

IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[MANUFAC] Industrial Lighting Products Inc

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

[LUMINAIRE] Skyline Small, 18,000 Lumens, 4000K, Forward Throw Automotive

[LAMPPOSITION] 0,0

[LAMP] N/A

CHARACTERISTICS

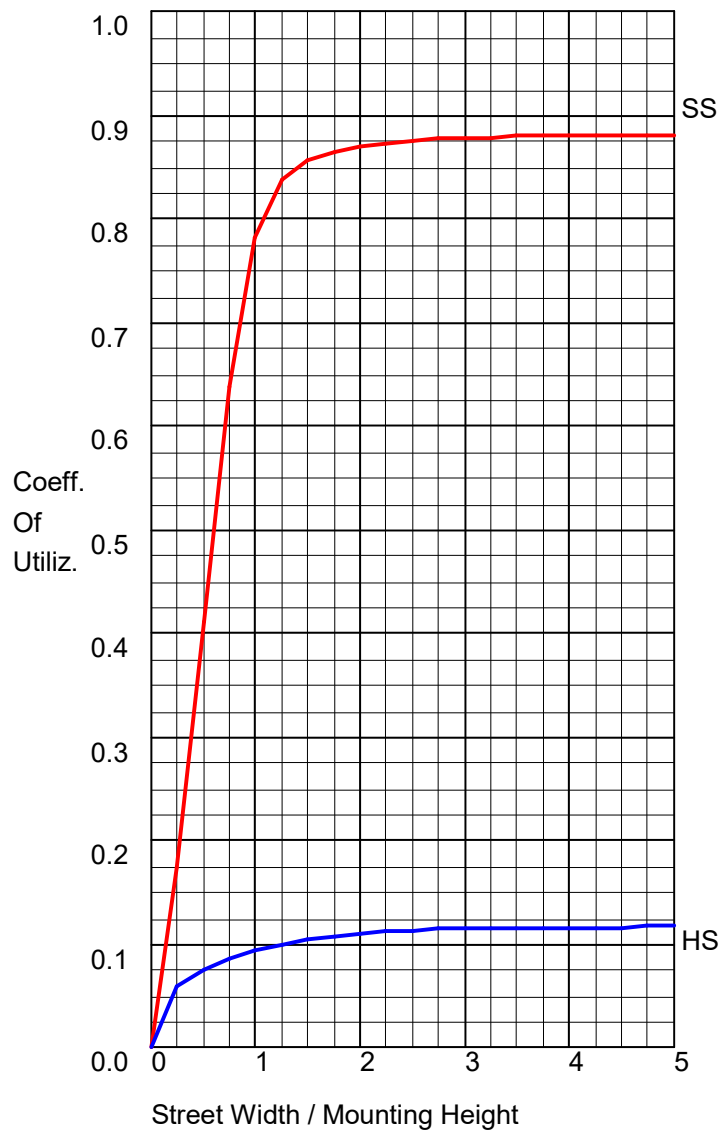
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	20527 (1 lamp)
Total Lamp Lumens	20527
Luminaire Lumens	20527
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	132.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	18047.41
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	18047.41
Maximum Candela Angle (<90 Degrees Vertical)	60H 45V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	219.55 (1.1% Lamp Lumens)
Cutoff Classification (deprecated)	Full Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	4121.1	20.1	20.1
FM - Front-Medium (30-60)	12705.2	61.9	61.9
FH - Front-High (60-80)	1258.1	6.1	6.1
FVH - Front-Very High (80-90)	33.4	0.2	0.2
BL - Back-Low (0-30)	872.7	4.3	4.3
BM - Back-Medium (30-60)	1187.7	5.8	5.8
BH - Back-High (60-80)	335.5	1.6	1.6
BVH - Back-Very High (80-90)	13.5	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	20527.2	100.1	100.0
BUG Rating	B2-U0-G1		

COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

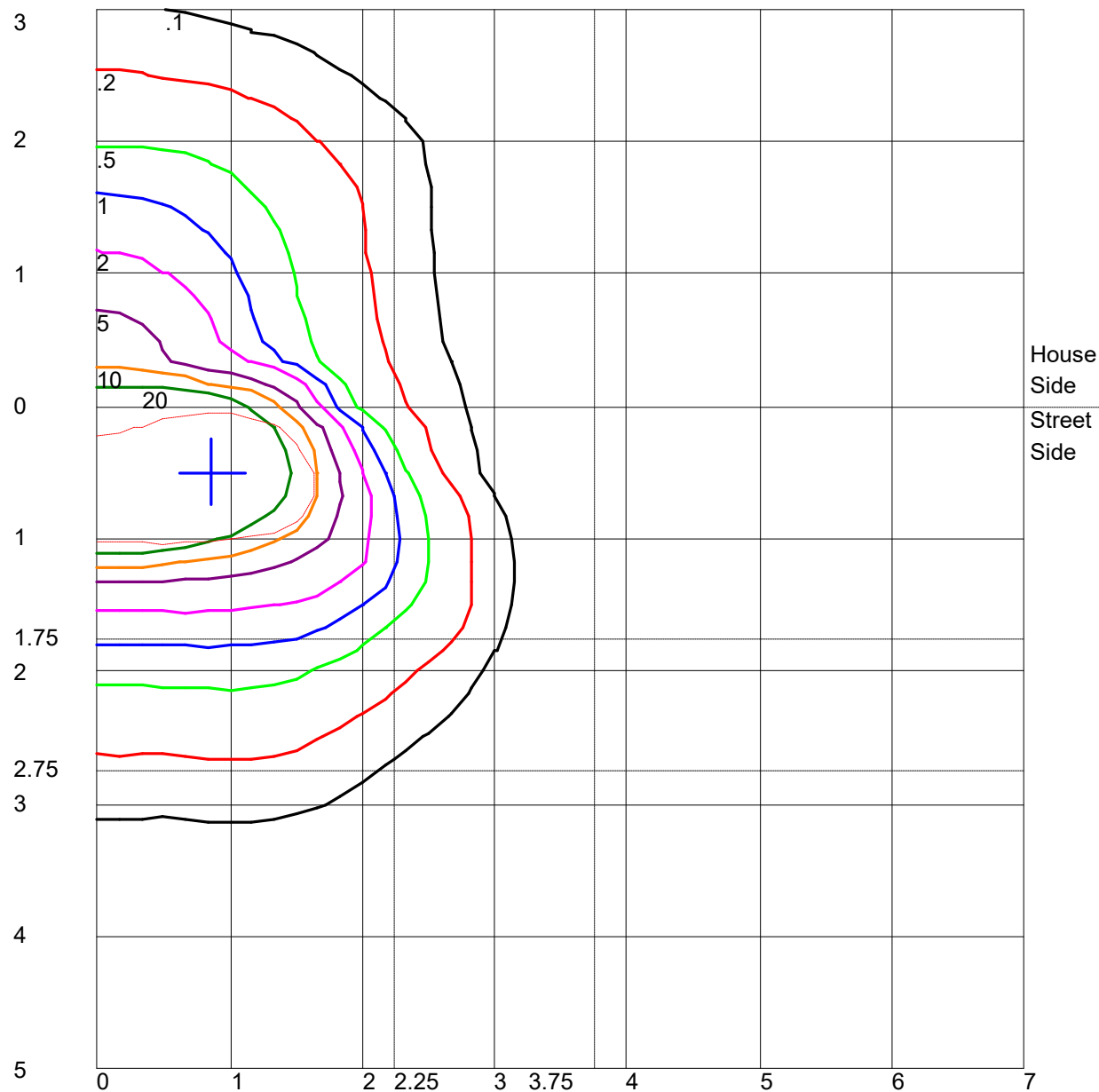
	Lumens	Percent Of Lamp
Downward Street Side	18117.8	88.3
Downward House Side	2409.4	11.7
Downward Total	20527.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	20527.2	100.0

POLAR GRAPH

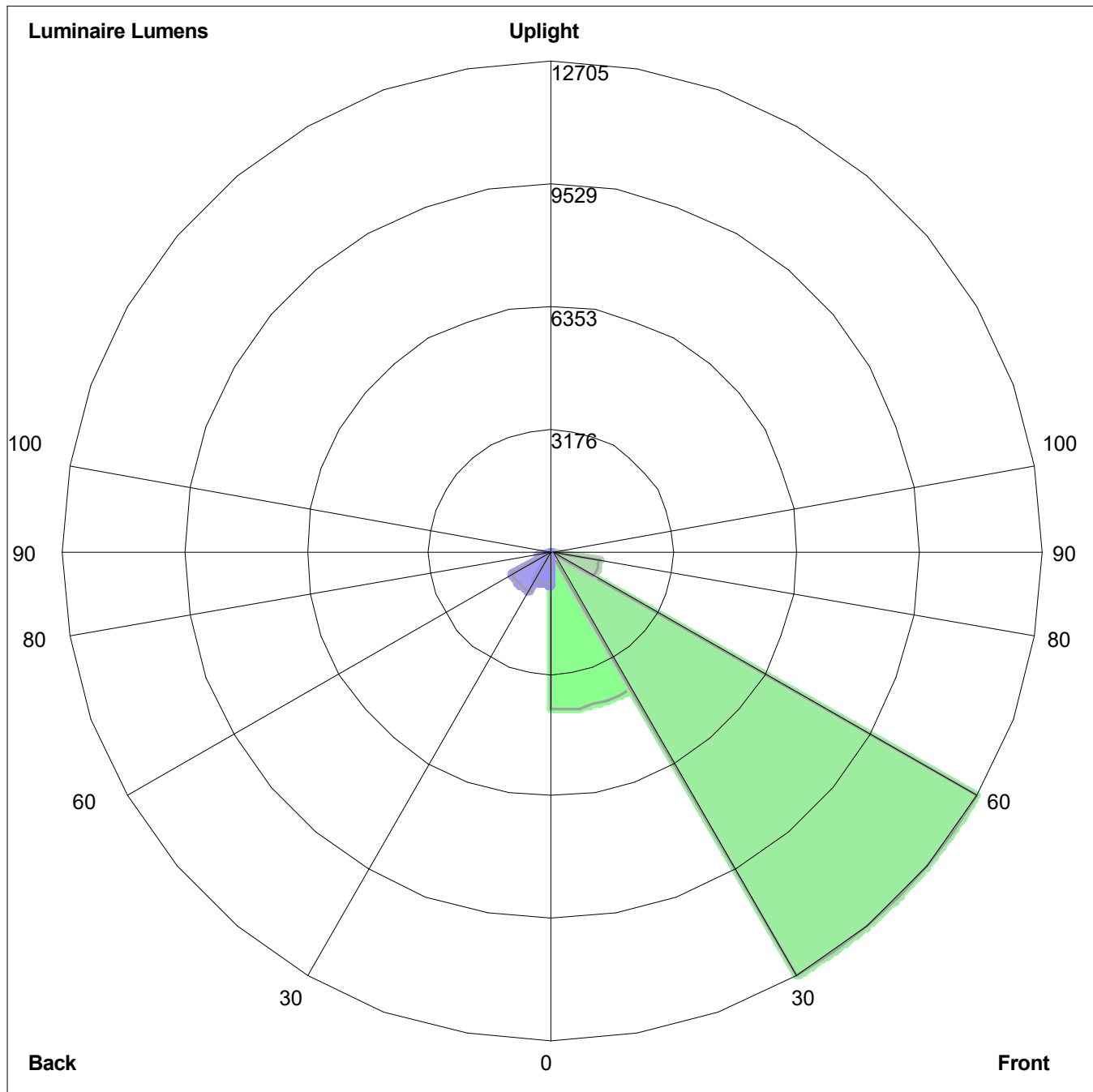


Maximum Candela = 18047.41 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=4121.1, Medium=12705.2, High=1258.1, Very High=33.4
Back: Low=872.7, Medium=1187.7, High=335.5, Very High=13.5
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1