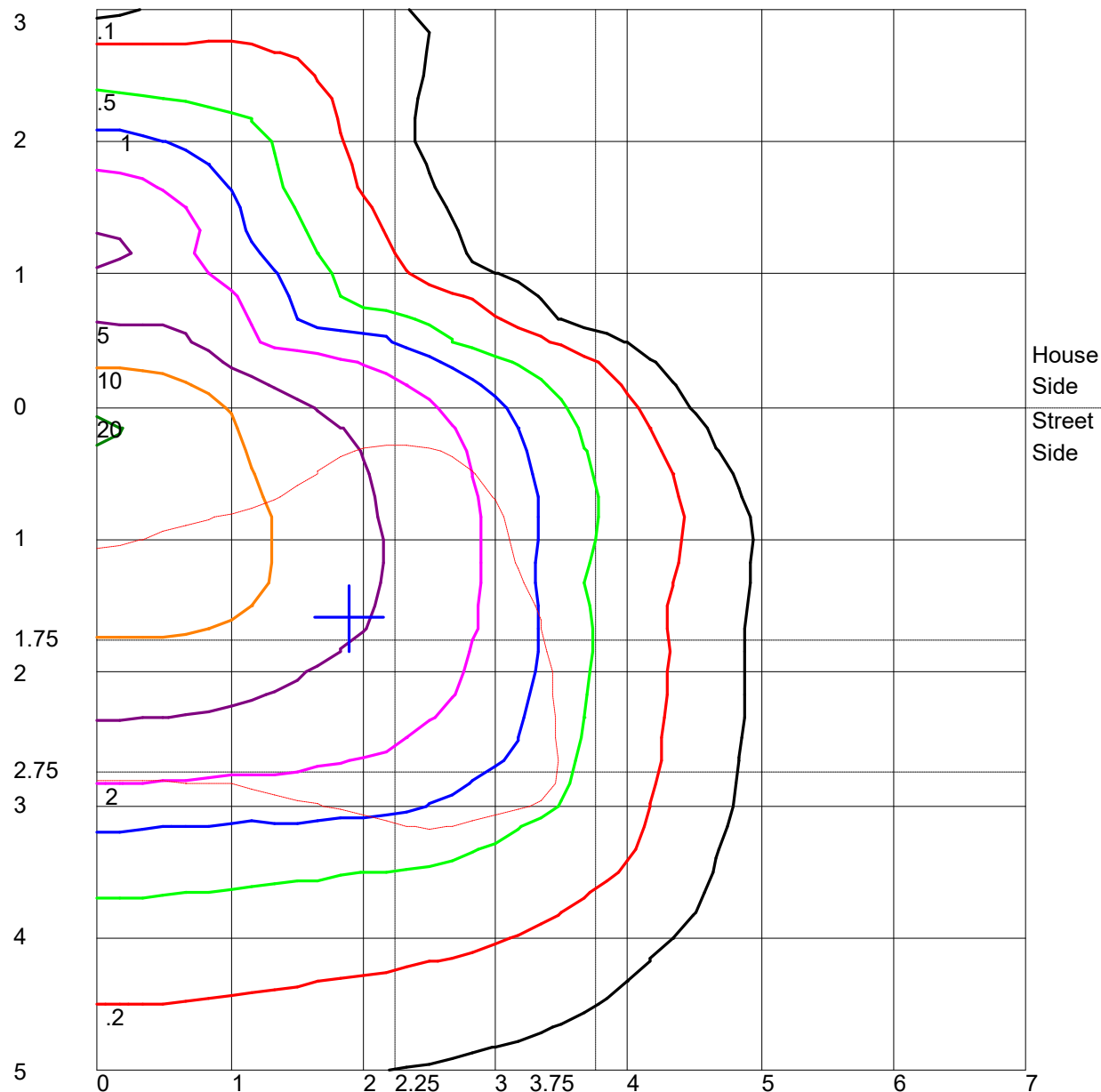
	Lumens	Percent Of Lamp
Downward Street Side	13324.4	82.3
Downward House Side	2860.4	17.7
Downward Total	16184.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	16184.8	100.0

POLAR GRAPH

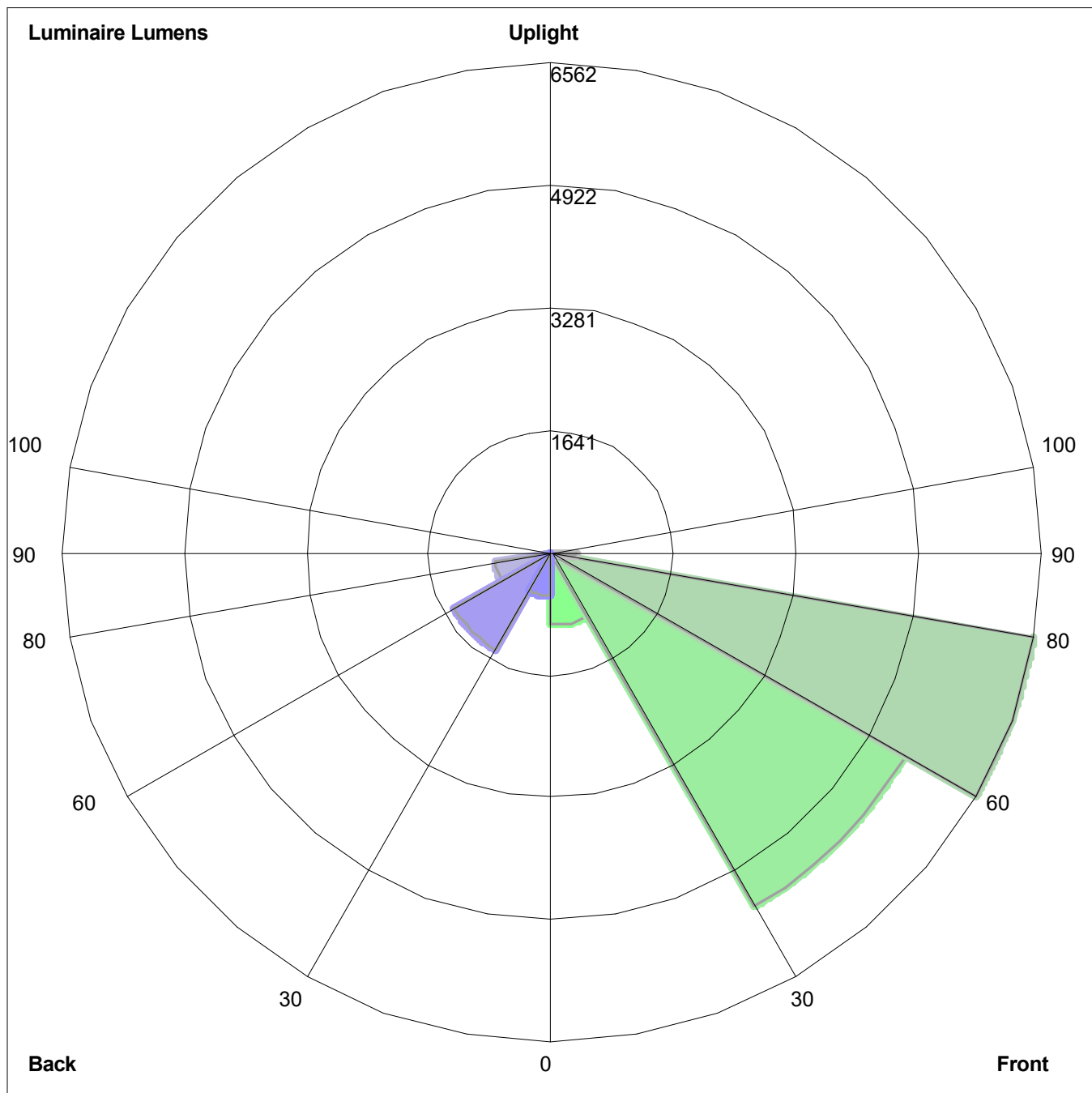


Maximum Candela = 11105.963 Located At Horizontal Angle = 50, Vertical Angle = 68
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (68) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=973.6, Medium= 5466.0, High=6562.5, Very High=322.3
Back: Low=581.2, Medium=1497.2, High=760.7, Very High=21.3
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G3