



## IES ROAD REPORT

PHOTOMETRIC FILENAME : 4301-10L-40.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] LIGHT LABORATORY, INC. (Scaled from L032311704)  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [TESTDATE] 5 Aug 2023  
 [ISSUEDATE] 5 Aug 2023  
 [MANUFAC] Rebelle Architectural Lighting  
 [LUMCAT] 4301-10L-40  
 [LUMINAIRE] Wall Mount Mini  
 [FLASHAREA] 0.015096  
 [LAMPCAT] 4301  
 [LAMP] 4301 10.10W 720.00lm  
 [OTHER] Absolute Photometry

### CHARACTERISTICS

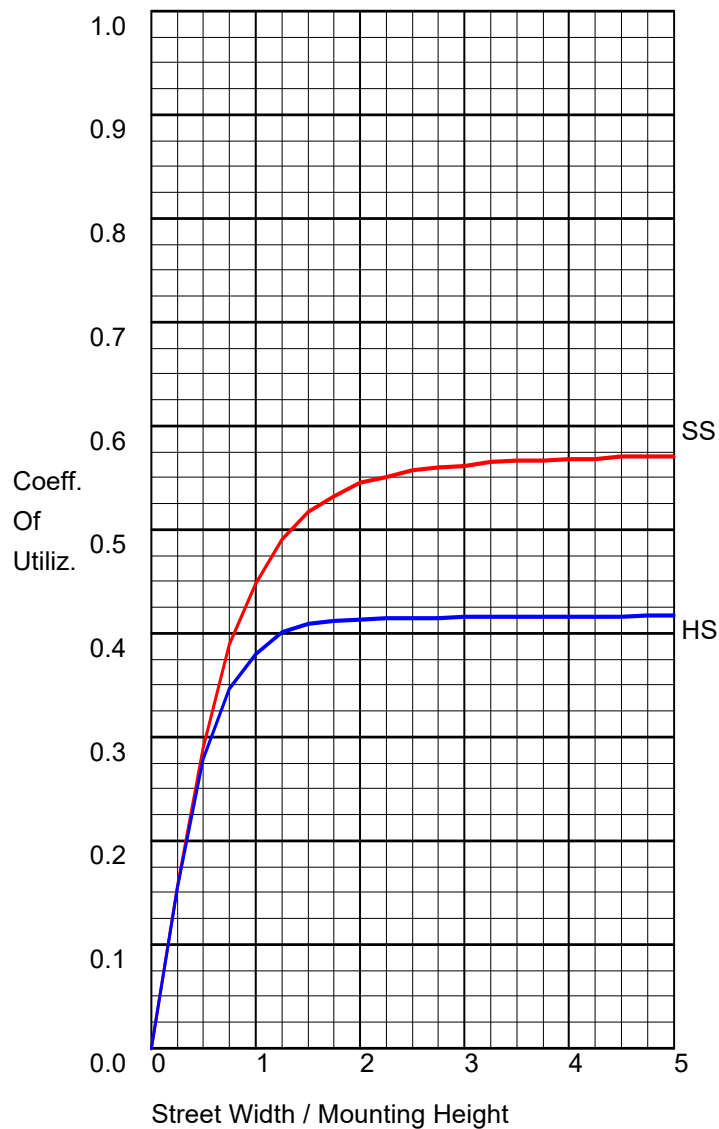
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	721
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	329.74
Maximum Candela Angle	15H 5V
Maximum Candela (<90 Degrees Vertical)	329.74
Maximum Candela Angle (<90 Degrees Vertical)	15H 5V
Maximum Candela At 90 Degrees Vertical	3.09 (0.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	20.06 (2.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	126.6	N.A.	17.6
FM - Front-Medium (30-60)	220.1	N.A.	30.5
FH - Front-High (60-80)	63.2	N.A.	8.8
FVH - Front-Very High (80-90)	4.6	N.A.	0.6
BL - Back-Low (0-30)	121.8	N.A.	16.9
BM - Back-Medium (30-60)	152.6	N.A.	21.1
BH - Back-High (60-80)	25.1	N.A.	3.5
BVH - Back-Very High (80-90)	1.7	N.A.	0.2
UL - Uplight-Low (90-100)	2.1	N.A.	0.3
UH - Uplight-High (100-180)	3.6	N.A.	0.5
Total	721.4	N.A.	100.0
BUG Rating	B1-U1-G0		

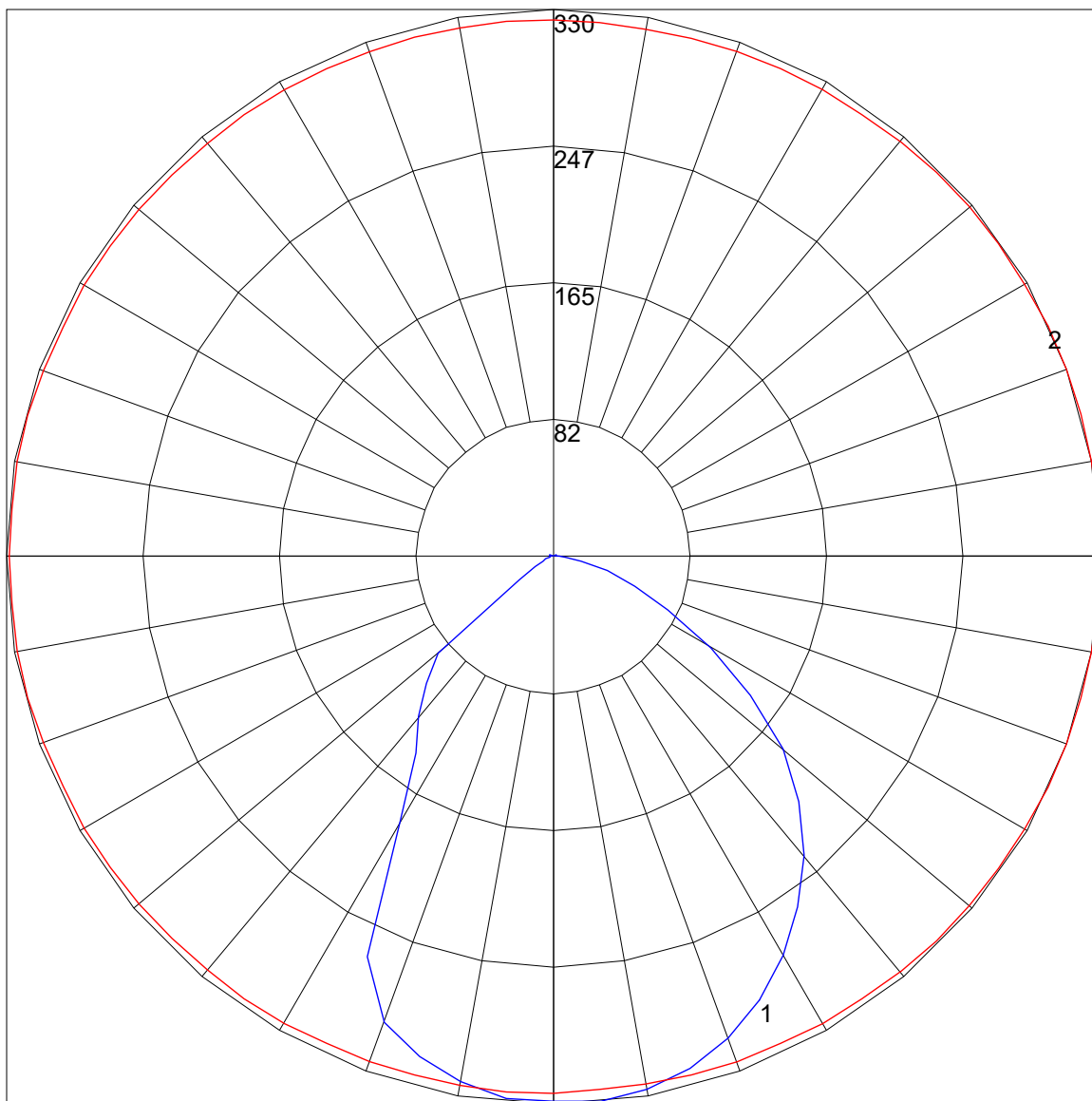
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

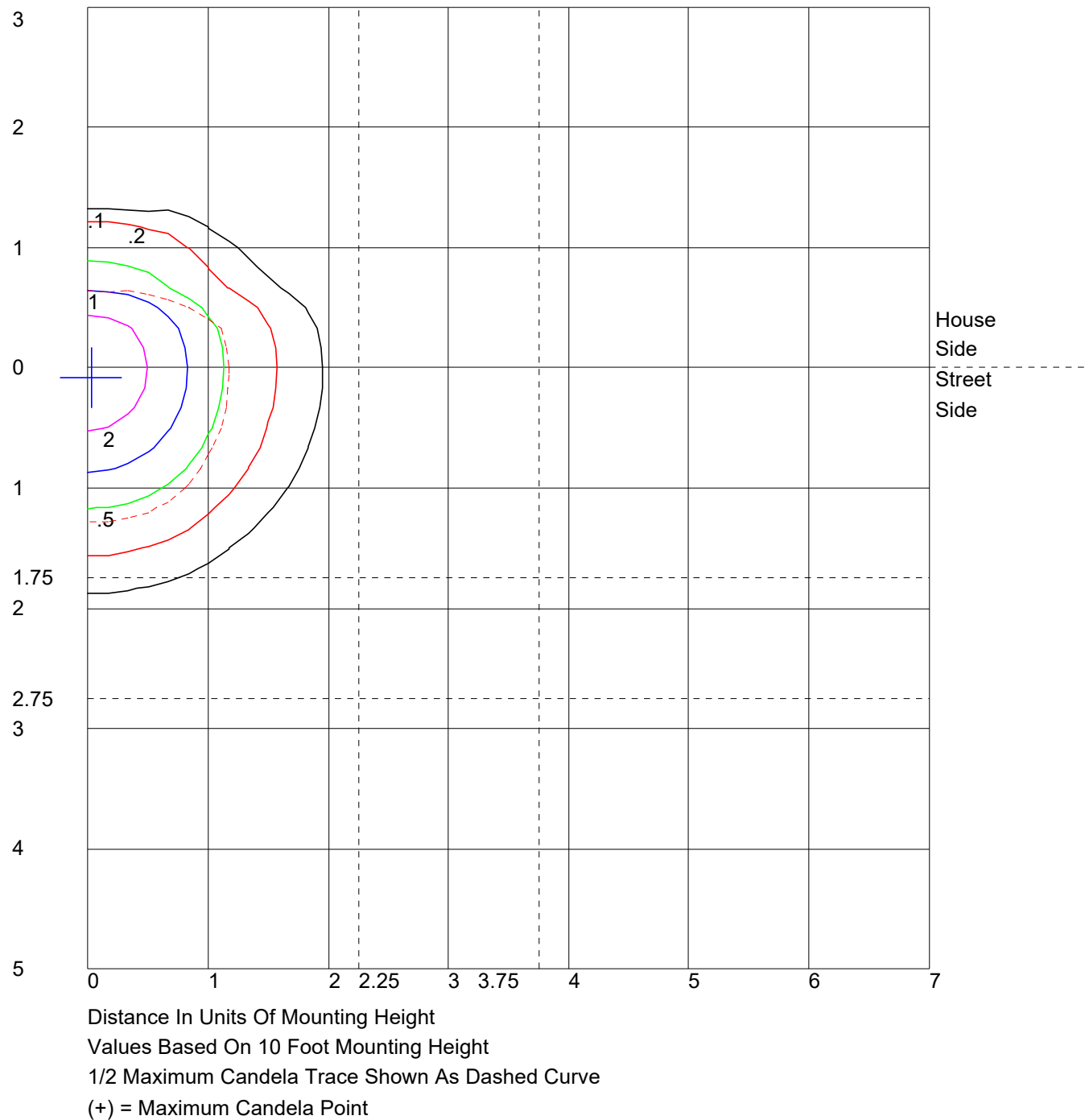
	Lumens	Percent Of Luminaire
Downward Street Side	414.5	57.5
Downward House Side	301.1	41.7
Downward Total	715.6	99.2
Upward Street Side	3.0	0.4
Upward House Side	2.7	0.4
Upward Total	5.7	0.8
Total Flux	721.3	100.0

POLAR GRAPH

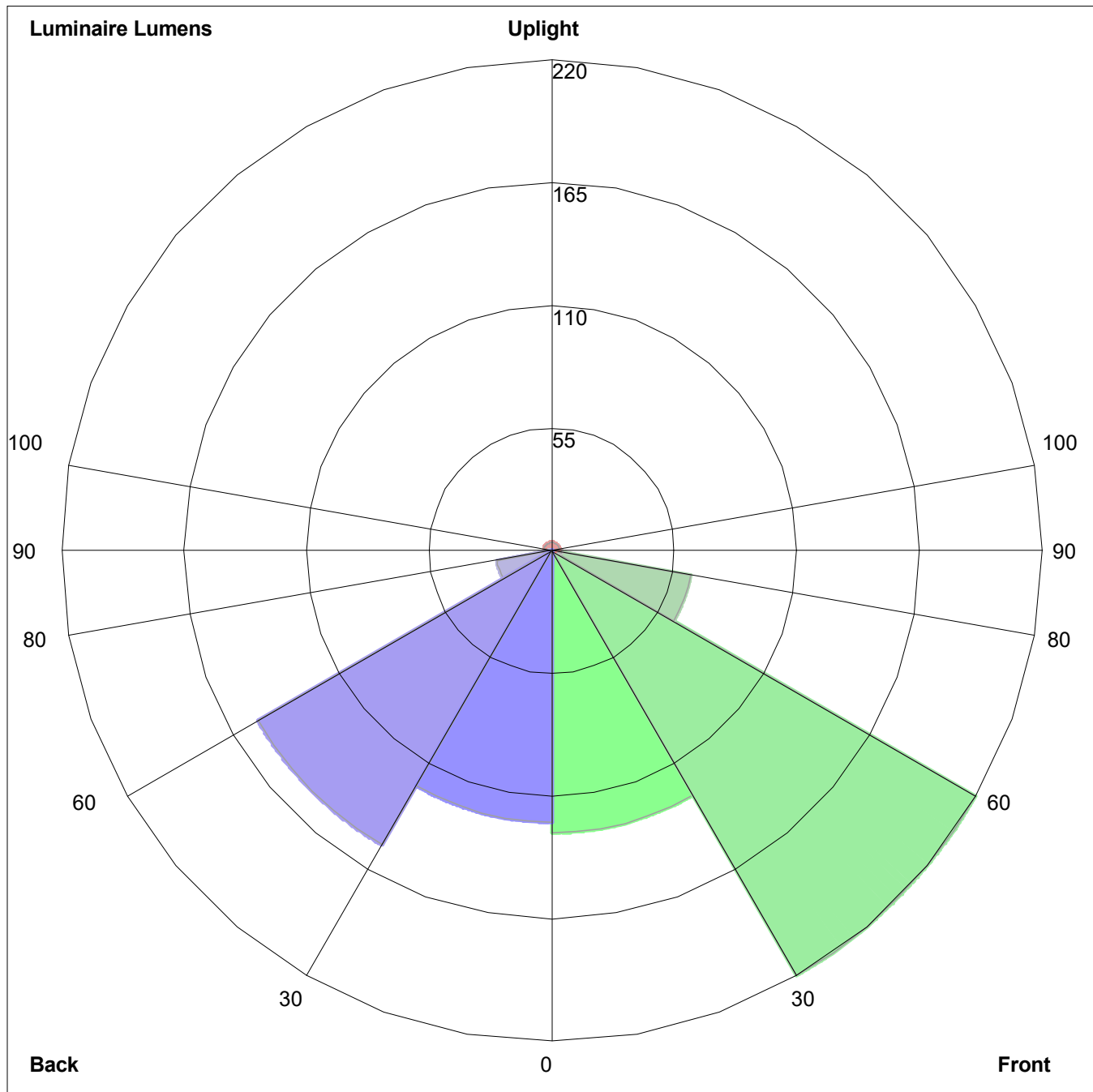


Maximum Candela = 329.74 Located At Horizontal Angle = 15, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=126.6, Medium=220.1, High=63.2, Very High=4.6  
Back: Low=121.8, Medium=152.6, High=25.1, Very High=1.7  
Uplight: Low=2.1, High=3.6

BUG Rating : B1-U1-G0