

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAM-42L-U-40-T2.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAM-42L-U-40-T2

[LUMINAIRE] Skyline Medium, 42,000 Lumens, 4000K, Type 2 Optic

[LAMP] N/A

CHARACTERISTICS

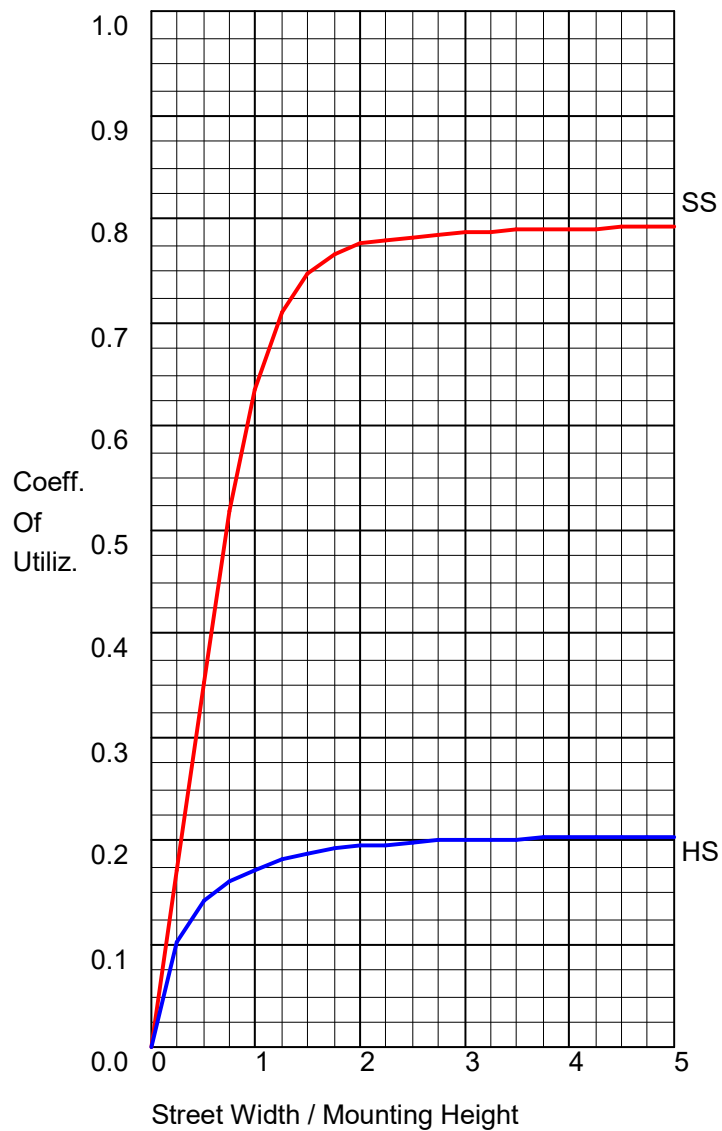
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	42510
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	272.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	33730.83
Maximum Candela Angle	290H 68V
Maximum Candela (<90 Degrees Vertical)	33730.83
Maximum Candela Angle (<90 Degrees Vertical)	290H 68V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8480.44 (19.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	5170.0	N.A.	12.2
FM - Front-Medium (30-60)	18671.1	N.A.	43.9
FH - Front-High (60-80)	9503.9	N.A.	22.4
FVH - Front-Very High (80-90)	451.9	N.A.	1.1
BL - Back-Low (0-30)	2065.7	N.A.	4.9
BM - Back-Medium (30-60)	4260.6	N.A.	10.0
BH - Back-High (60-80)	2289.1	N.A.	5.4
BVH - Back-Very High (80-90)	97.9	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	42510.2	N.A.	100.0
BUG Rating	B3-U0-G4		

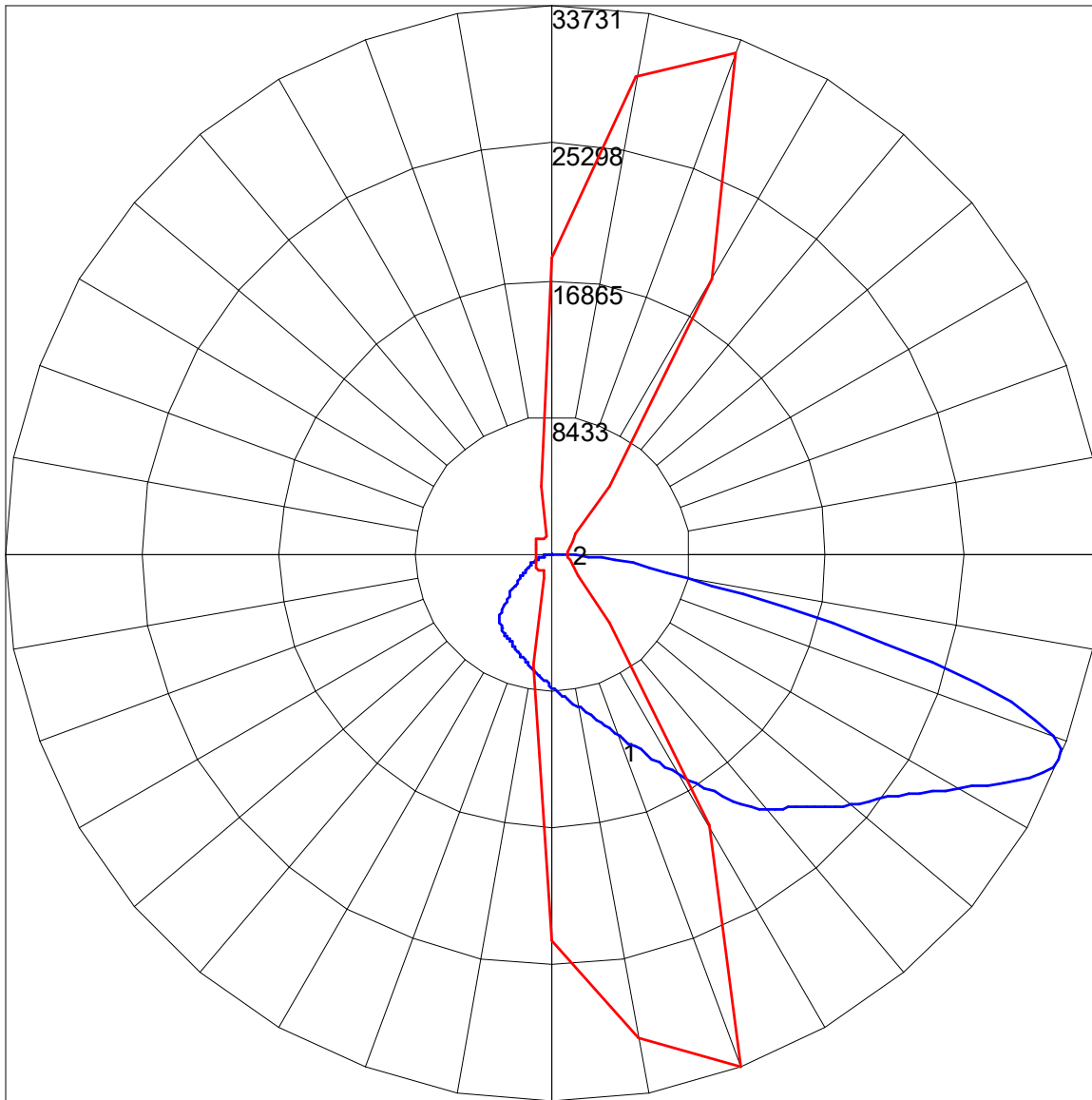
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

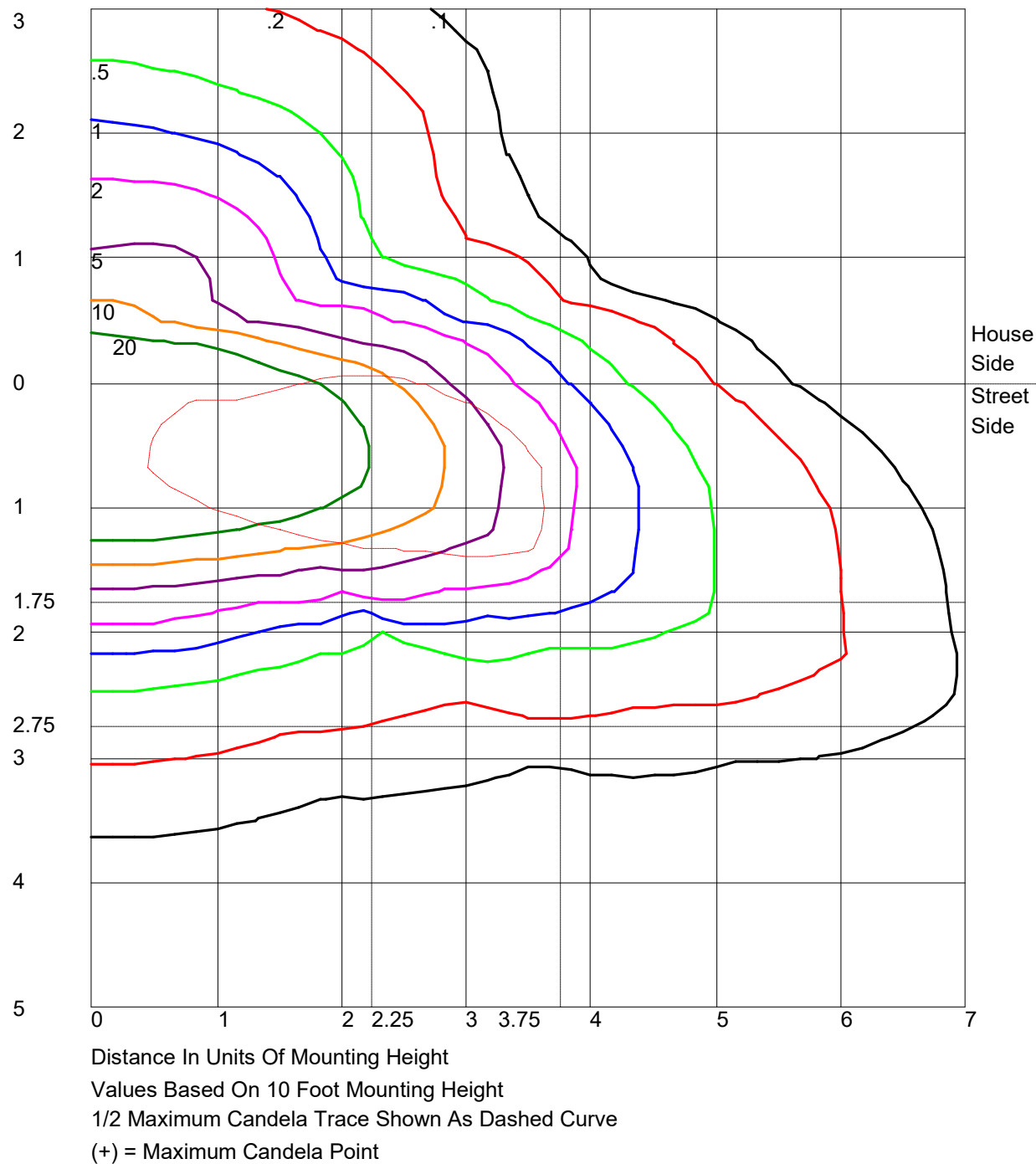
	Lumens	Percent Of Luminaire
Downward Street Side	33796.8	79.5
Downward House Side	8713.3	20.5
Downward Total	42510.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	42510.1	100.0

POLAR GRAPH

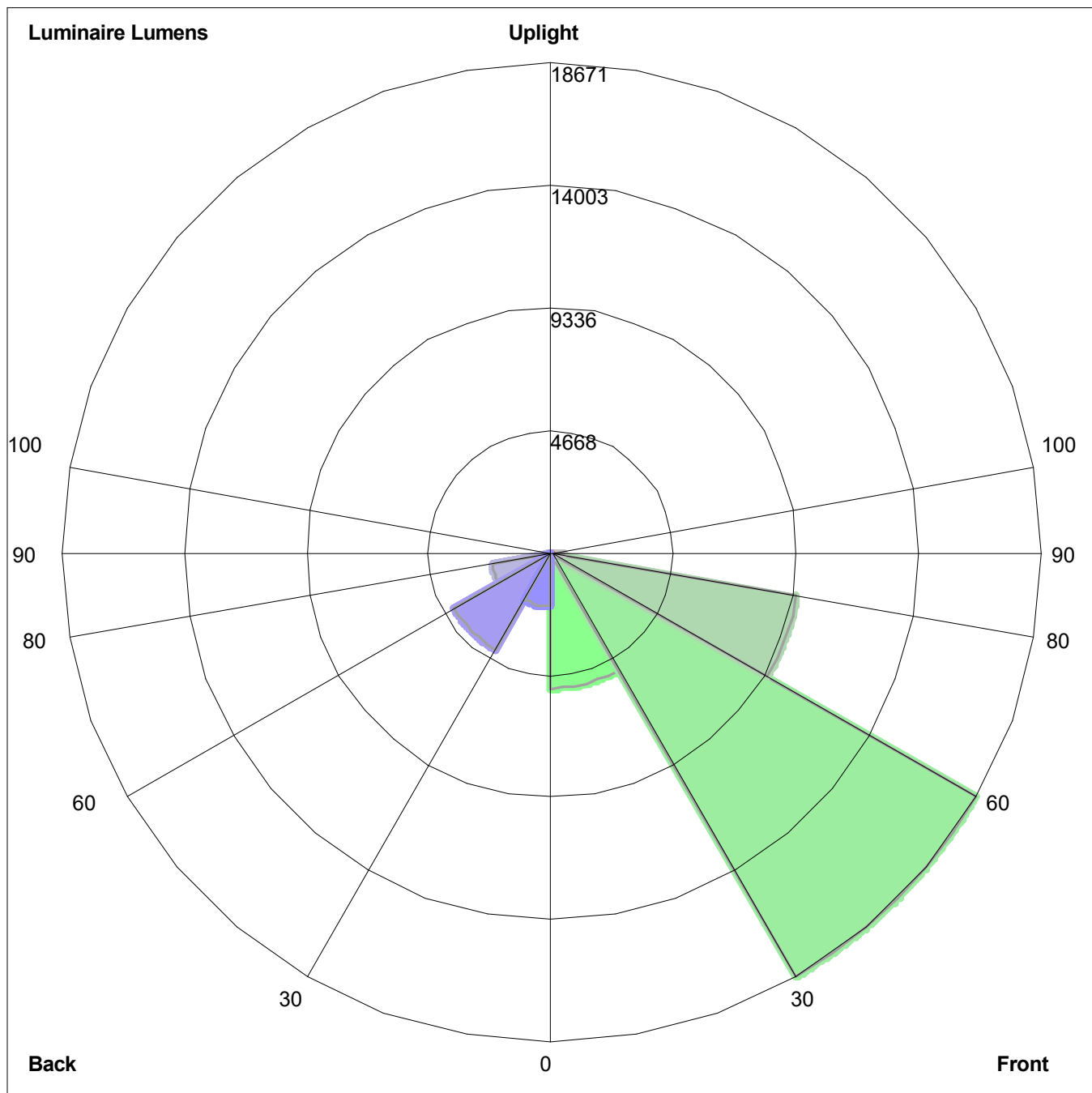


Maximum Candela = 33730.83 Located At Horizontal Angle = 290, Vertical Angle = 68
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (68) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 5170.0, Medium=18671.1, High=9503.9, Very High=451.9
Back: Low=2065.7, Medium=4260.6, High=2289.1, Very High=97.9
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4