

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-18L-U-40-T2.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-18L-U-40-T2
[LUMINAIRE] Skyline Small, 18,000 Lumens, 4000K, Type 2 Optic
[LAMP] N/A

CHARACTERISTICS

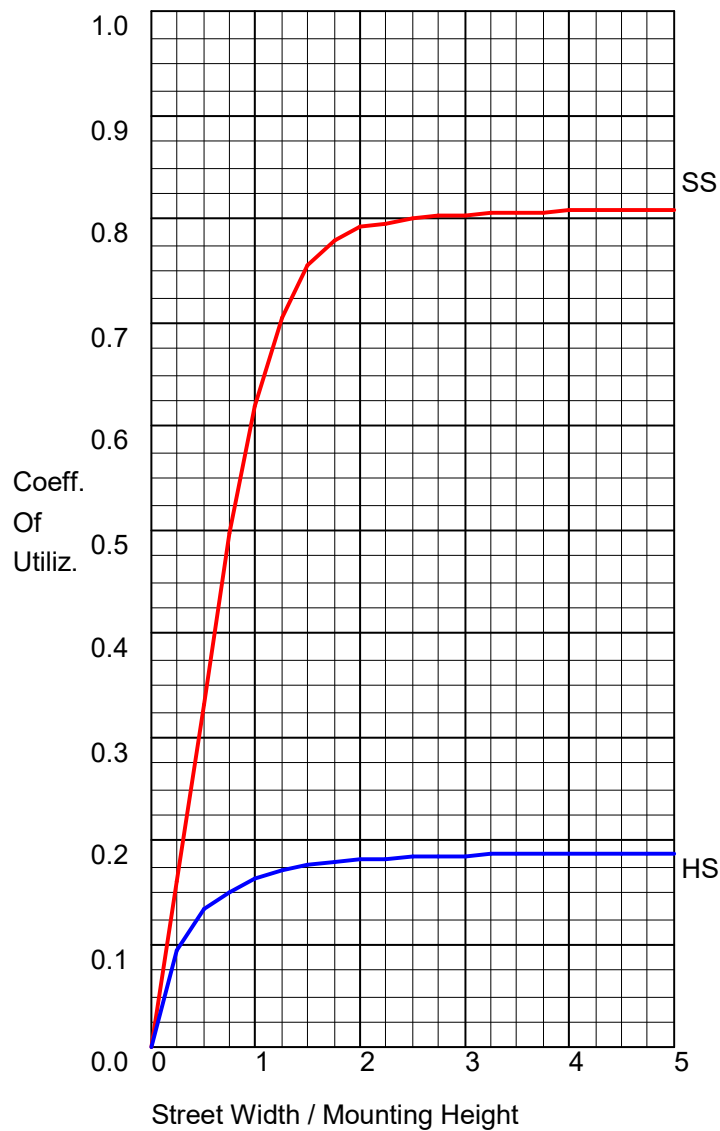
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	20410 (1 lamp)
Total Lamp Lumens	20410
Luminaire Lumens	20410
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	154
Total Luminaire Watts	132.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	16838.992
Maximum Candela Angle	290H 71V
Maximum Candela (<90 Degrees Vertical)	16838.992
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	4656.201 (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)	2359.0	11.6	11.6
FM - Front-Medium (30-60)	8894.5	43.6	43.6
FH - Front-High (60-80)	5099.6	25.0	25.0
FVH - Front-Very High (80-90)	226.4	1.1	1.1
BL - Back-Low (0-30)	972.8	4.8	4.8
BM - Back-Medium (30-60)	1864.8	9.1	9.1
BH - Back-High (60-80)	969.1	4.7	4.7
BVH - Back-Very High (80-90)	24.0	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	20410.2	100.0	100.0
BUG Rating	B2-U0-G3		

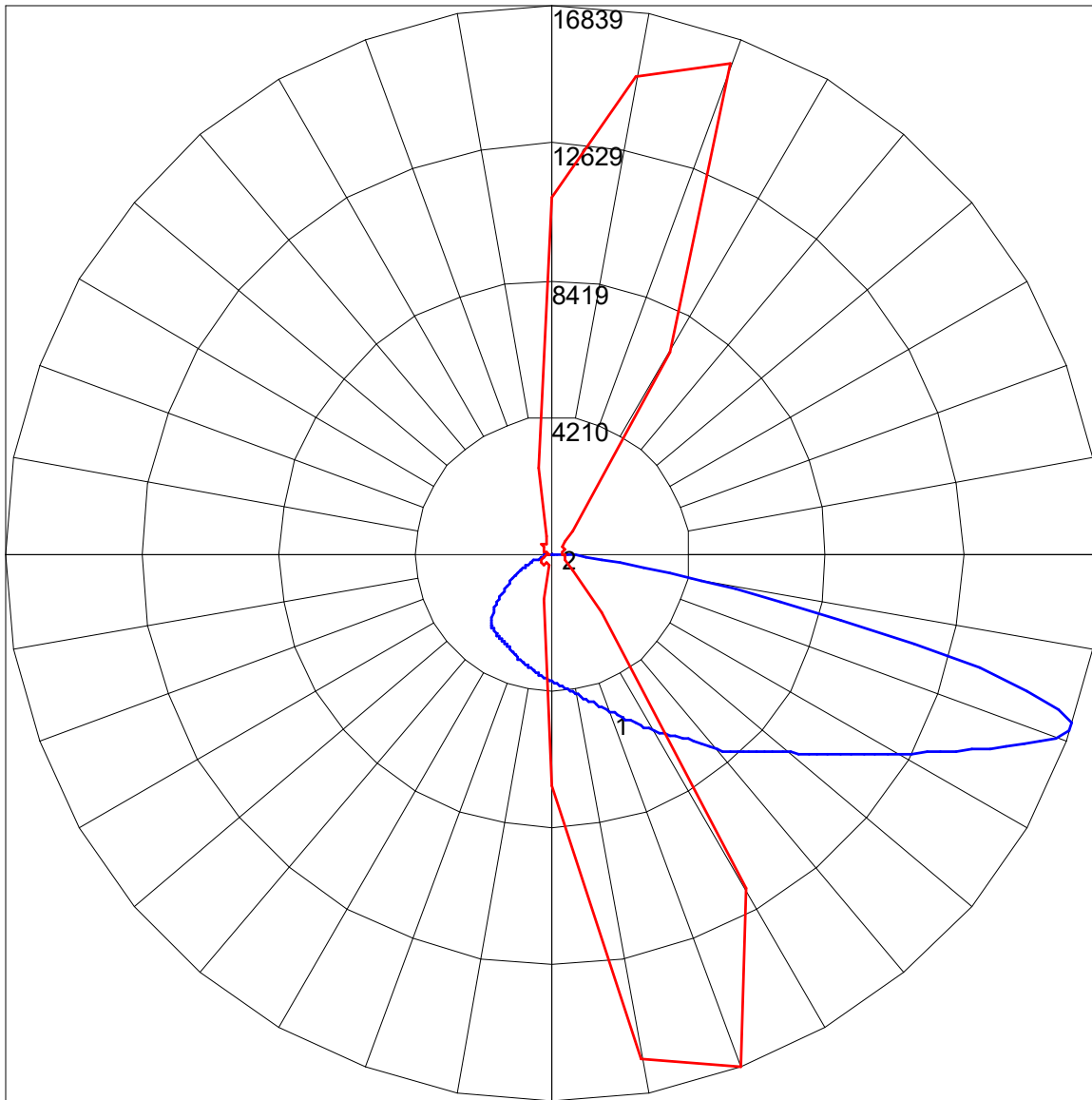
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

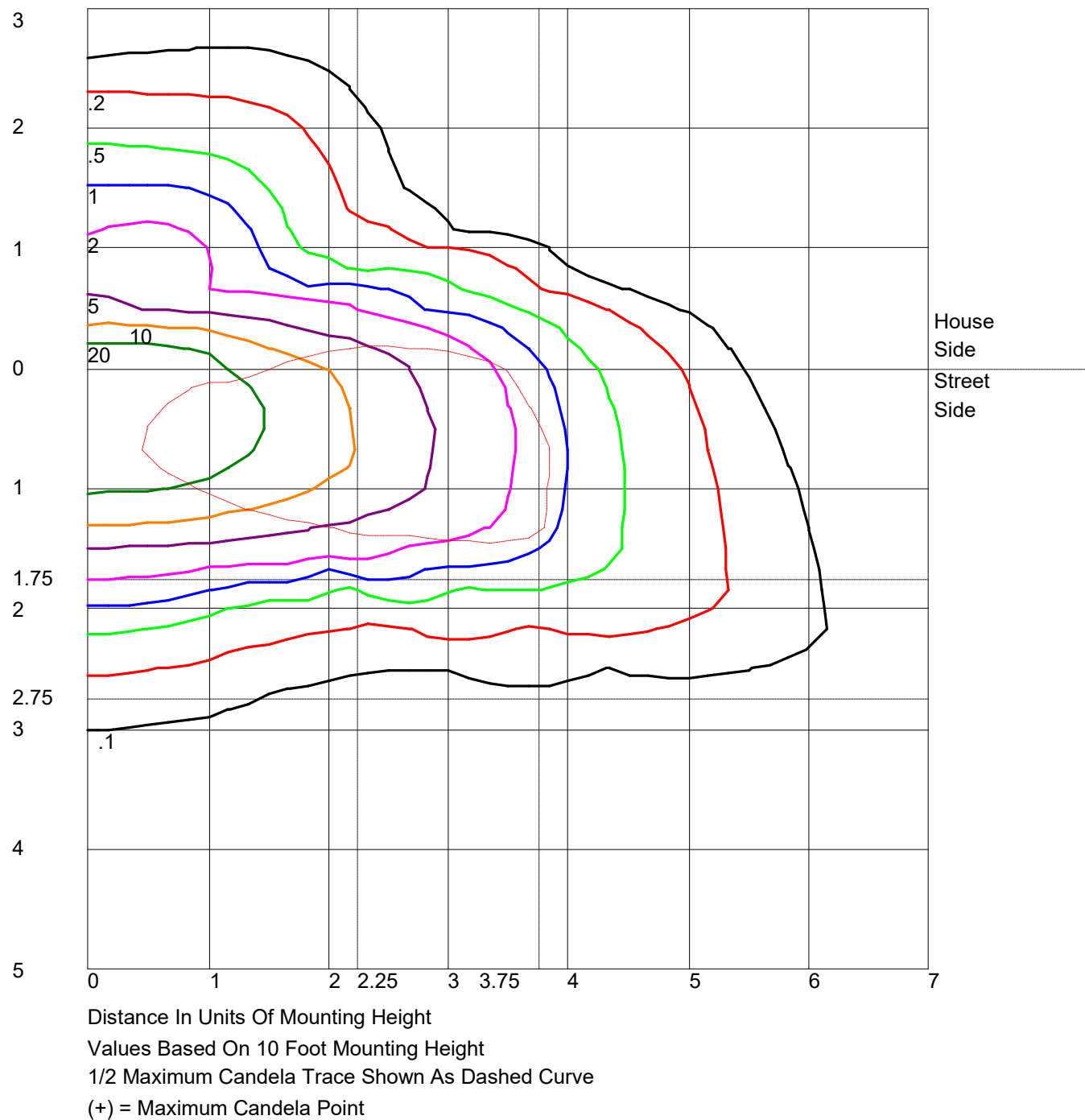
	Lumens	Percent Of Lamp
Downward Street Side	16579.6	81.2
Downward House Side	3830.6	18.8
Downward Total	20410.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	20410.2	100.0

POLAR GRAPH

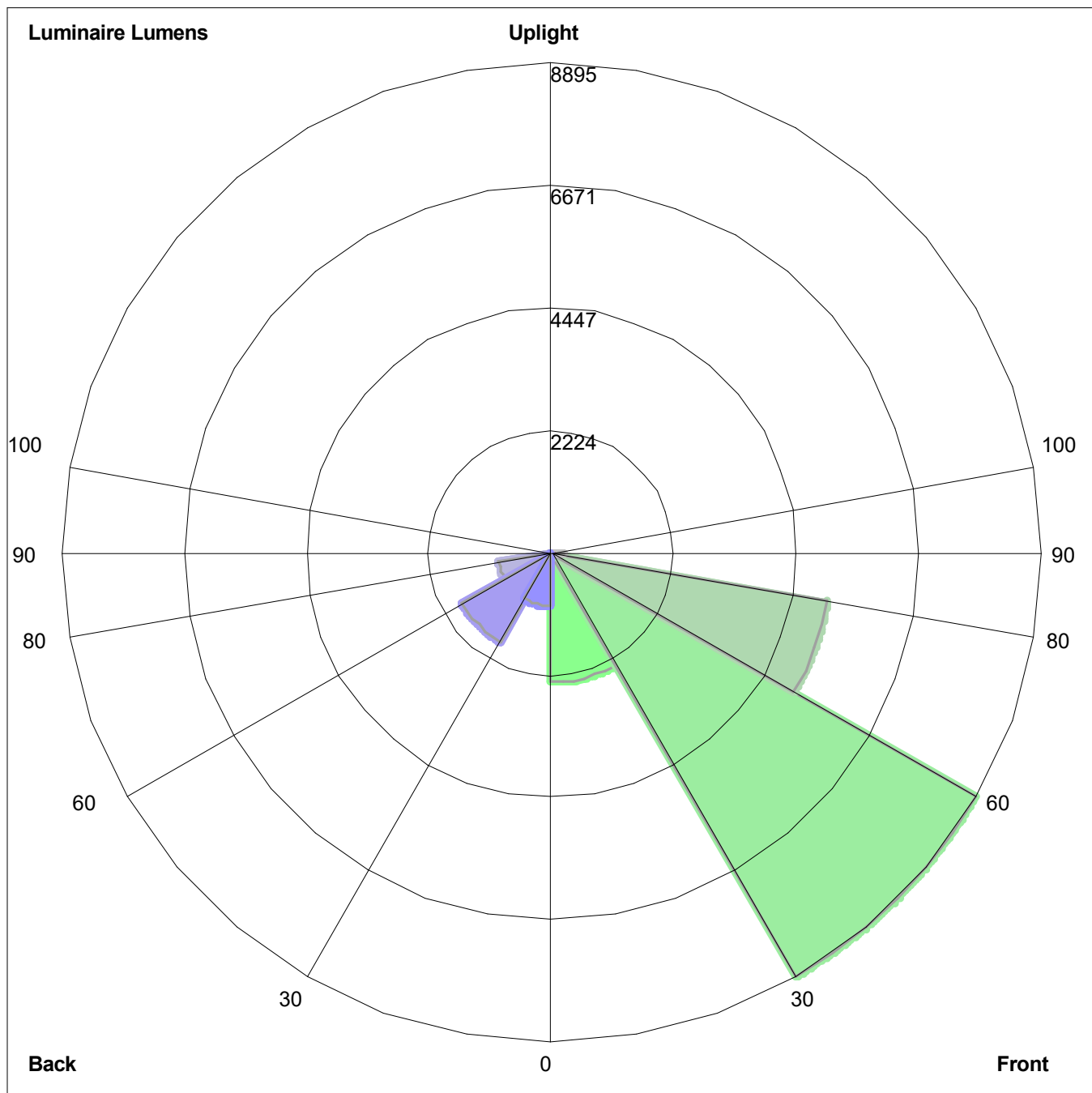


Maximum Candela = 16838.992 Located At Horizontal Angle = 290, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 2359.0, Medium=8894.5, High=5099.6, Very High=226.4
Back: Low=972.8, Medium=1864.8, High=969.1, Very High=24.0
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G3