

### IES ROAD REPORT

PHOTOMETRIC FILENAME : SAM-30L-U-40-T2.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] SAM-30L-U-40-T2  
[LUMINAIRE] Skyline Medium, 30,000 Lumens, 4000K, Type 2 Optic  
[LAMP] N/A

### CHARACTERISTICS

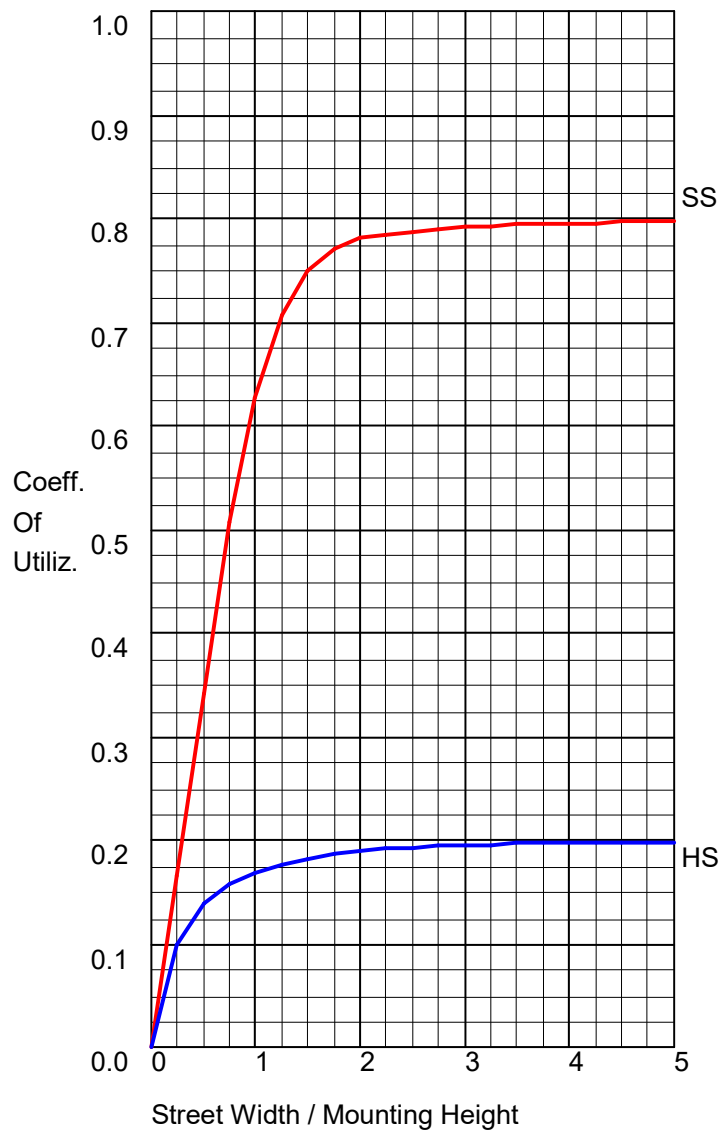
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	30305 (1 lamp)
Total Lamp Lumens	30305
Luminaire Lumens	30305
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	194.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	24764.527
Maximum Candela Angle	290H 69V
Maximum Candela (<90 Degrees Vertical)	24764.527
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	6418.106 (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)	3613.0	11.9	11.9
FM - Front-Medium (30-60)	13144.7	43.4	43.4
FH - Front-High (60-80)	7155.0	23.6	23.6
FVH - Front-Very High (80-90)	327.0	1.1	1.1
BL - Back-Low (0-30)	1477.9	4.9	4.9
BM - Back-Medium (30-60)	2923.4	9.6	9.6
BH - Back-High (60-80)	1598.3	5.3	5.3
BVH - Back-Very High (80-90)	65.6	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	30304.9	100.0	100.0
BUG Rating	B3-U0-G3		

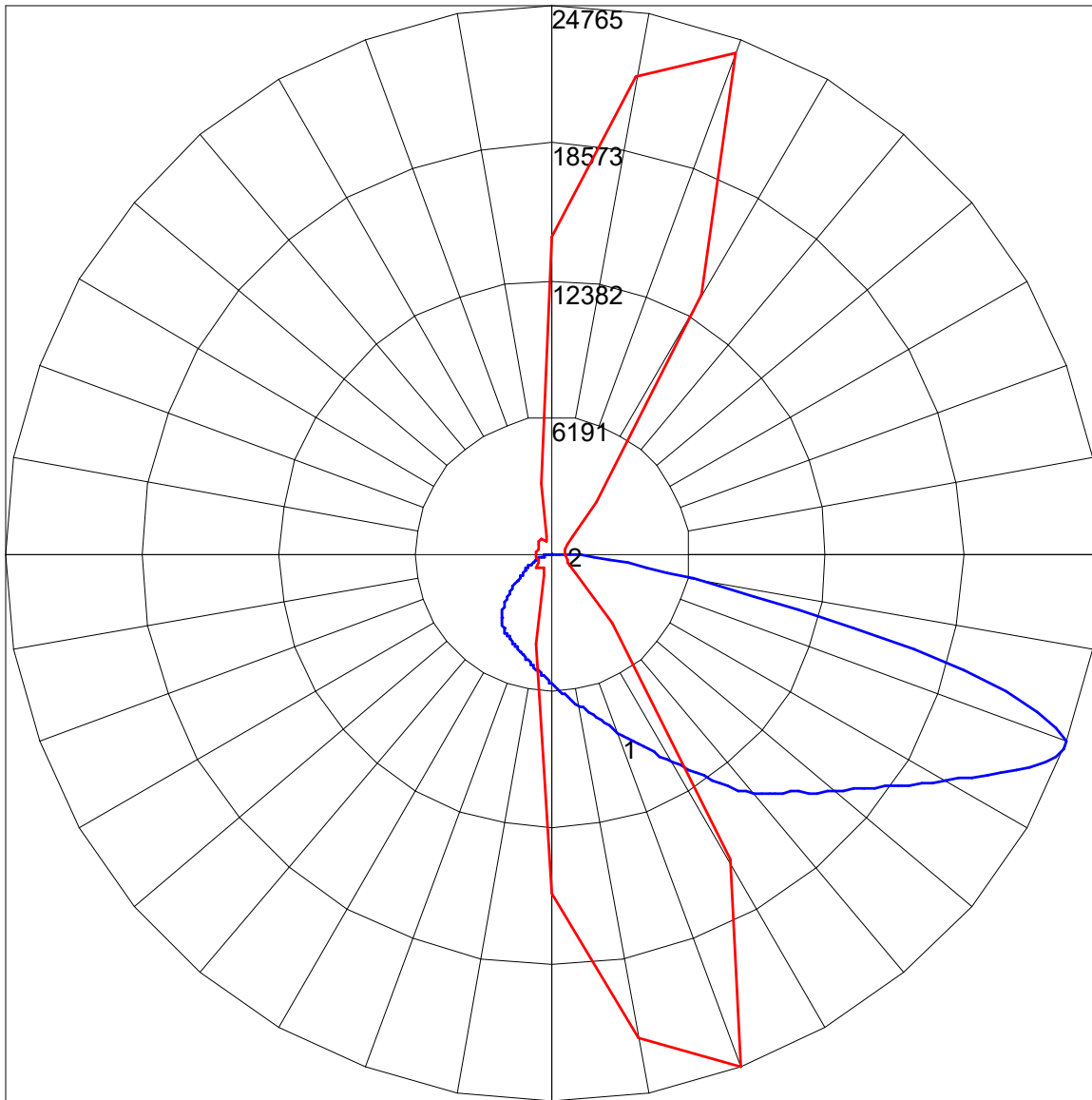
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

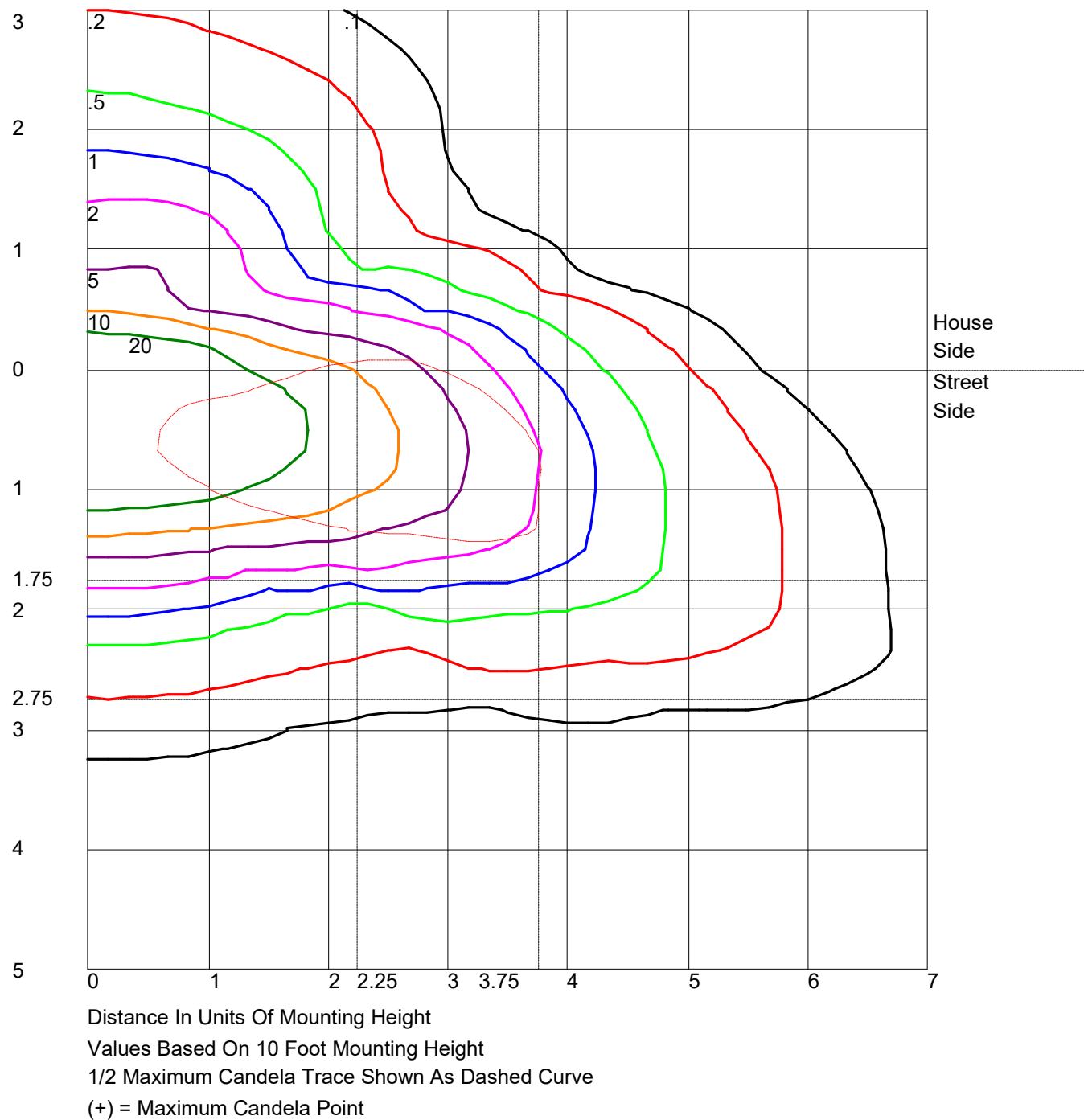
	Lumens	Percent Of Lamp
Downward Street Side	24239.6	80.0
Downward House Side	6065.1	20.0
Downward Total	30304.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30304.7	100.0

POLAR GRAPH

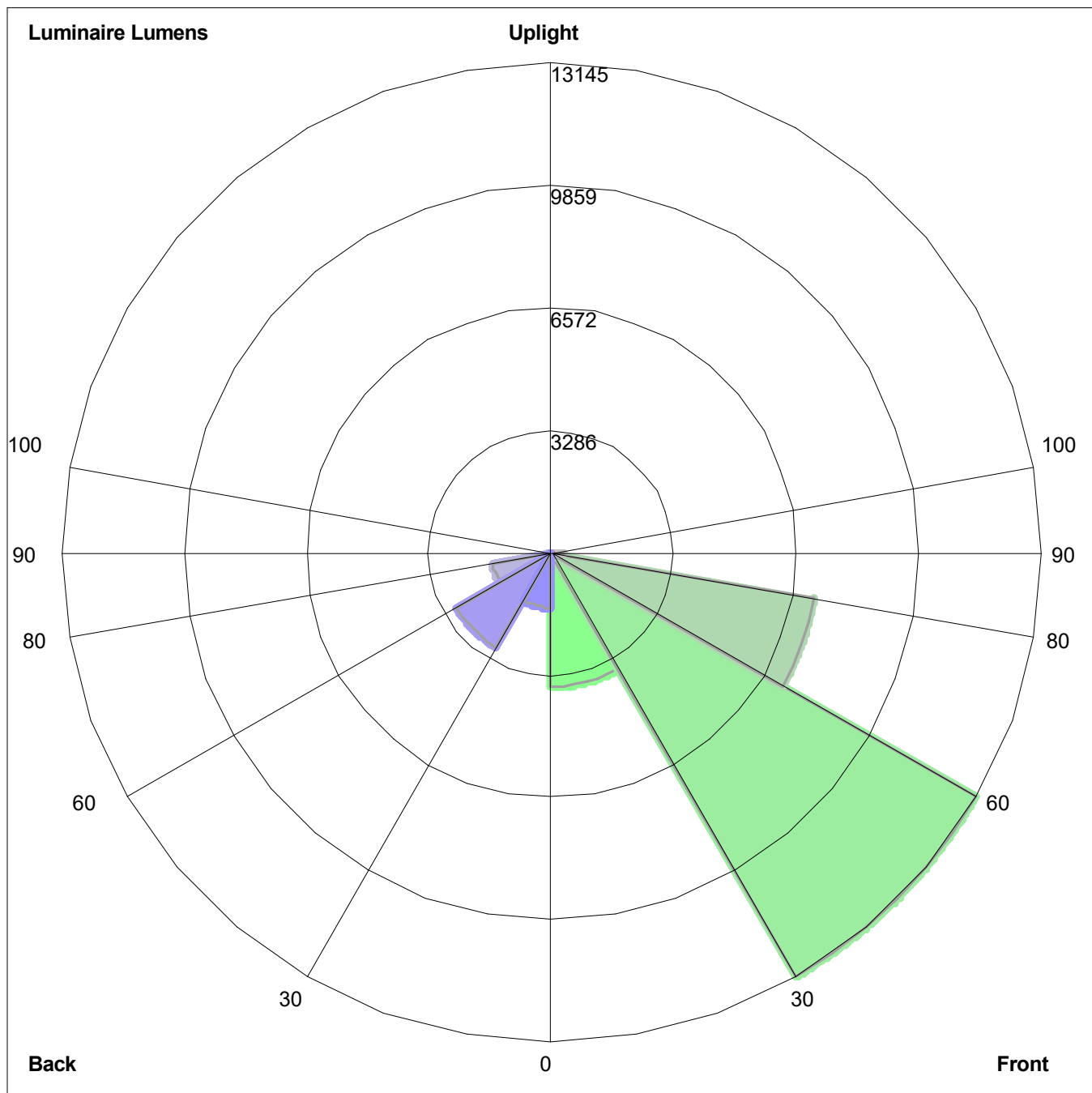


Maximum Candela = 24764.527 Located At Horizontal Angle = 290, Vertical Angle = 69  
# 1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low= 3613.0, Medium=13144.7, High= 7155.0, Very High=327.0  
Back: Low=1477.9, Medium=2923.4, High=1598.3, Very High=65.6  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3