

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-15L-U-40-FTA.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAS-15L-U-40-FTA

[LUMINAIRE] Skyline Small, 15,000 Lumens, 4000K, Forward Throw Automotive

[LAMPPOSITION] 0,0

[LAMP] N/A

CHARACTERISTICS

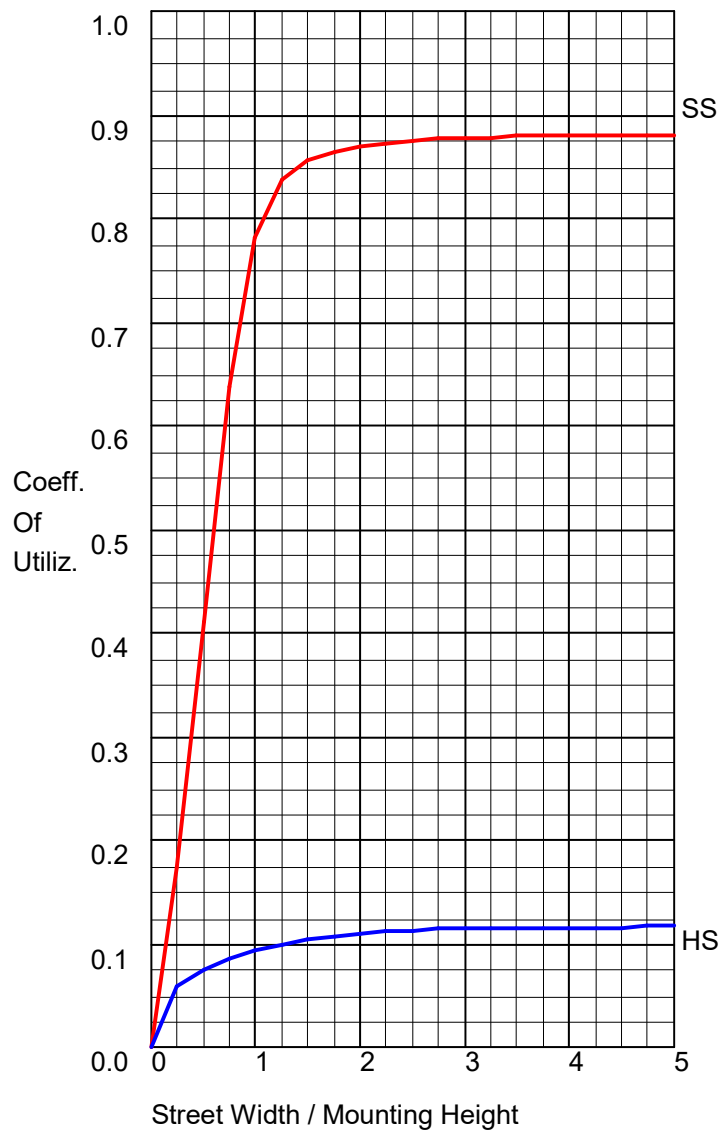
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	17106 (1 lamp)
Total Lamp Lumens	17106
Luminaire Lumens	17106
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	110.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	15039.655
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	15039.655
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	182.96 (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)	3434.3	20.1	20.1
FM - Front-Medium (30-60)	10587.8	61.9	61.9
FH - Front-High (60-80)	1048.4	6.1	6.1
FVH - Front-Very High (80-90)	27.8	0.2	0.2
BL - Back-Low (0-30)	727.3	4.3	4.3
BM - Back-Medium (30-60)	989.7	5.8	5.8
BH - Back-High (60-80)	279.6	1.6	1.6
BVH - Back-Very High (80-90)	11.2	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	17106.1	100.1	100.0
BUG Rating	B2-U0-G1		

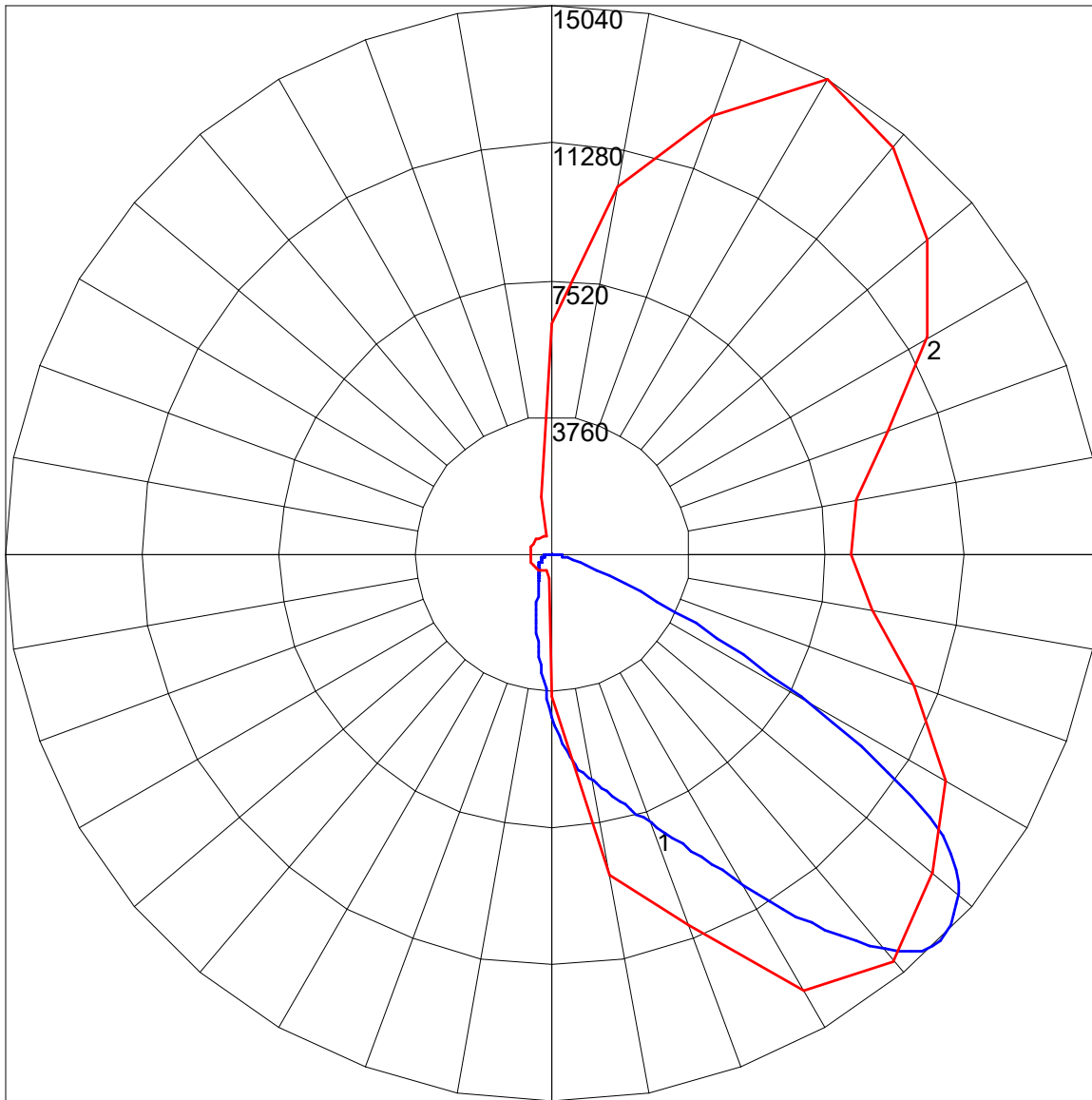
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

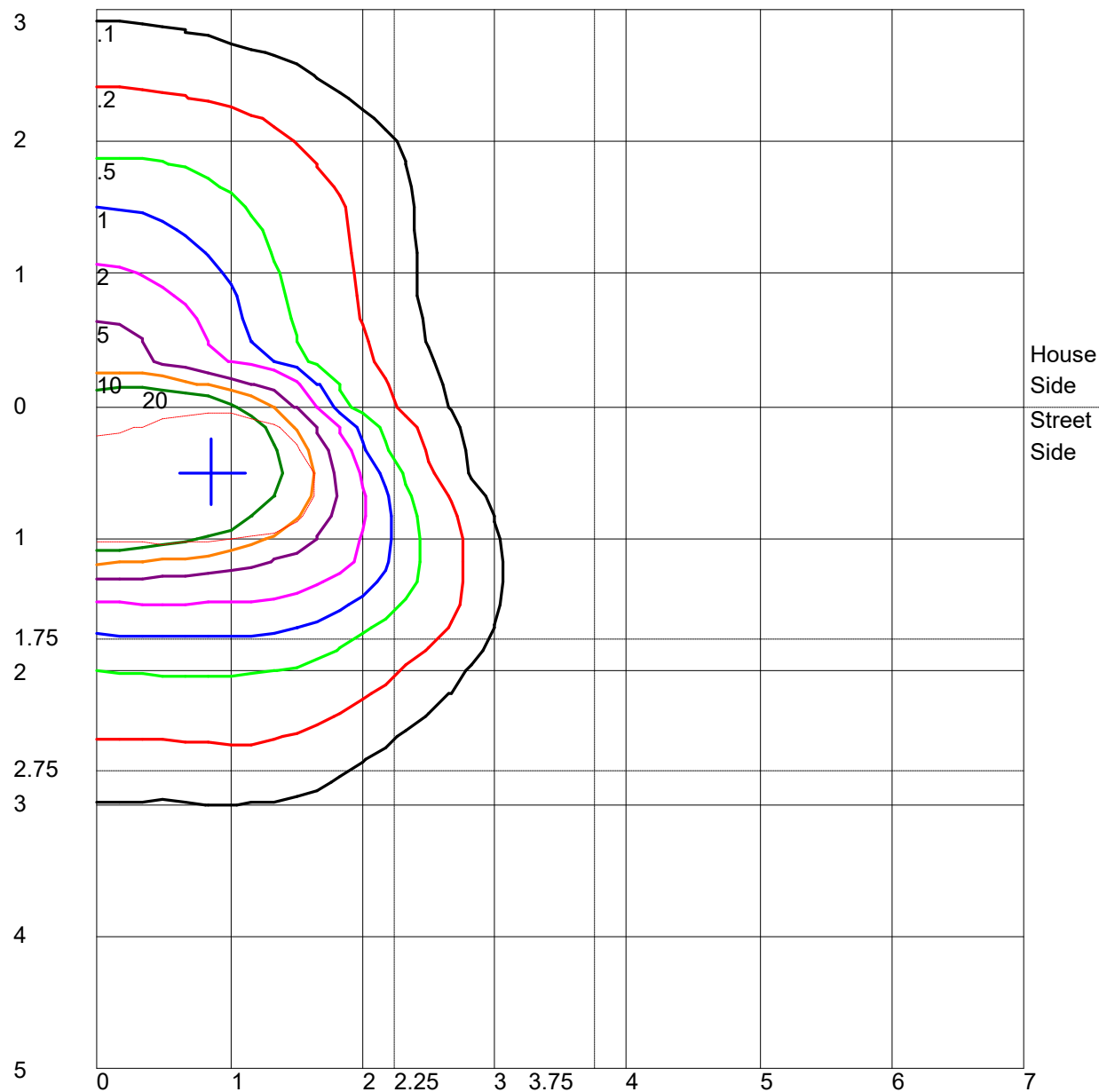
	Lumens	Percent Of Lamp
Downward Street Side	15098.3	88.3
Downward House Side	2007.8	11.7
Downward Total	17106.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17106.1	100.0

POLAR GRAPH



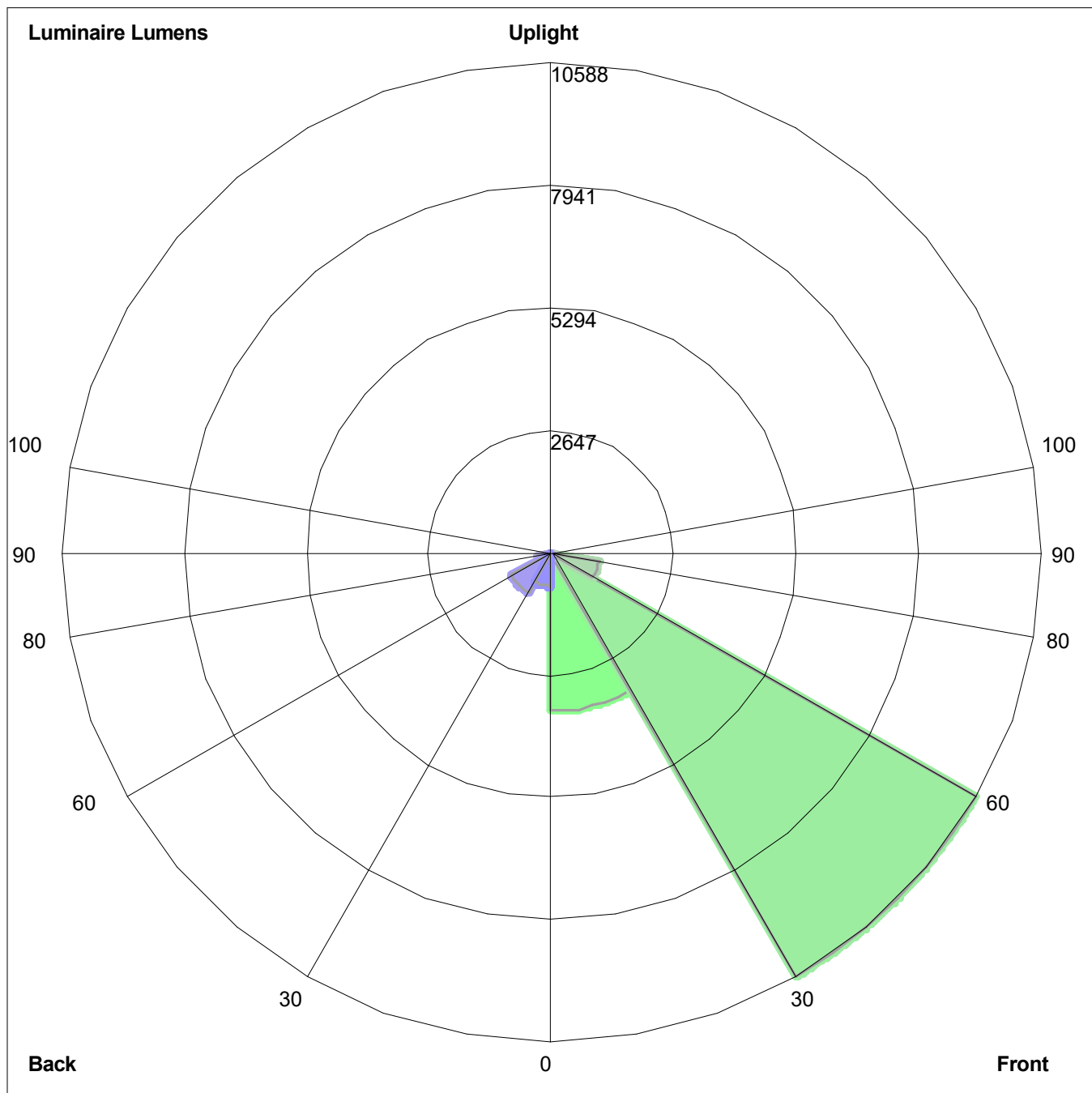
Maximum Candela = 15039.655 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=3434.3, Medium=10587.8, High=1048.4, Very High=27.8
Back: Low=727.3, Medium=989.7, High=279.6, Very High=11.2
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1