

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-18L-U-40-T3.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-T3
[LUMINAIRE] Skyline Small, 18,000 Lumens, 4000K, Type 3 Optic
[LAMP] N/A

CHARACTERISTICS

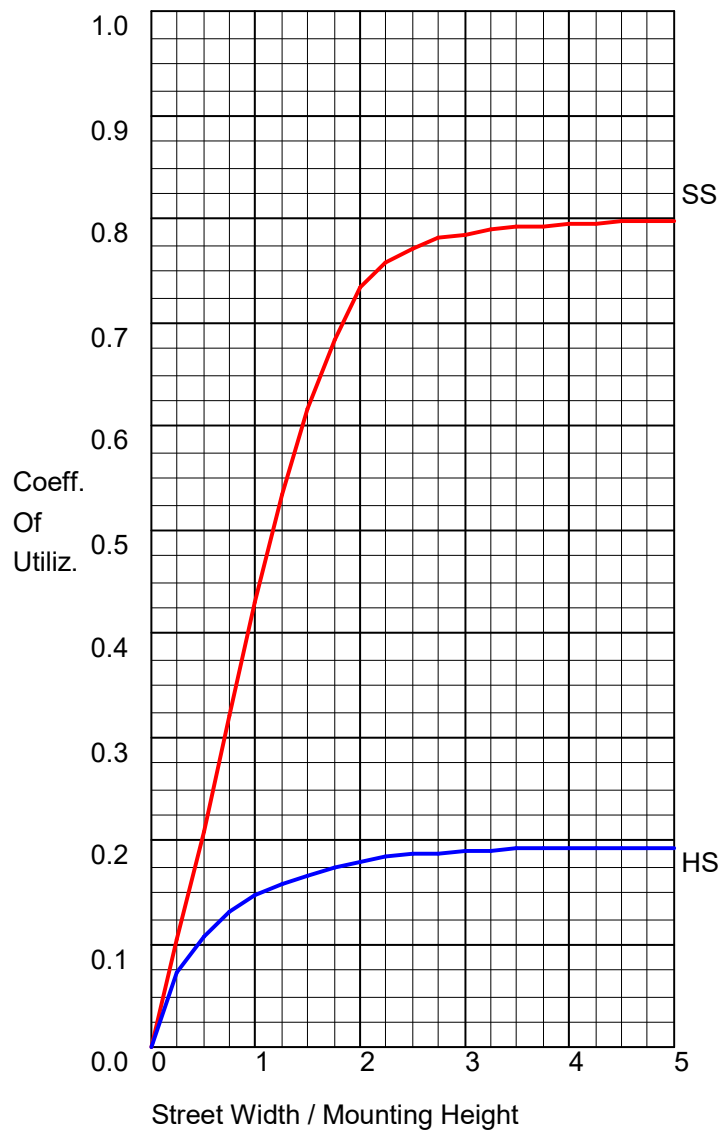
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	20379 (1 lamp)
Total Lamp Lumens	20379
Luminaire Lumens	20379
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	154
Total Luminaire Watts	132.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	15937.8
Maximum Candela Angle	60H 66V
Maximum Candela (<90 Degrees Vertical)	15937.8
Maximum Candela Angle (<90 Degrees Vertical)	60H 66V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2106.345 (10.3% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

IES ROAD REPORT
PHOTOMETRIC FILENAME : SAS-18L-U-40-T3.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1275.8	6.3	6.3
FM - Front-Medium (30-60)	7719.6	37.9	37.9
FH - Front-High (60-80)	7212.1	35.4	35.4
FVH - Front-Very High (80-90)	205.4	1.0	1.0
BL - Back-Low (0-30)	757.5	3.7	3.7
BM - Back-Medium (30-60)	2156.3	10.6	10.6
BH - Back-High (60-80)	1017.8	5.0	5.0
BVH - Back-Very High (80-90)	34.2	0.2	0.2
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	20378.7	100.1	100.0
BUG Rating	B3-U0-G3		

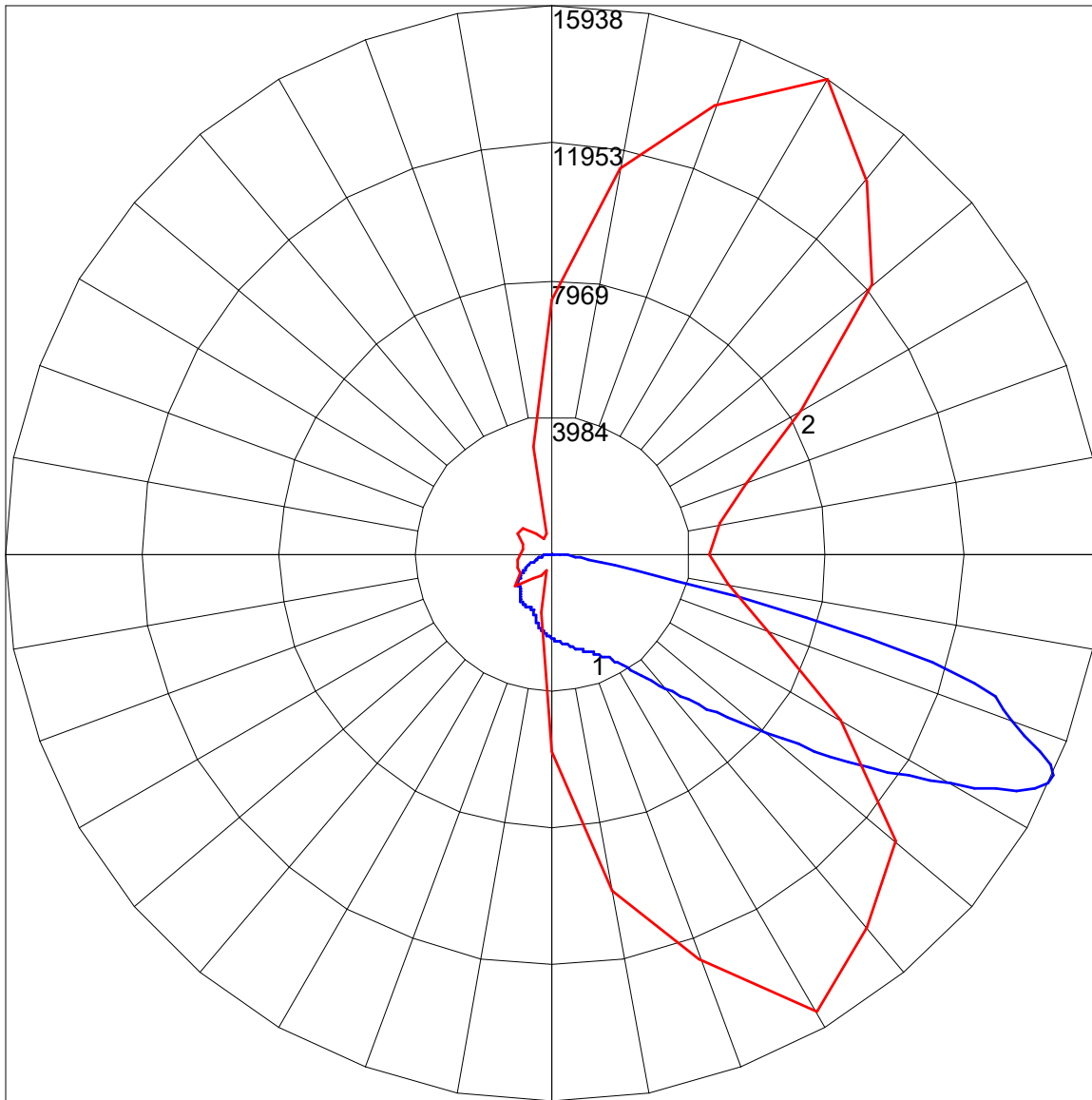
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

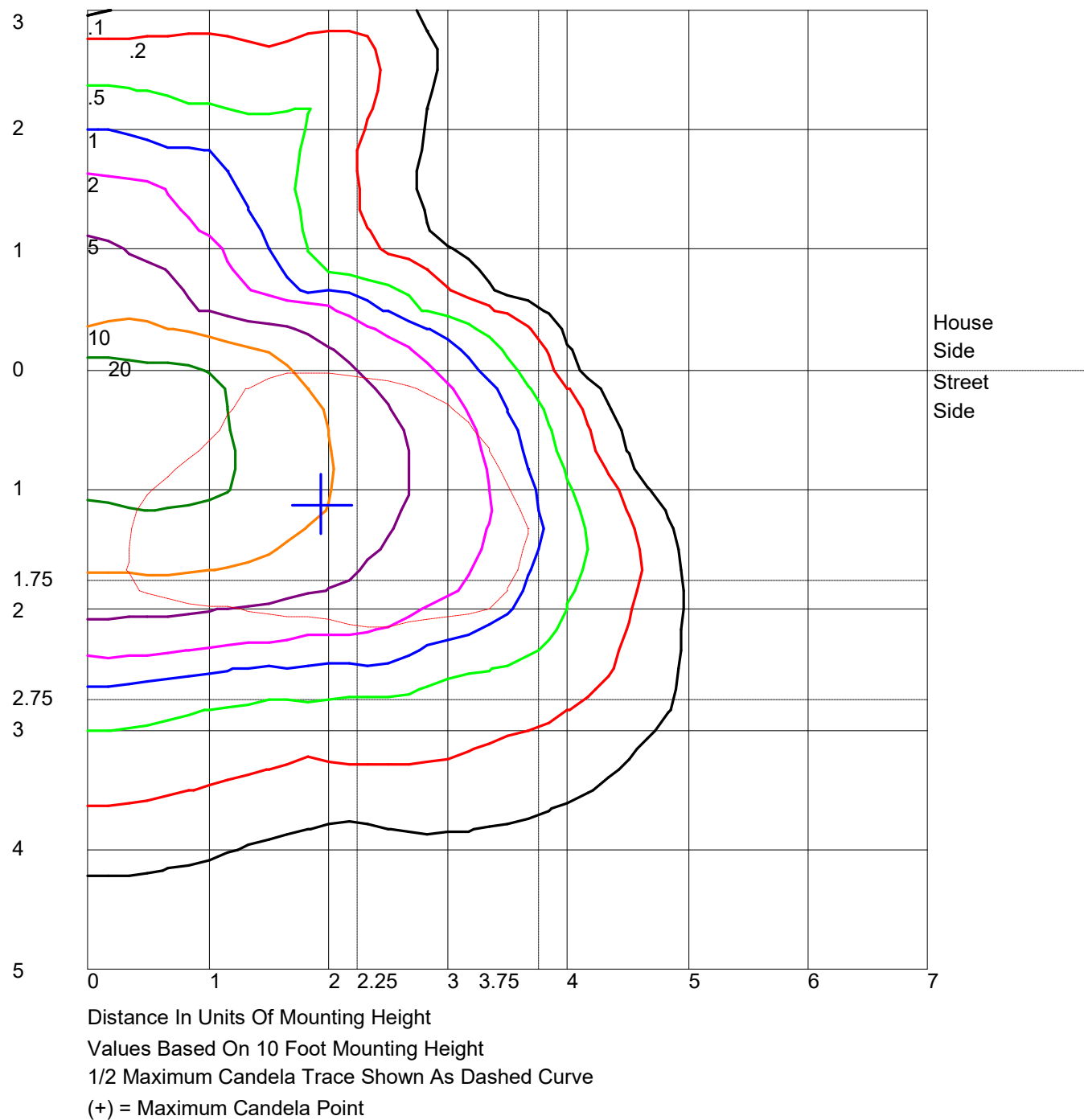
	Lumens	Percent Of Lamp
Downward Street Side	16412.9	80.5
Downward House Side	3965.8	19.5
Downward Total	20378.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	20378.7	100.0

POLAR GRAPH

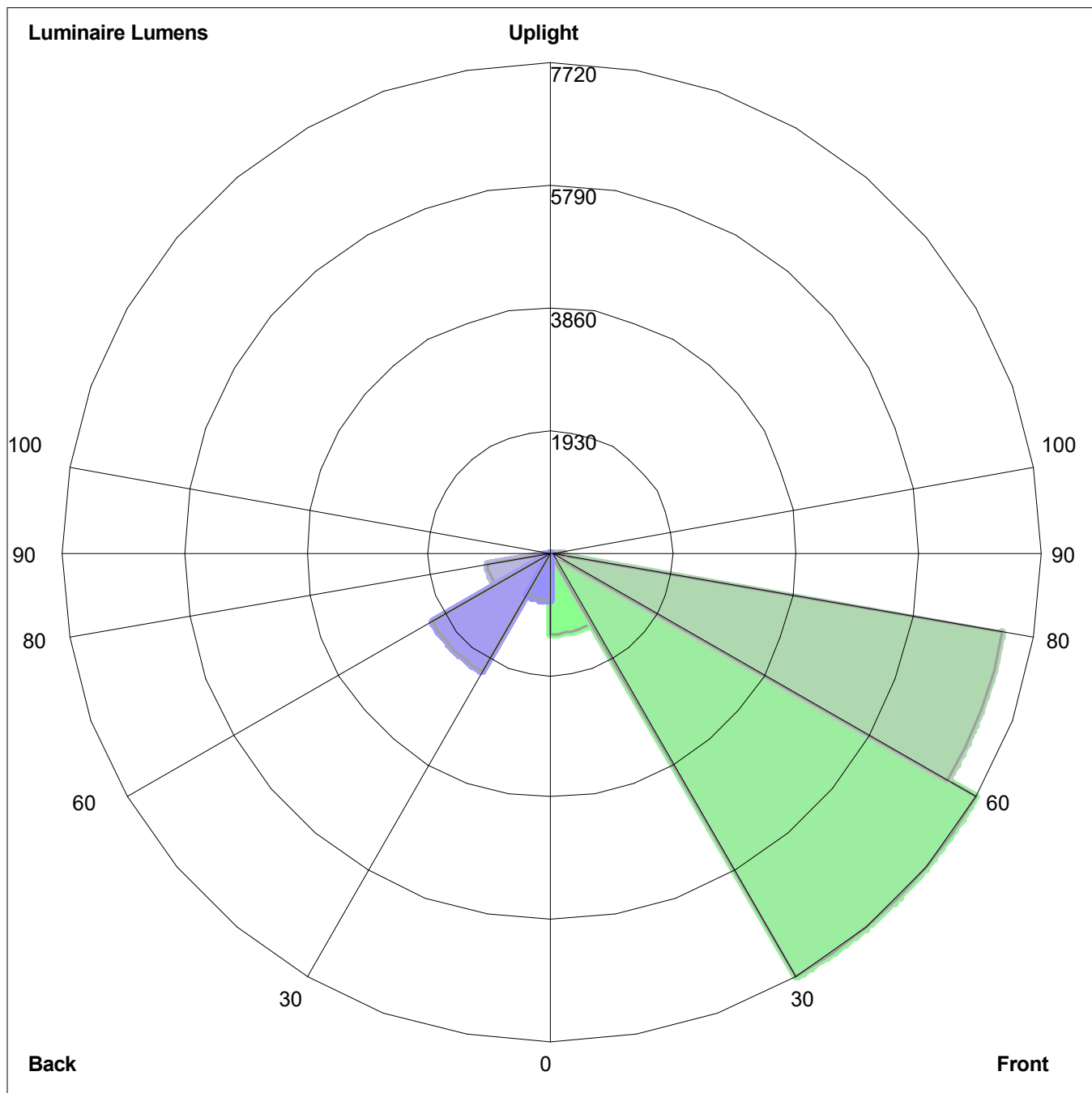


Maximum Candela = 15937.8 Located At Horizontal Angle = 60, Vertical Angle = 66
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (66) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1275.8, Medium=7719.6, High=7212.1, Very High=205.4
Back: Low=757.5, Medium=2156.3, High=1017.8, Very High=34.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3