



IES ROAD REPORT

PHOTOMETRIC FILENAME : 4452-14L-40-T3.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [TESTLAB] Sclaed from L032311703 LIGHT LABORATORY, INC.
 [TESTDATE] 5 Aug 2023
 [ISSUEDATE] 5 Aug 2023
 [MANUFAC] Rebelle Architectural Lighting
 [LUMCAT] 4452-14L-40-T3
 [LUMINAIRE] Bollard with type 3
 [FLASHAREA] 0.002740
 [LAMPCAT] 4452-14L-40-T3
 [LAMP] 4452-14L-40-T3 13.50W 1586.00lm
 [OTHER] Absolute Photometry

CHARACTERISTICS

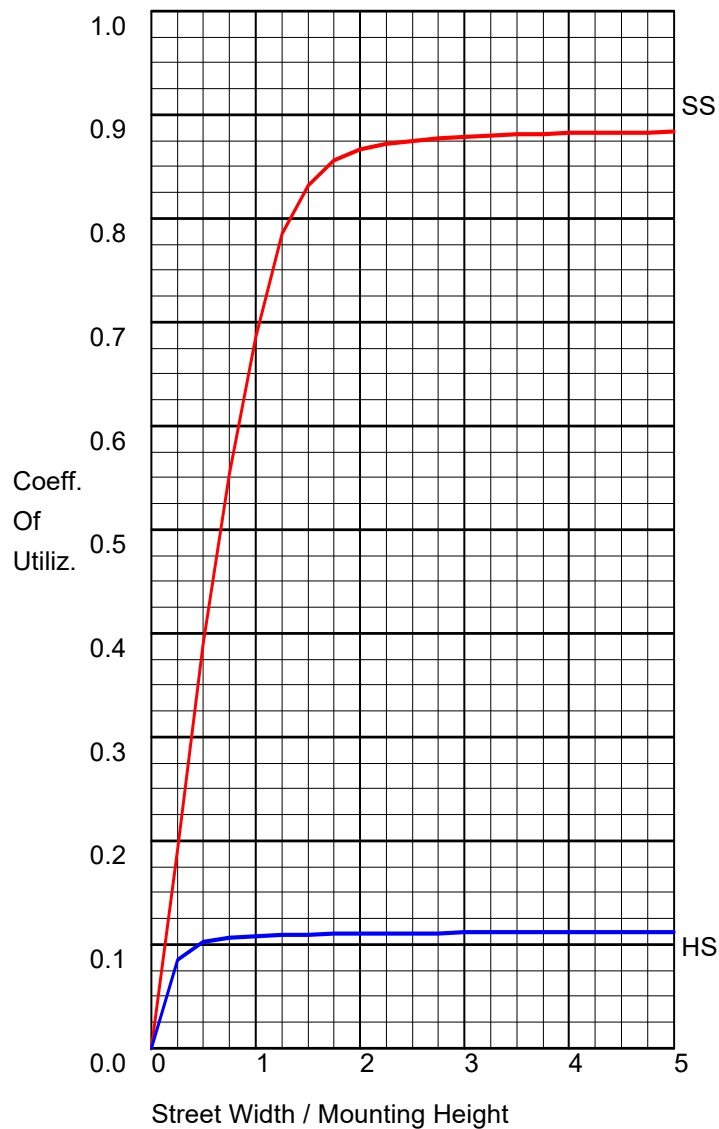
IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1586
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	13.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1265.71
Maximum Candela Angle	70H 65V
Maximum Candela (<90 Degrees Vertical)	1265.71
Maximum Candela Angle (<90 Degrees Vertical)	70H 65V
Maximum Candela At 90 Degrees Vertical	4.5 (0.3% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	72.78 (4.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : 4452-14L-40-T3.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	256.2	N.A.	16.2
FM - Front-Medium (30-60)	767.0	N.A.	48.4
FH - Front-High (60-80)	374.2	N.A.	23.6
FVH - Front-Very High (80-90)	7.3	N.A.	0.5
BL - Back-Low (0-30)	40.1	N.A.	2.5
BM - Back-Medium (30-60)	85.6	N.A.	5.4
BH - Back-High (60-80)	49.9	N.A.	3.1
BVH - Back-Very High (80-90)	2.9	N.A.	0.2
UL - Uplight-Low (90-100)	2.4	N.A.	0.2
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	1585.6	N.A.	100.0
BUG Rating	B0-U1-G0		

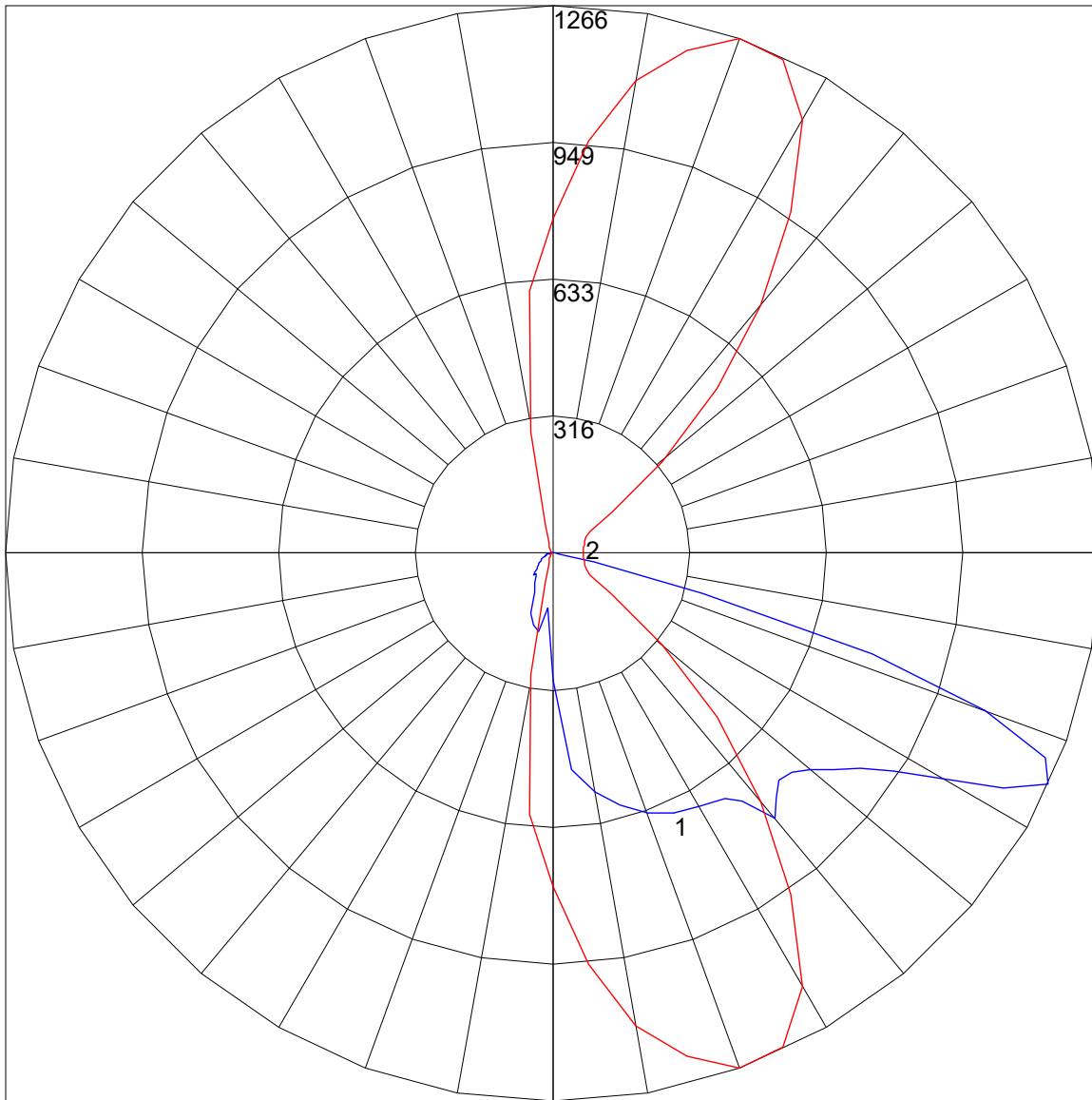
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

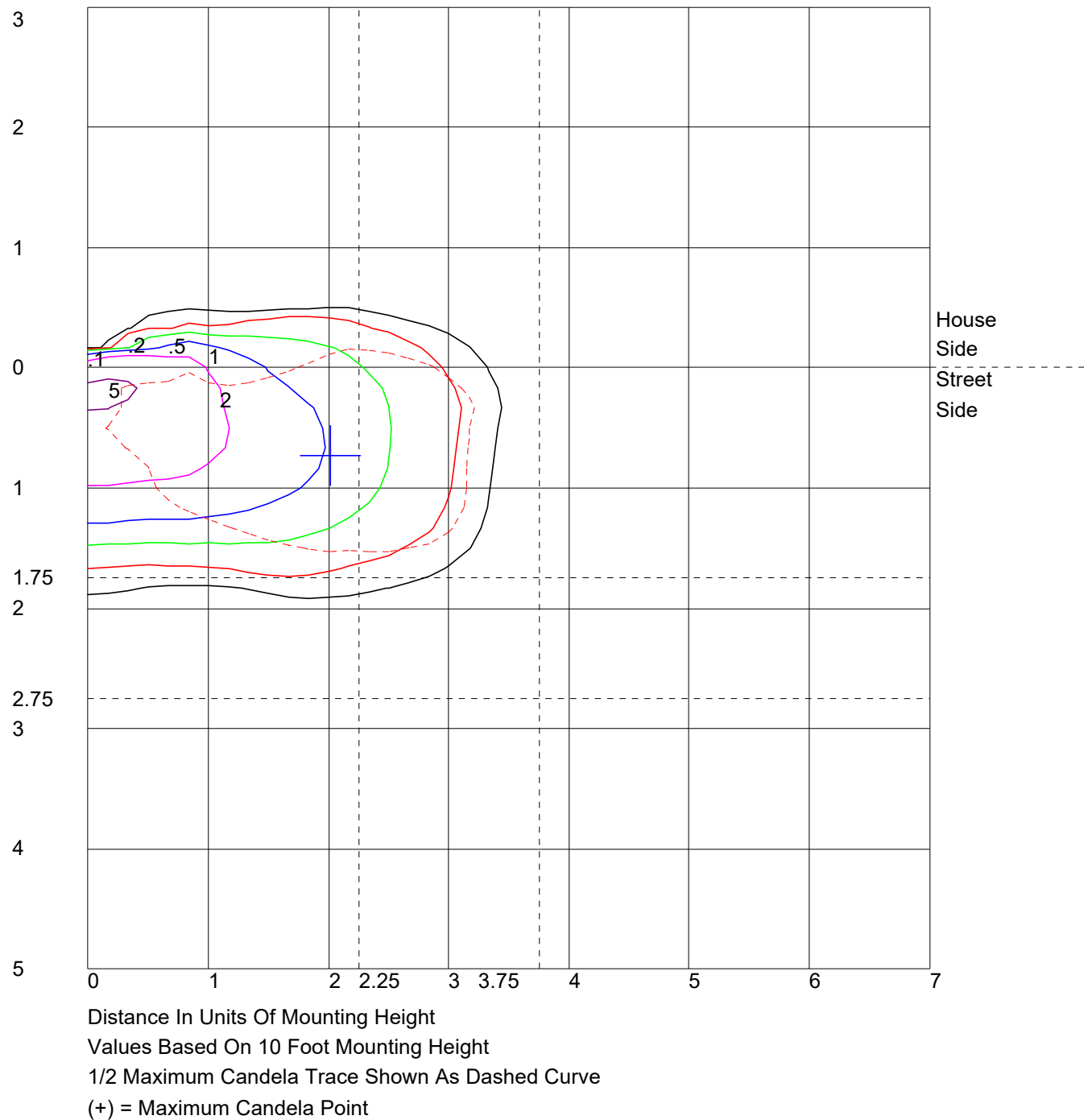
	Lumens	Percent Of Luminaire
Downward Street Side	1404.8	88.6
Downward House Side	178.5	11.3
Downward Total	1583.3	99.8
Upward Street Side	0.9	0.1
Upward House Side	1.5	0.1
Upward Total	2.4	0.2
Total Flux	1585.7	100.0

POLAR GRAPH

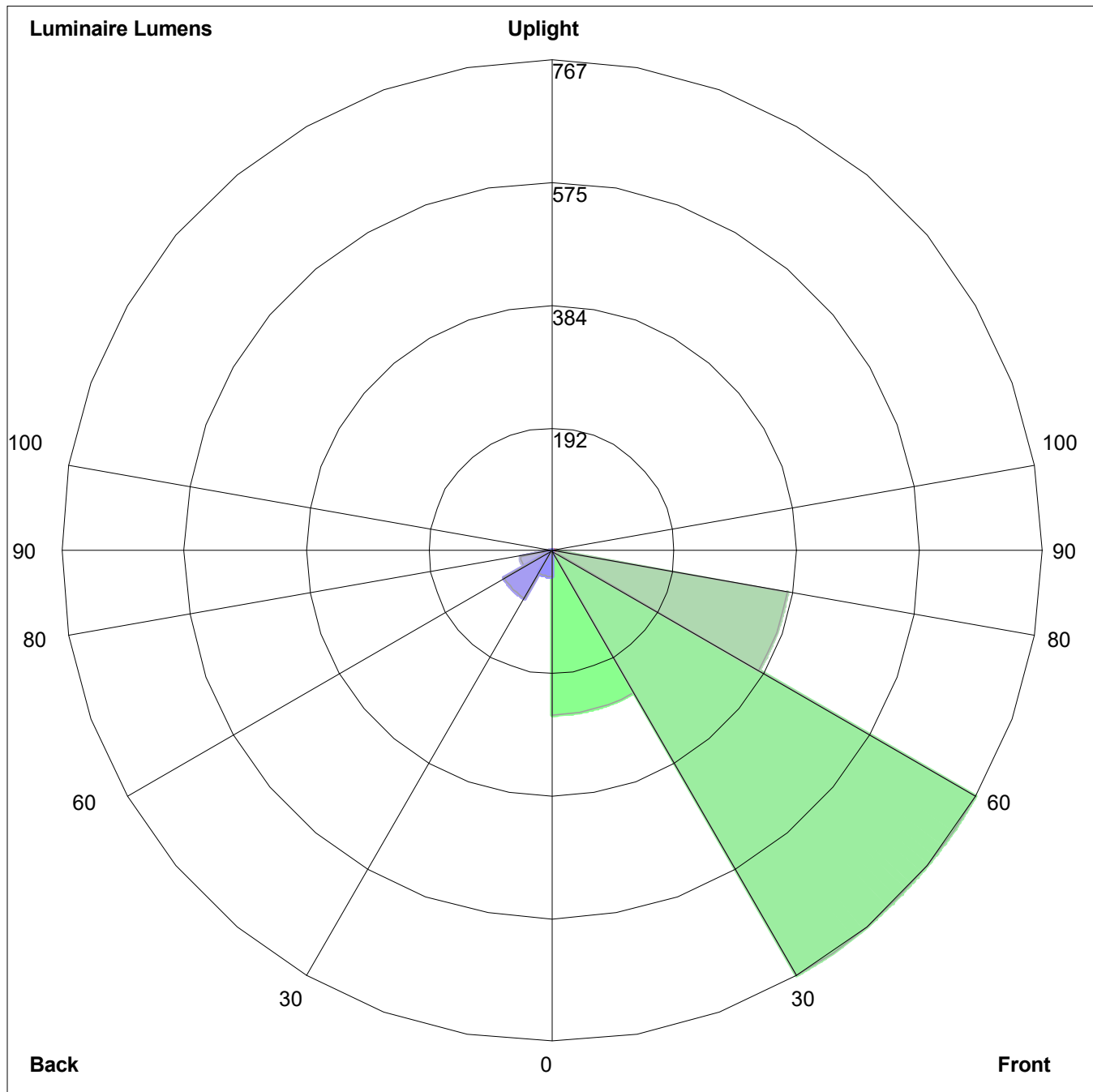


Maximum Candela = 1265.71 Located At Horizontal Angle = 70, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (70 - 250) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=256.2, Medium=767.0, High=374.2, Very High=7.3
Back: Low=40.1, Medium=85.6, High=49.9, Very High=2.9
Uplight: Low=2.4, High=0.0

BUG Rating : B0-U1-G0