



## IES ROAD REPORT

PHOTOMETRIC FILENAME : 4401-39L-40.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] L052311301  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUE DATE] 5/11/2023  
 [MANUFAC] Rebelle Architectural Lighting  
 [LUMCAT] 4401  
 [LUMINAIRE] Wall Mount Medium  
 [BALLASTCAT] ERP PKM50W-1400-55-NN  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 120VAC  
 [TEST PROCEDURE] IESNA:LM-79-19

### CHARACTERISTICS

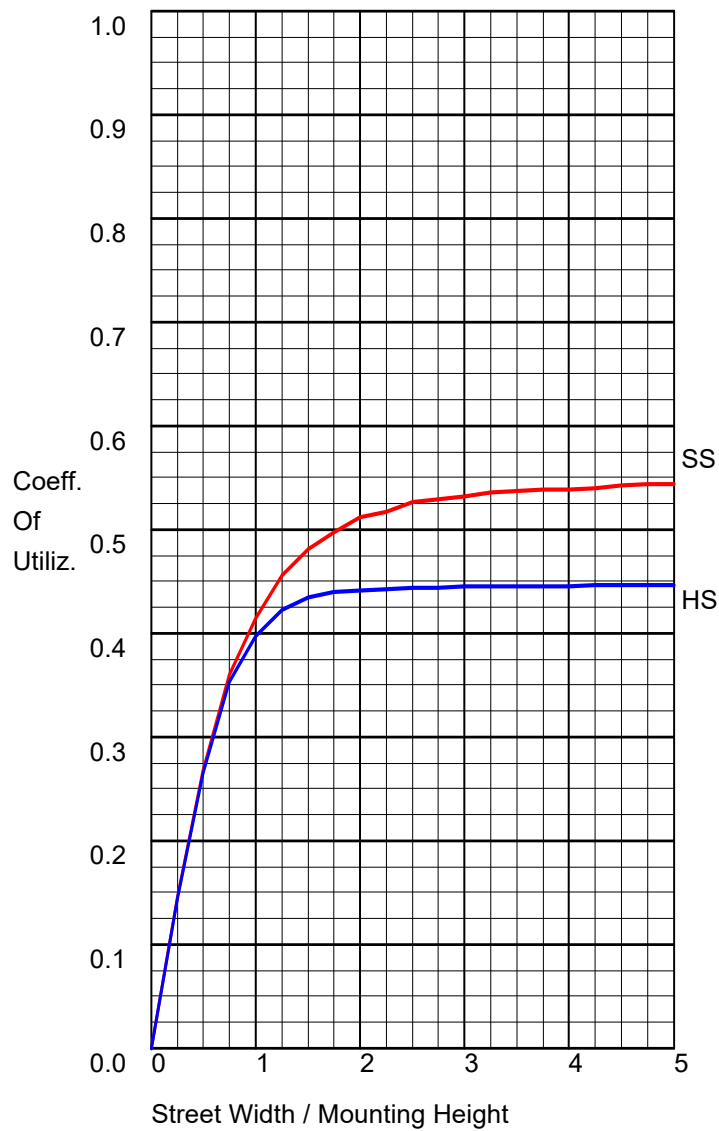
IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2801
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	66
Total Luminaire Watts	42.59
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1155
Maximum Candela Angle	5H 5V
Maximum Candela (<90 Degrees Vertical)	1155
Maximum Candela Angle (<90 Degrees Vertical)	5H 5V
Maximum Candela At 90 Degrees Vertical	10 (0.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	86 (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)	444.1	N.A.	15.9
FM - Front-Medium (30-60)	809.9	N.A.	28.9
FH - Front-High (60-80)	260.9	N.A.	9.3
FVH - Front-Very High (80-90)	19.1	N.A.	0.7
BL - Back-Low (0-30)	440.2	N.A.	15.7
BM - Back-Medium (30-60)	688.3	N.A.	24.6
BH - Back-High (60-80)	116.9	N.A.	4.2
BVH - Back-Very High (80-90)	7.8	N.A.	0.3
UL - Uplight-Low (90-100)	7.8	N.A.	0.3
UH - Uplight-High (100-180)	5.6	N.A.	0.2
Total	2800.6	N.A.	100.0
BUG Rating	B1-U1-G1		

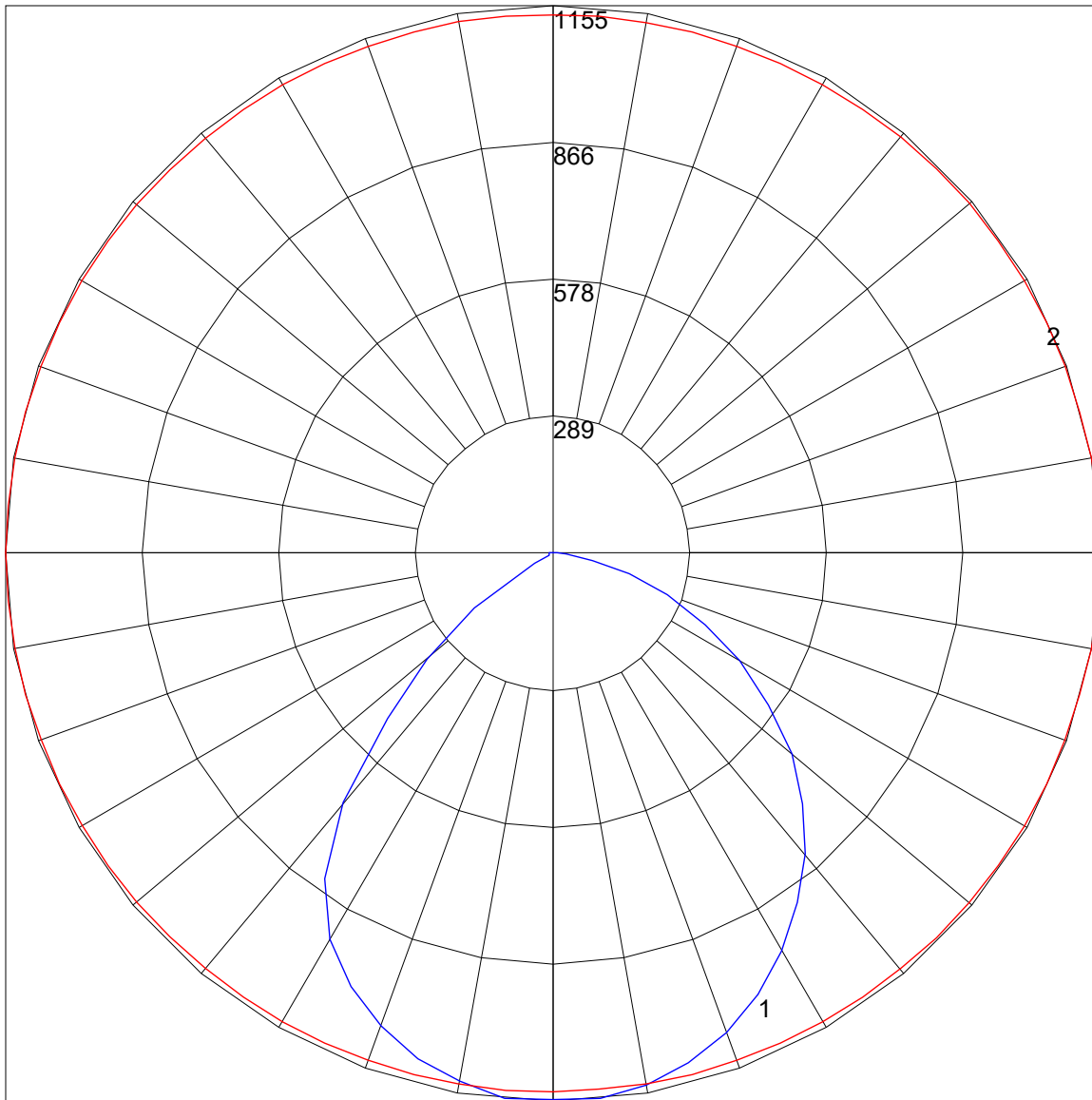
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

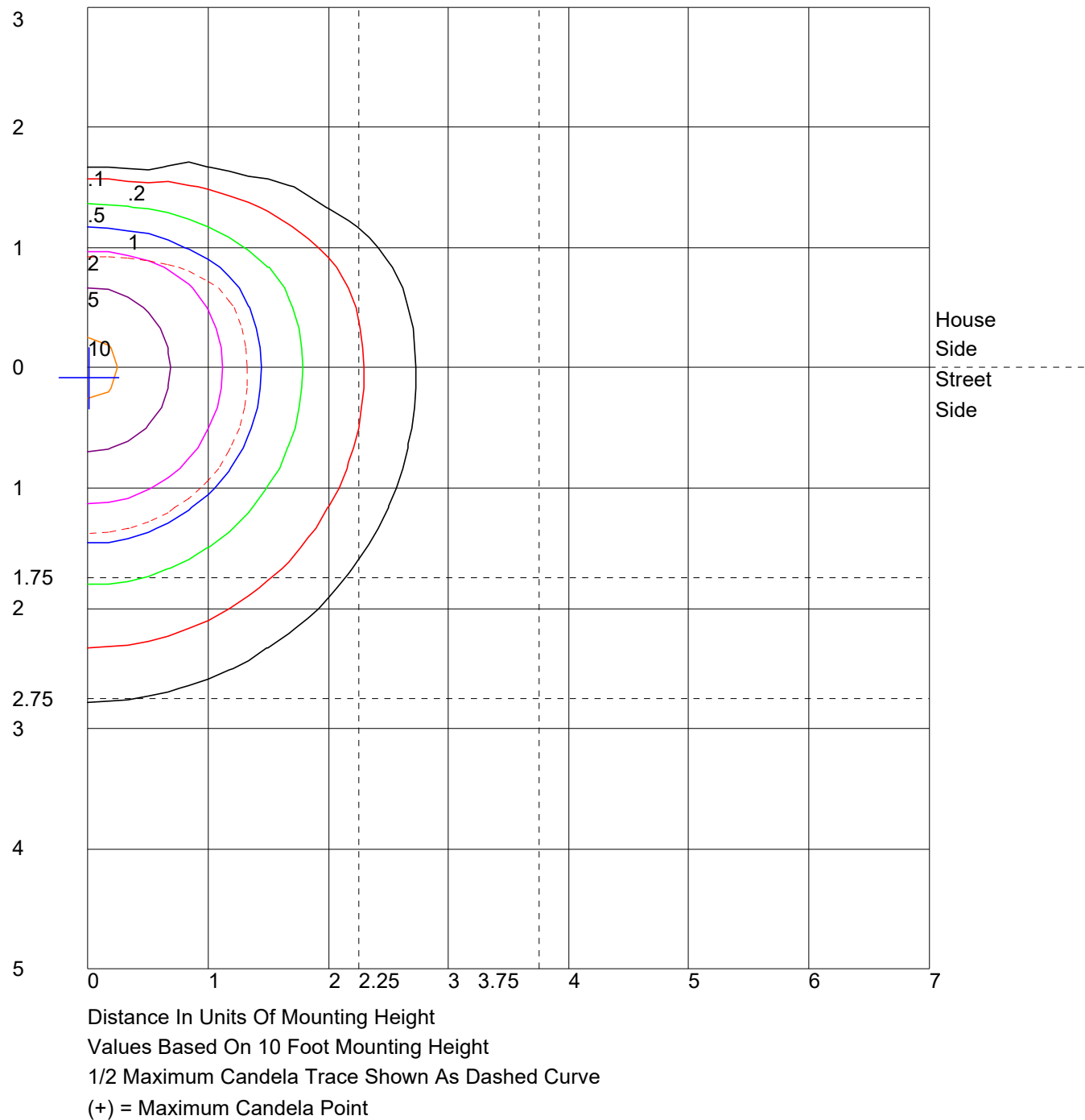
	Lumens	Percent Of Luminaire
Downward Street Side	1534.0	54.8
Downward House Side	1253.2	44.7
Downward Total	2787.2	99.5
Upward Street Side	7.0	0.3
Upward House Side	6.3	0.2
Upward Total	13.3	0.5
Total Flux	2800.5	100.0

POLAR GRAPH

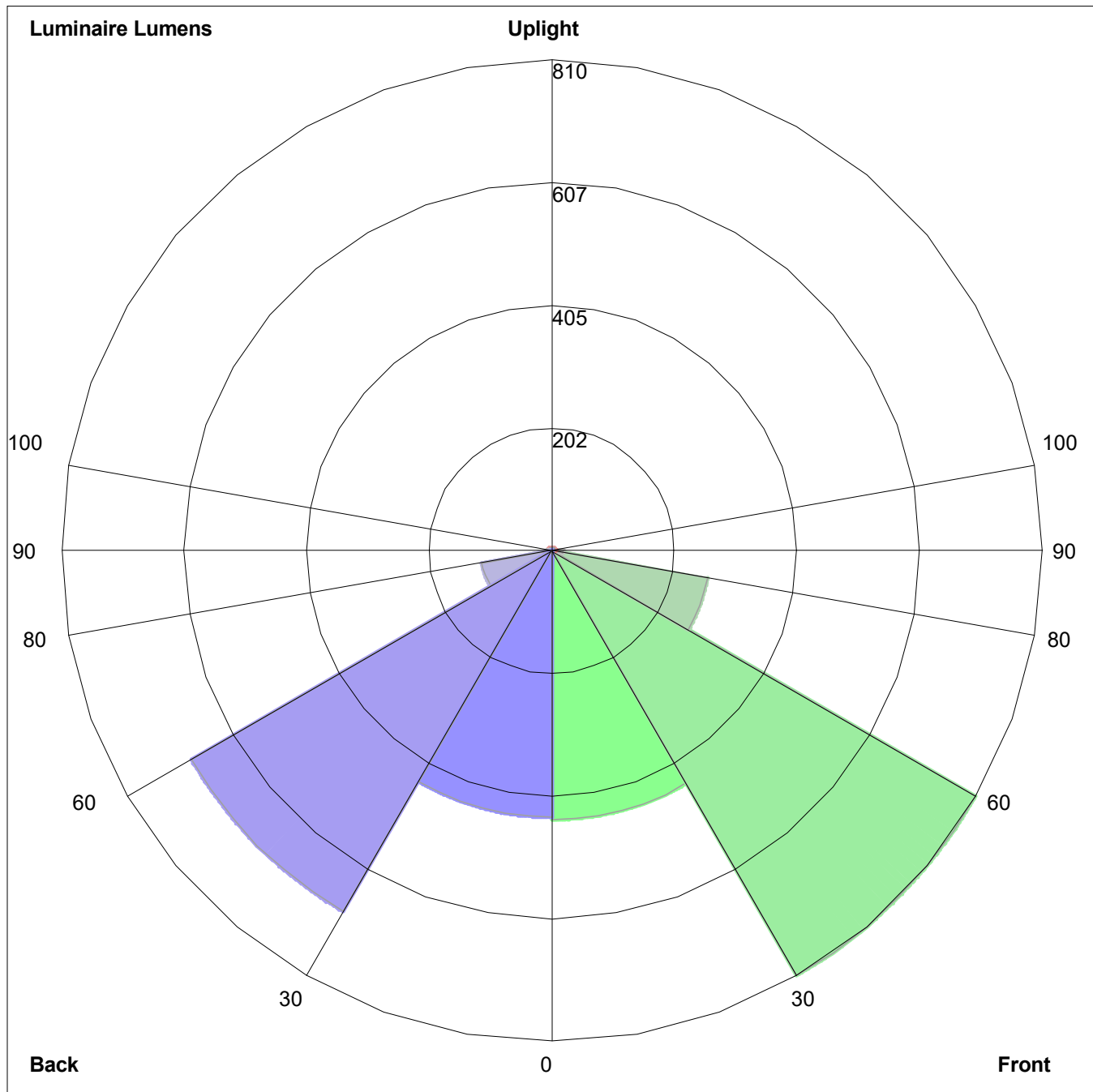


Maximum Candela = 1155 Located At Horizontal Angle = 5, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=444.1, Medium=809.9, High=260.9, Very High=19.1  
Back: Low=440.2, Medium=688.3, High=116.9, Very High=7.8  
Uplight: Low=7.8, High=5.6

BUG Rating : B1-U1-G1