

IES ROAD REPORT**PHOTOMETRIC FILENAME : SAM-24L-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-24L-U-40-T2

[LUMINAIRE] Skyline Medium, 24,000 Lumens, 4000K, Type 2 Optic

[LAMP] N/A

CHARACTERISTICS

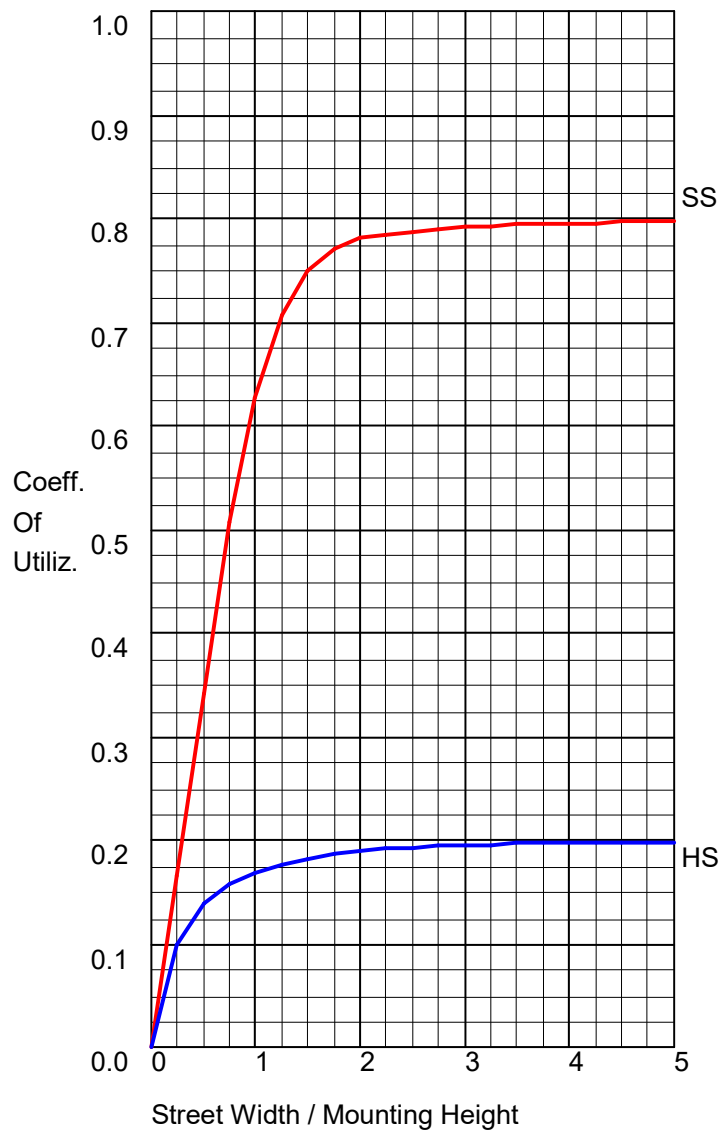
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	24235 (1 lamp)
Total Lamp Lumens	24235
Luminaire Lumens	24235
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	155.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	19804.267
Maximum Candela Angle	290H 69V
Maximum Candela (<90 Degrees Vertical)	19804.267
Maximum Candela Angle (<90 Degrees Vertical)	290H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5132.579 (21.2% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2889.3	11.9	11.9
FM - Front-Medium (30-60)	10511.9	43.4	43.4
FH - Front-High (60-80)	5721.8	23.6	23.6
FVH - Front-Very High (80-90)	261.5	1.1	1.1
BL - Back-Low (0-30)	1181.8	4.9	4.9
BM - Back-Medium (30-60)	2337.9	9.6	9.6
BH - Back-High (60-80)	1278.2	5.3	5.3
BVH - Back-Very High (80-90)	52.4	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	24234.8	100.0	100.0
BUG Rating	B3-U0-G3		

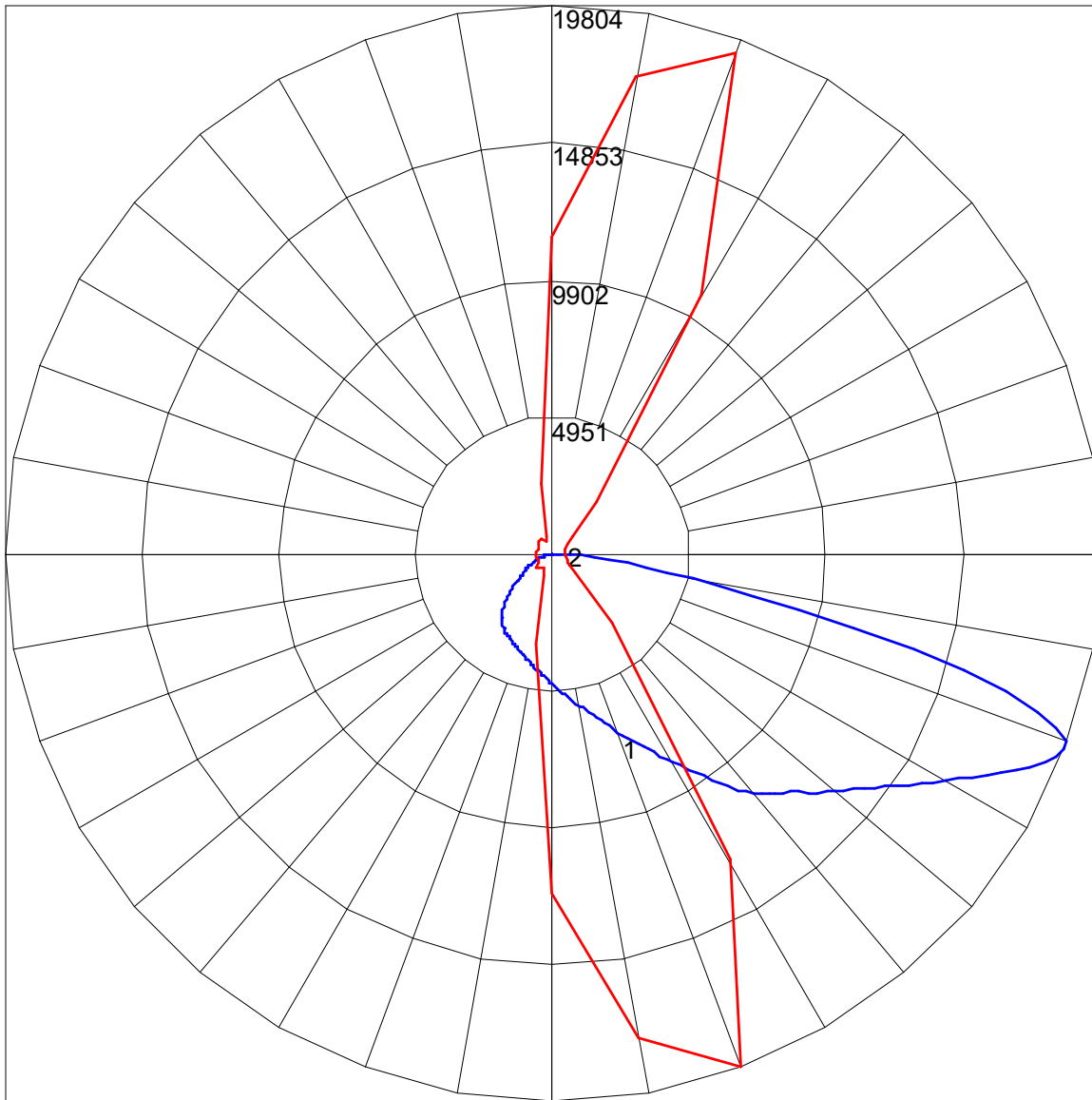
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

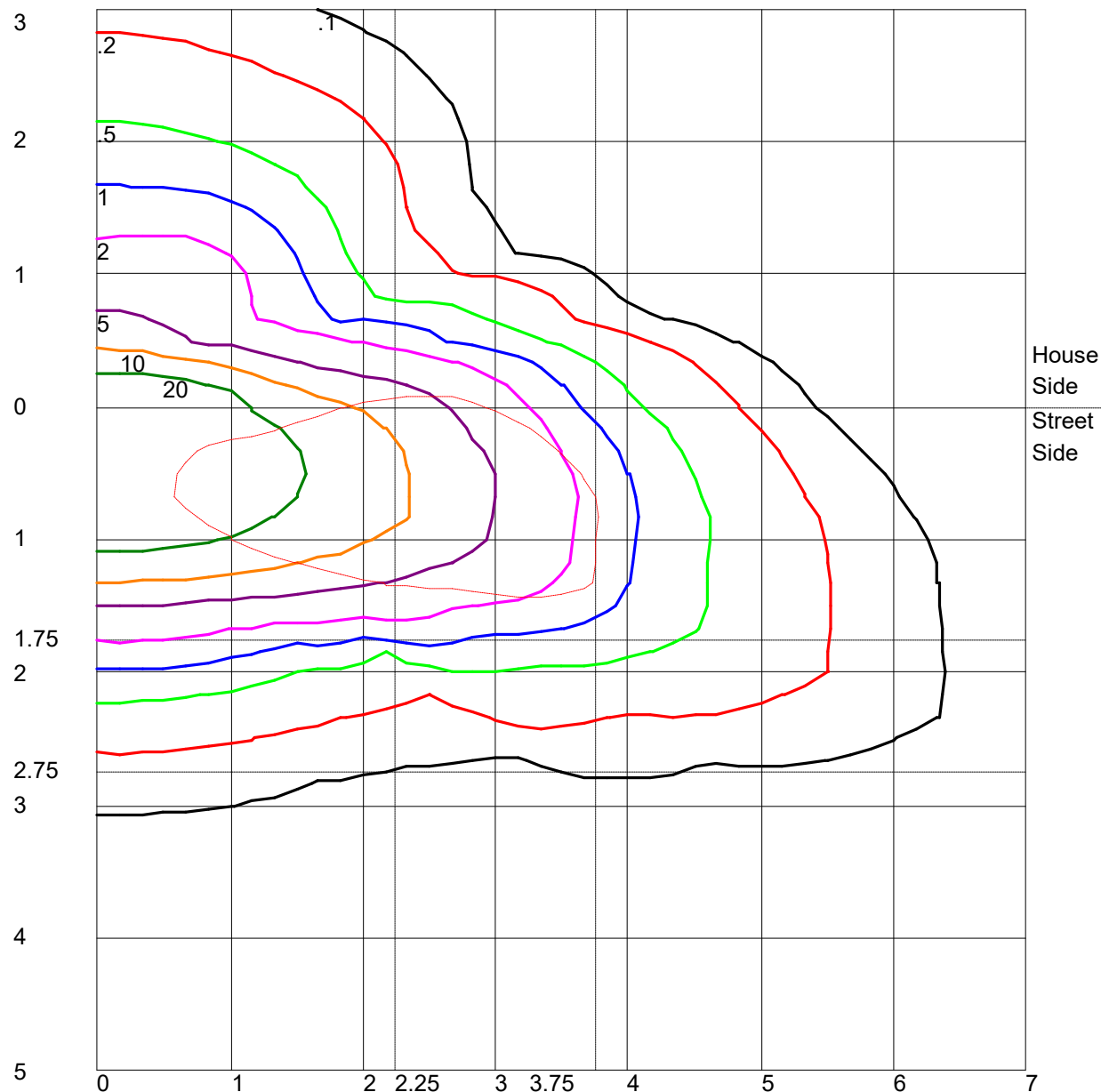
	Lumens	Percent Of Lamp
Downward Street Side	19384.5	80.0
Downward House Side	4850.3	20.0
Downward Total	24234.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	24234.8	100.0

POLAR GRAPH



Maximum Candela = 19804.267 Located At Horizontal Angle = 290, Vertical Angle = 69
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



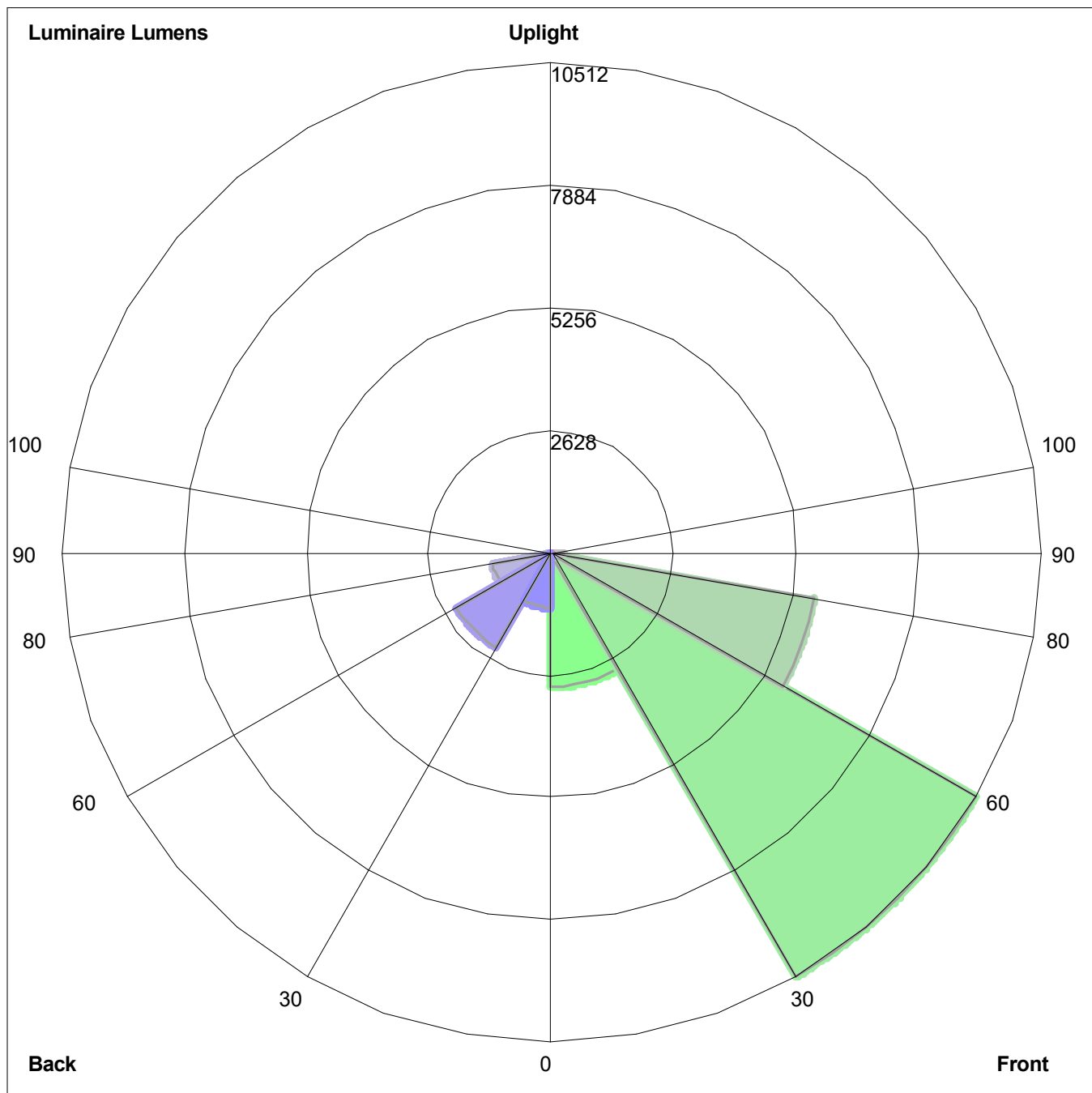
Distance In Units Of Mounting Height

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=2889.3, Medium=10511.9, High=5721.8, Very High=261.5
Back: Low=1181.8, Medium=2337.9, High=1278.2, Very High=52.4
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3