

**IES ROAD REPORT****PHOTOMETRIC FILENAME : SAM-36L-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-36L-U-40-T2

[LUMINAIRE] Skyline Medium, 36,000 Lumens, 4000K, Type 2 Optic

[LAMP] N/A

**CHARACTERISTICS**

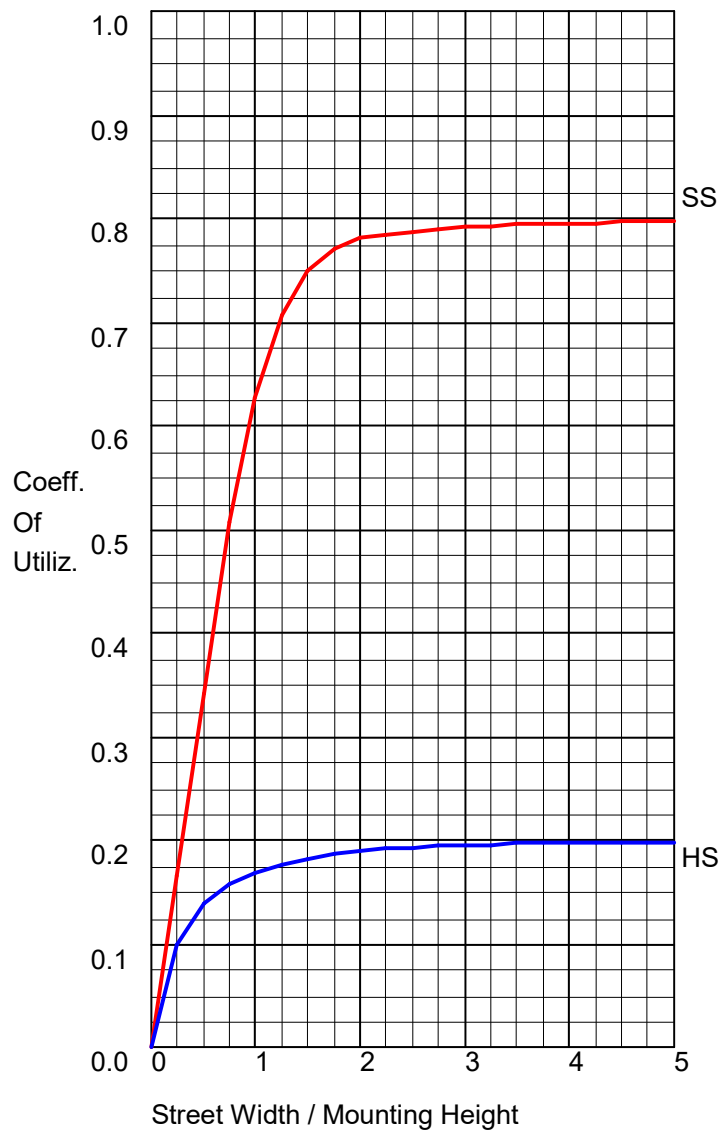
IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	36374 (1 lamp)
Total Lamp Lumens	36374
Luminaire Lumens	36374
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	233.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	29723.97
Maximum Candela Angle	290H 69V
Maximum Candela (<90 Degrees Vertical)	29723.97
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	7703.422 (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)	4336.5	11.9	11.9
FM - Front-Medium (30-60)	15777.1	43.4	43.4
FH - Front-High (60-80)	8587.8	23.6	23.6
FVH - Front-Very High (80-90)	392.5	1.1	1.1
BL - Back-Low (0-30)	1773.8	4.9	4.9
BM - Back-Medium (30-60)	3508.9	9.6	9.6
BH - Back-High (60-80)	1918.4	5.3	5.3
BVH - Back-Very High (80-90)	78.7	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	36373.7	100.0	100.0
BUG Rating	B3-U0-G4		

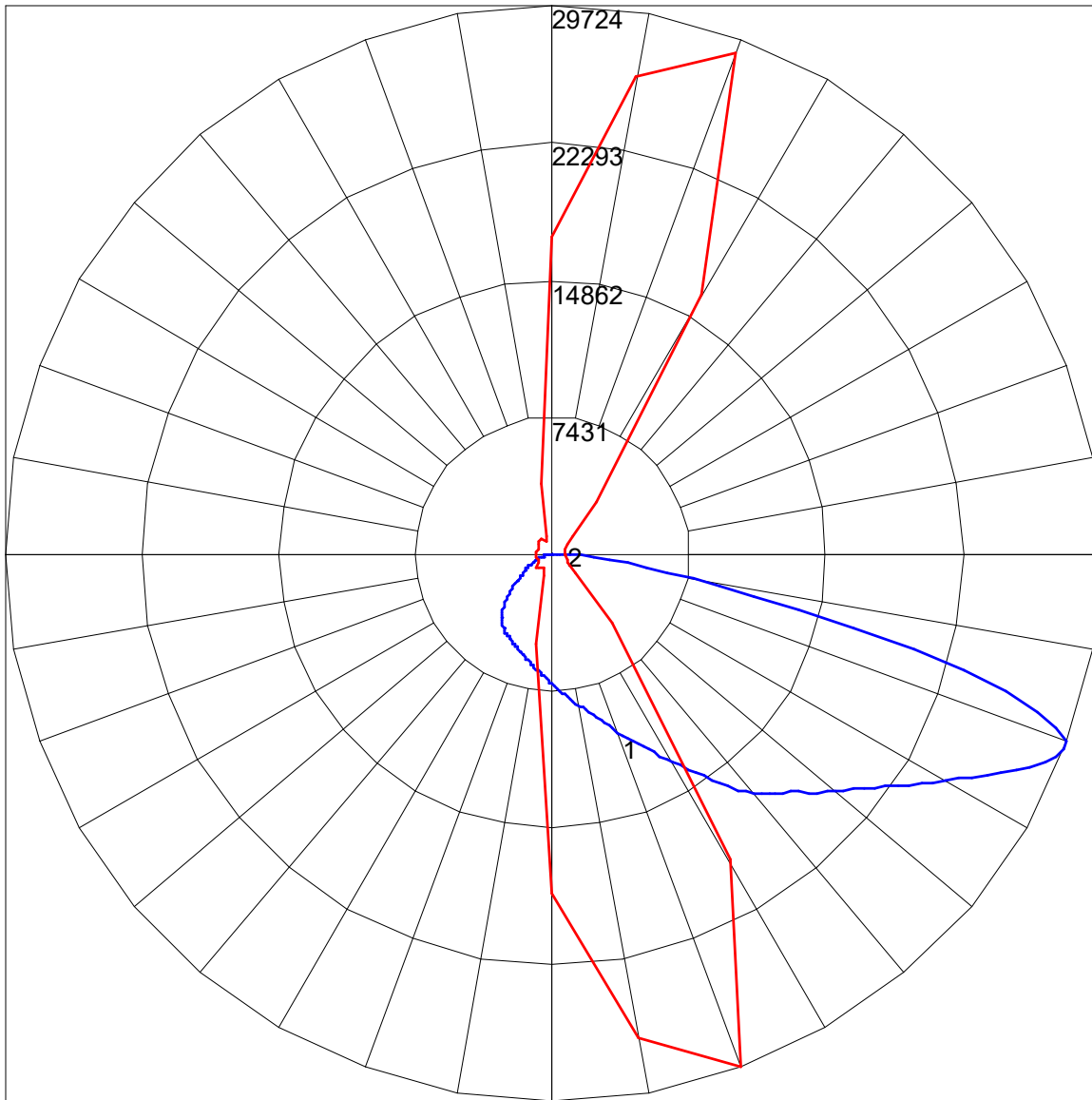
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

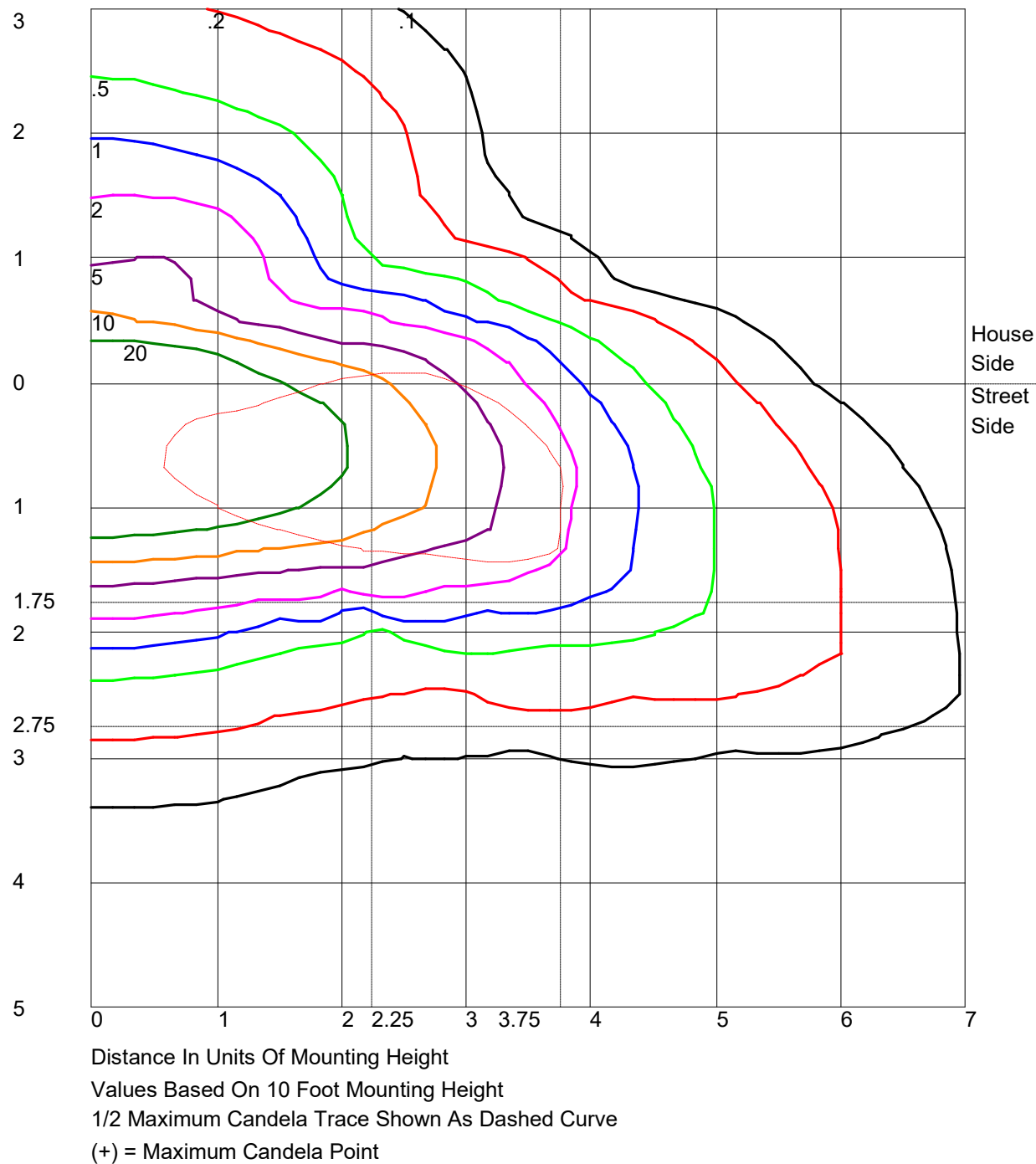
	Lumens	Percent Of Lamp
Downward Street Side	29093.9	80.0
Downward House Side	7279.8	20.0
Downward Total	36373.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	36373.7	100.0

POLAR GRAPH

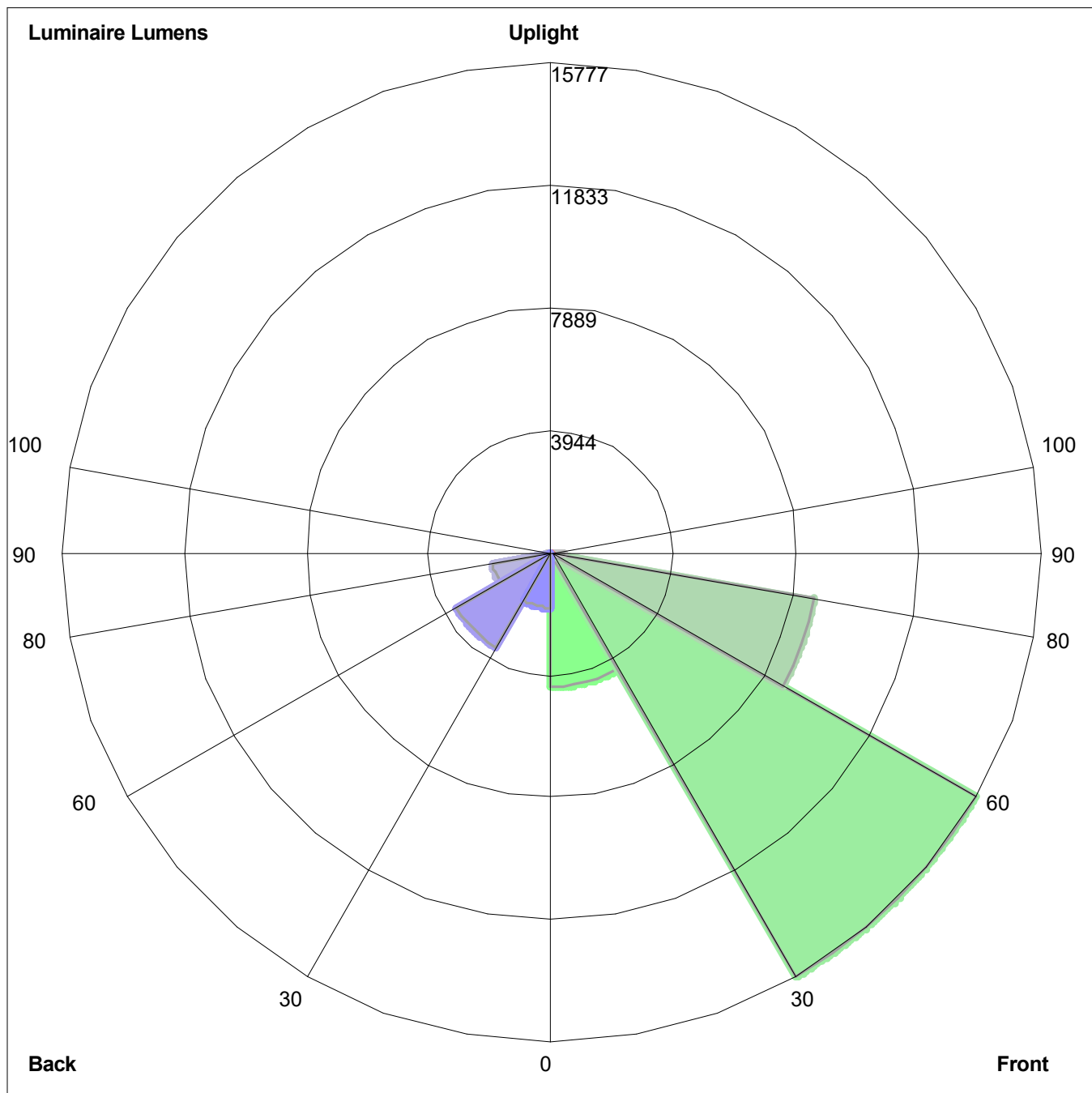


Maximum Candela = 29723.97 Located At Horizontal Angle = 290, Vertical Angle = 69  
# 1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=4336.5, Medium=15777.1, High=8587.8, Very High=392.5  
Back: Low=1773.8, Medium=3508.9, High=1918.4, Very High=78.7  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G4