



## IES ROAD REPORT

PHOTOMETRIC FILENAME : 4401-25L-40.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [TESTLAB] Rebelle Architectural Lighting  
 [TESTDATE] 5 Sep 2023  
 [ISSUEDATE] 5 Sep 2023  
 [MANUFAC] Rebelle Architectural Lighting  
 [LUMCAT] 4401-25L-40  
 [LUMINAIRE] Wall Mount Medium  
 [FLASHAREA] 0.002740  
 [LAMPCAT] 4401  
 [LAMP] 4401 28.40W 1920.00lm  
 [OTHER] Absolute Photometry

### CHARACTERISTICS

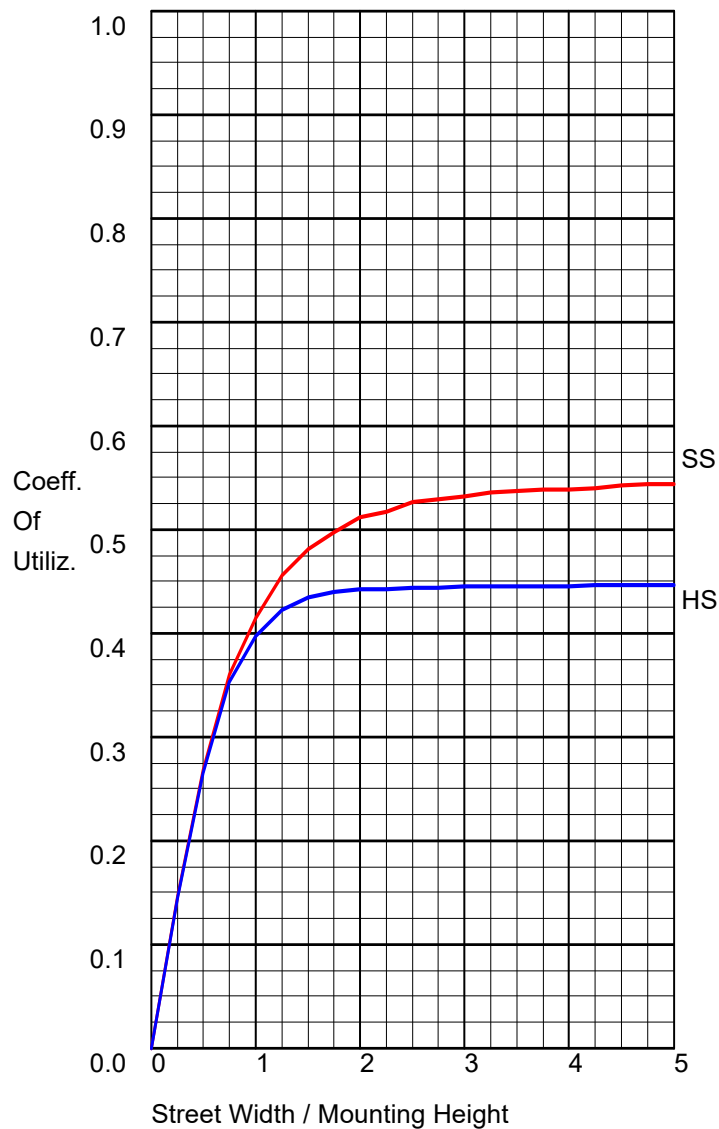
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1923
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	28.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	793.04
Maximum Candela Angle	5H 5V
Maximum Candela (<90 Degrees Vertical)	793.04
Maximum Candela Angle (<90 Degrees Vertical)	5H 5V
Maximum Candela At 90 Degrees Vertical	6.87 (0.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	59.04 (3.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	304.9	N.A.	15.9
FM - Front-Medium (30-60)	556.1	N.A.	28.9
FH - Front-High (60-80)	179.2	N.A.	9.3
FVH - Front-Very High (80-90)	13.1	N.A.	0.7
BL - Back-Low (0-30)	302.2	N.A.	15.7
BM - Back-Medium (30-60)	472.6	N.A.	24.6
BH - Back-High (60-80)	80.3	N.A.	4.2
BVH - Back-Very High (80-90)	5.4	N.A.	0.3
UL - Uplight-Low (90-100)	5.3	N.A.	0.3
UH - Uplight-High (100-180)	3.9	N.A.	0.2
Total	1923.0	N.A.	100.0
BUG Rating	B1-U1-G1		

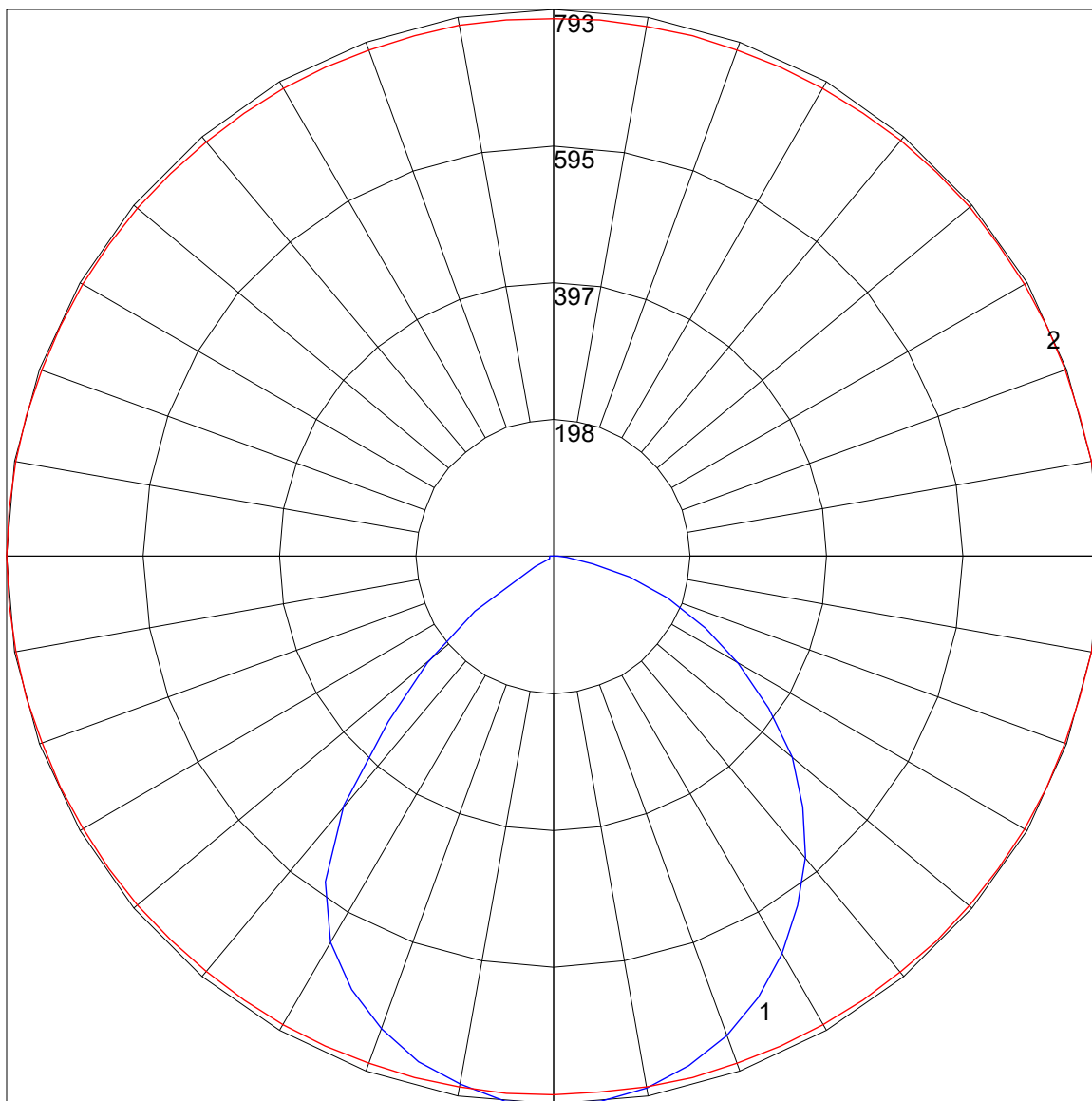
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

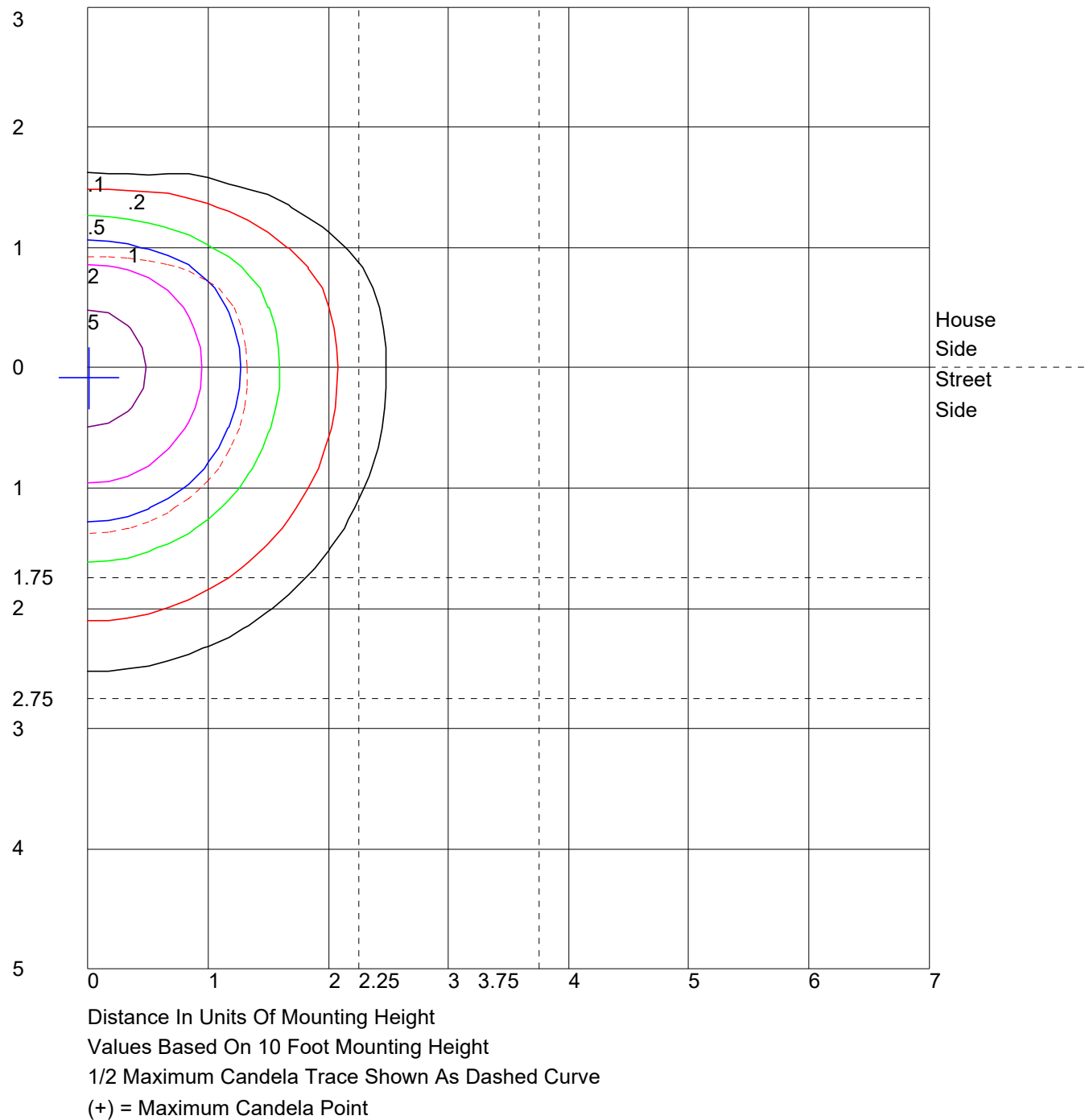
	Lumens	Percent Of Luminaire
Downward Street Side	1053.3	54.8
Downward House Side	860.4	44.7
Downward Total	1913.7	99.5
Upward Street Side	4.8	0.3
Upward House Side	4.4	0.2
Upward Total	9.2	0.5
Total Flux	1922.9	100.0

POLAR GRAPH

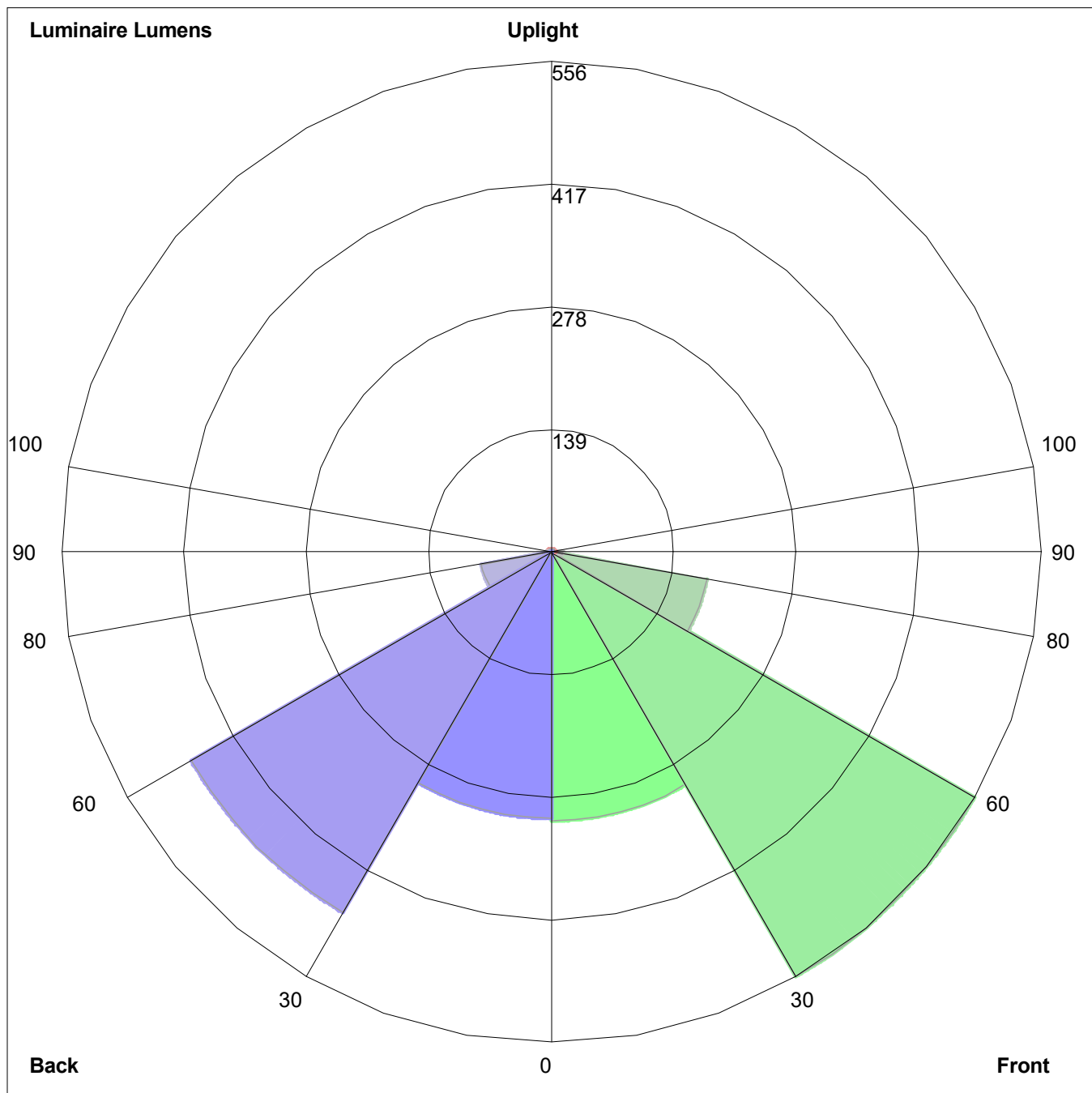


Maximum Candela = 793.04 Located At Horizontal Angle = 5, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=304.9, Medium=556.1, High=179.2, Very High=13.1  
Back: Low=302.2, Medium=472.6, High=80.3, Very High=5.4  
Uplight: Low=5.3, High=3.9

BUG Rating : B1-U1-G1