

**IES ROAD REPORT****PHOTOMETRIC FILENAME : SAM-30L-U-40-T4.IES****DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE]

[ISSUEDATE]

[LAMPPOSITION] 0,0

[MANUFAC] Industrial Lighting Products Inc

[LUMCAT] SAM-30L-U-40-T4

[LUMINAIRE] Skyline Medium, 30,000 Lumens, 4000K, Type 4 Optic

[LAMP] N/A

**CHARACTERISTICS**

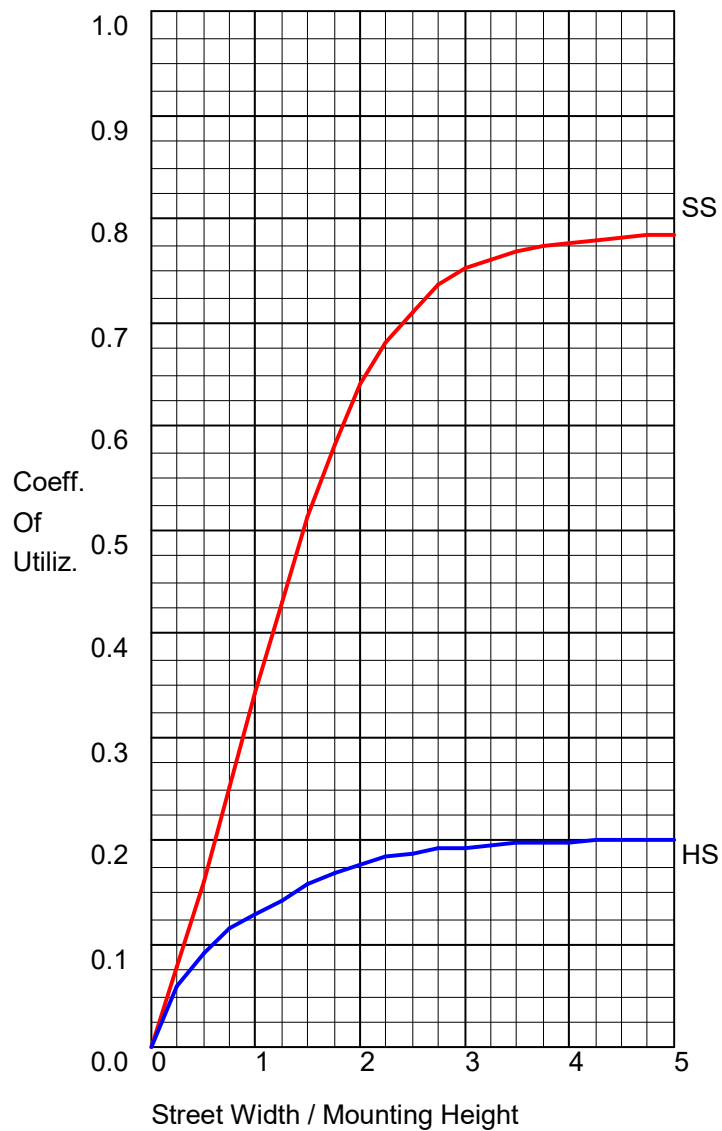
IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	30135 (1 lamp)
Total Lamp Lumens	30135
Luminaire Lumens	30135
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	194.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	18558.037
Maximum Candela Angle	50H 69V
Maximum Candela (<90 Degrees Vertical)	18558.037
Maximum Candela Angle (<90 Degrees Vertical)	50H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5700.153 (18.9% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1799.5	6.0	6.0
FM - Front-Medium (30-60)	10176.8	33.8	33.8
FH - Front-High (60-80)	11472.0	38.1	38.1
FVH - Front-Very High (80-90)	542.3	1.8	1.8
BL - Back-Low (0-30)	1110.9	3.7	3.7
BM - Back-Medium (30-60)	2972.5	9.9	9.9
BH - Back-High (60-80)	1953.7	6.5	6.5
BVH - Back-Very High (80-90)	107.6	0.4	0.4
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	30135.3	100.2	100.0
BUG Rating	B3-U0-G4		

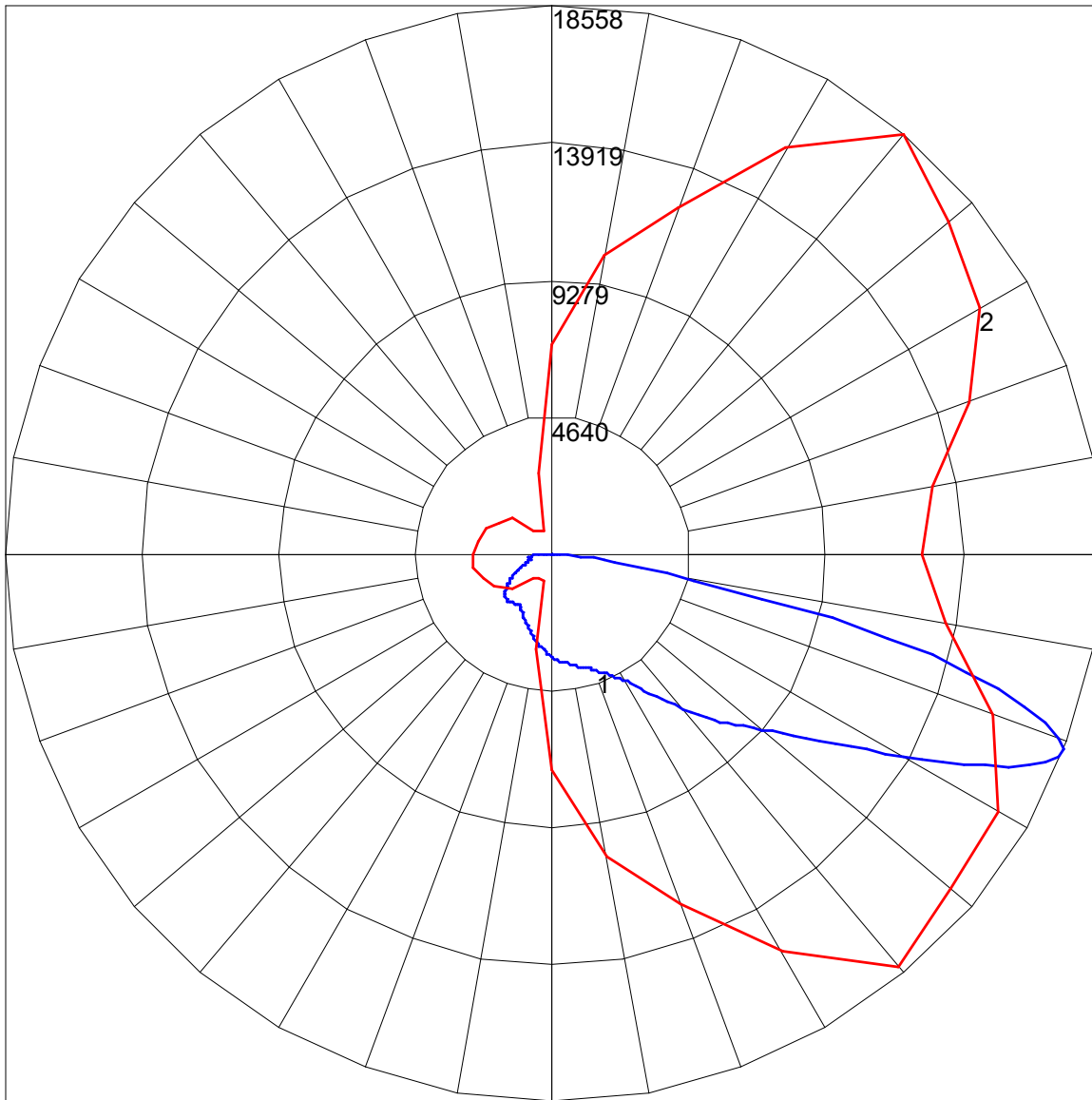
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

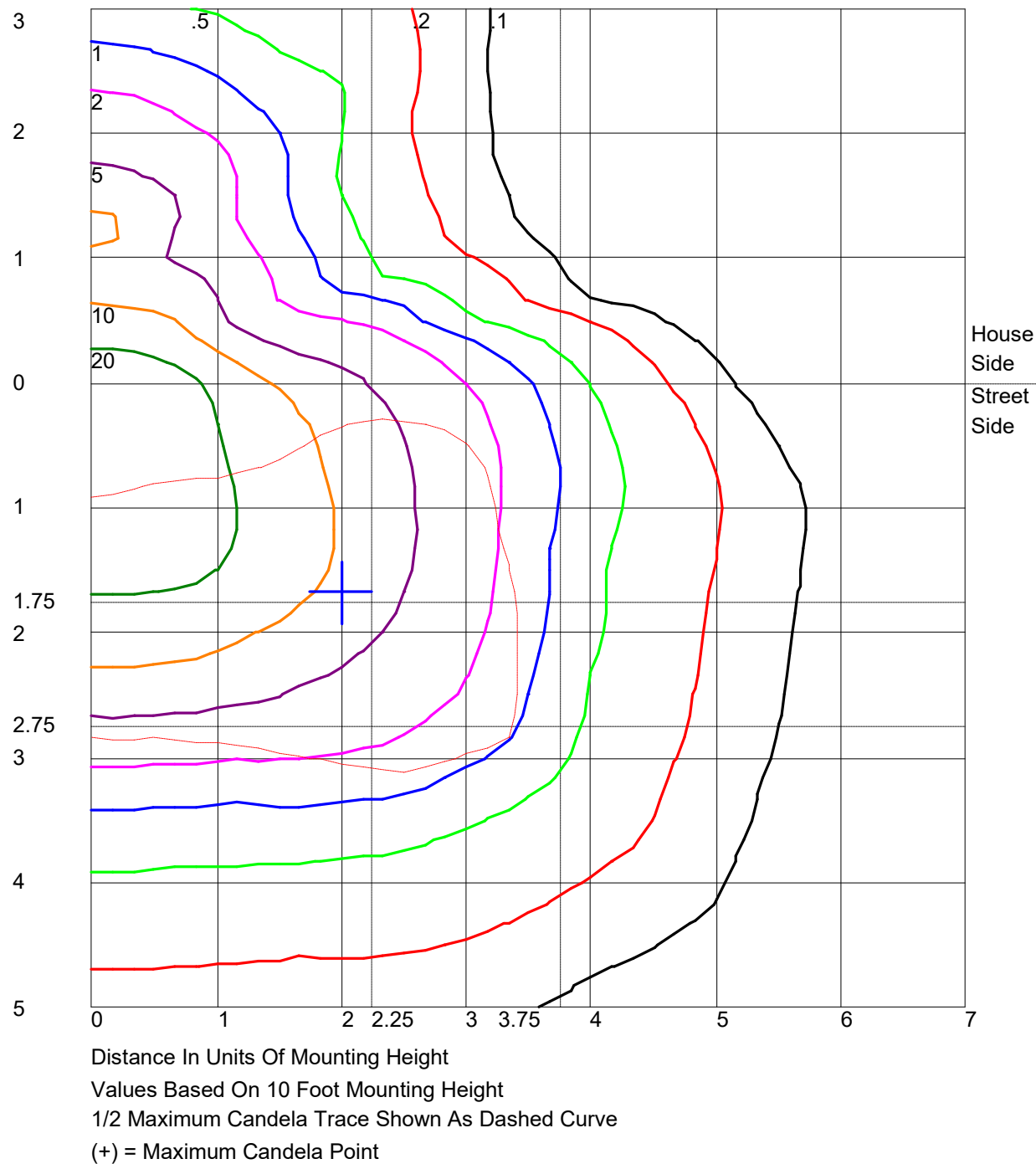
	Lumens	Percent Of Lamp
Downward Street Side	23990.6	79.6
Downward House Side	6144.6	20.4
Downward Total	30135.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30135.2	100.0

POLAR GRAPH

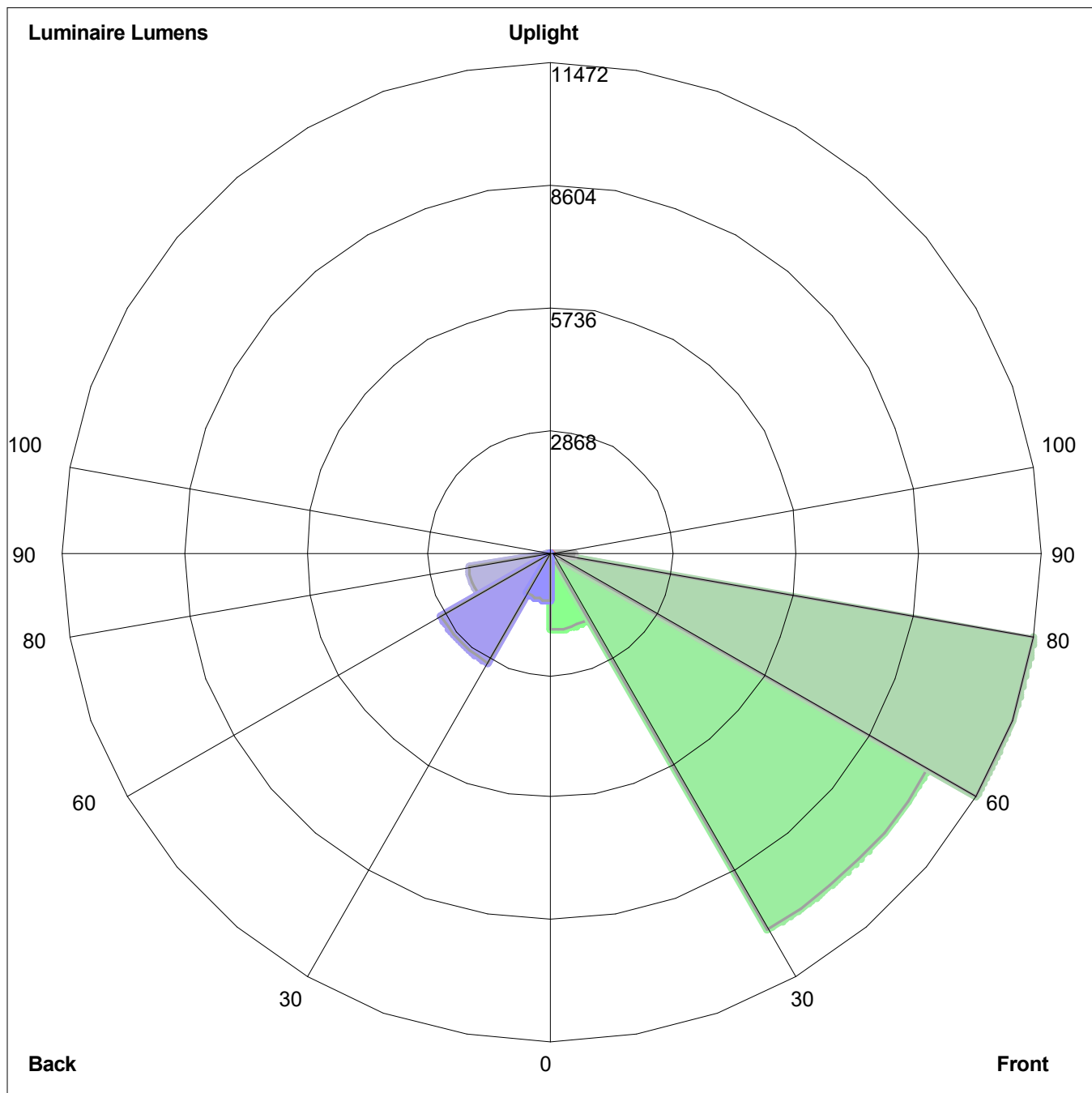


Maximum Candela = 18558.037 Located At Horizontal Angle = 50, Vertical Angle = 69  
# 1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1799.5, Medium=10176.8, High= 11472.0, Very High=542.3  
Back: Low=1110.9, Medium=2972.5, High=1953.7, Very High=107.6  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4