

Scaled data based on original data using
LM-31-95 IESNA Approved Method for Photometric Testing of Roadway Luminaires
Using Incandescent Filament and High Intensity Discharge Lamps

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: LUMIERE

Report Number: 246p107

Luminaire Tested: **1201-0A-35T4-12-CS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-31-95
Report Number: 246p107
Test Lab: METALUX RESEARCH LABS
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1201-0A-35T4-12-CS
Description: 1201 SERIES STEPLIGHT LUMINAIRE WITH OPEN FACE PLATE
Light Source: ONE - 35T4-GY6.35
Ballast/Driver: -

Summary

Lumens per Lamp: 600 (1 lamp)
Luminaire Lumens: 265.6 lumens
Efficiency: 44.3%
Efficacy: 8.3 lumens/watt
Luminous Opening: (L: 0 ' x W: 0.36 ' x H: 0.14 '
IES Classification: Type - Short - Non-Cutoff
BUG Rating: B0 - U3 - G1

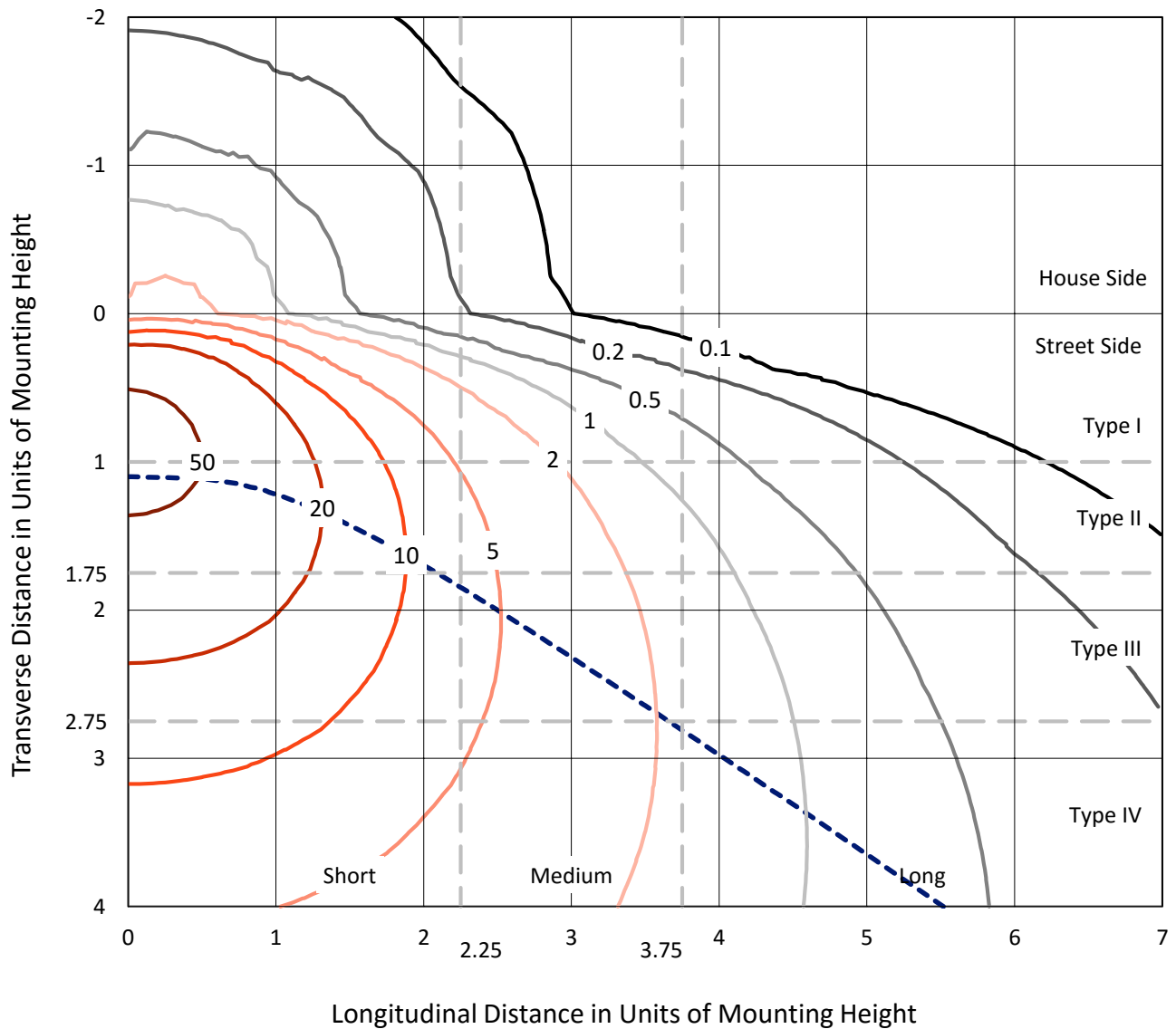
Input Watts (W): 32
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

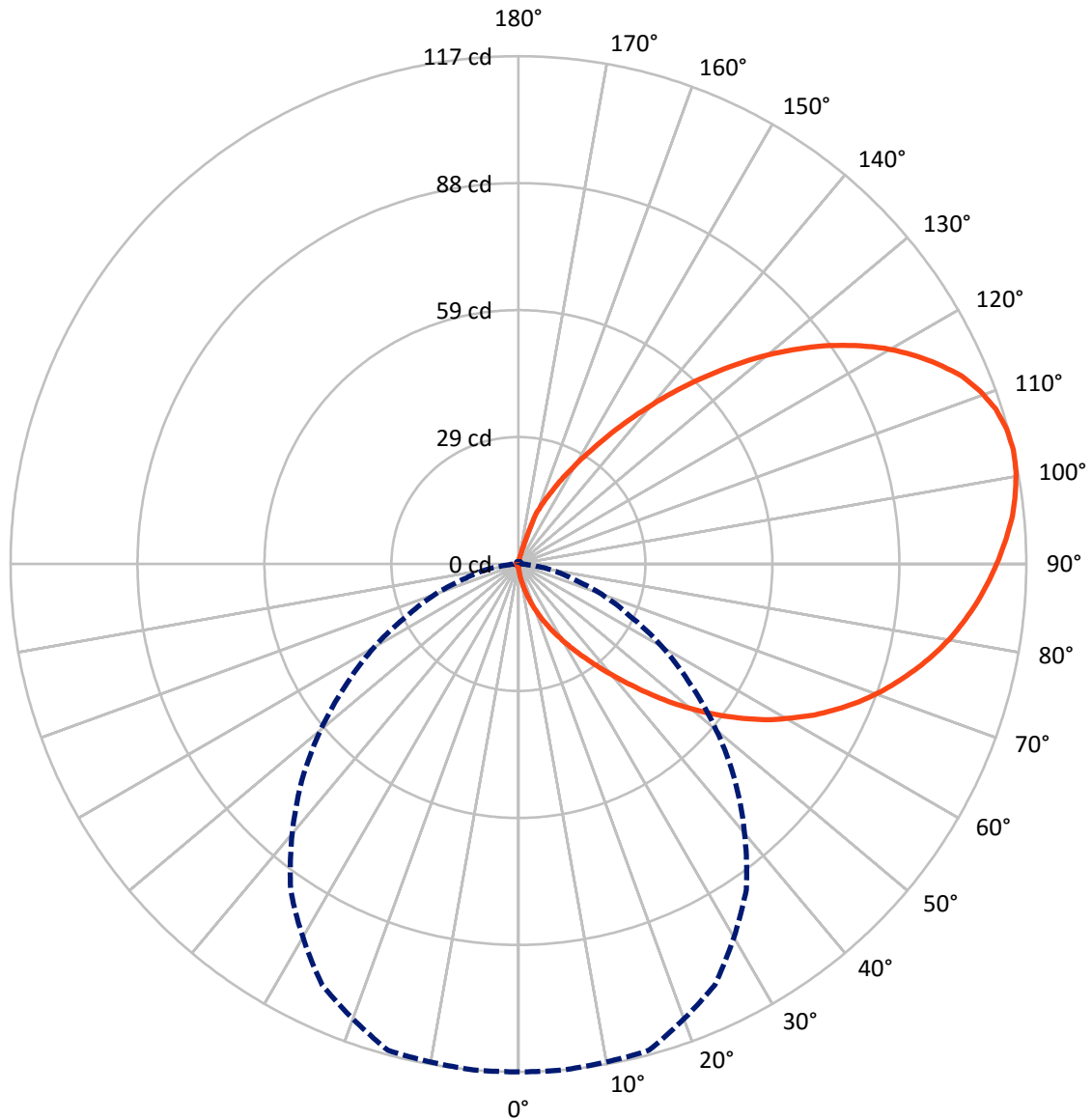


Based on 0.5 foot mounting height. Maximum calculated value = 61.4 fc
 Type - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 102.5-Deg Vertical

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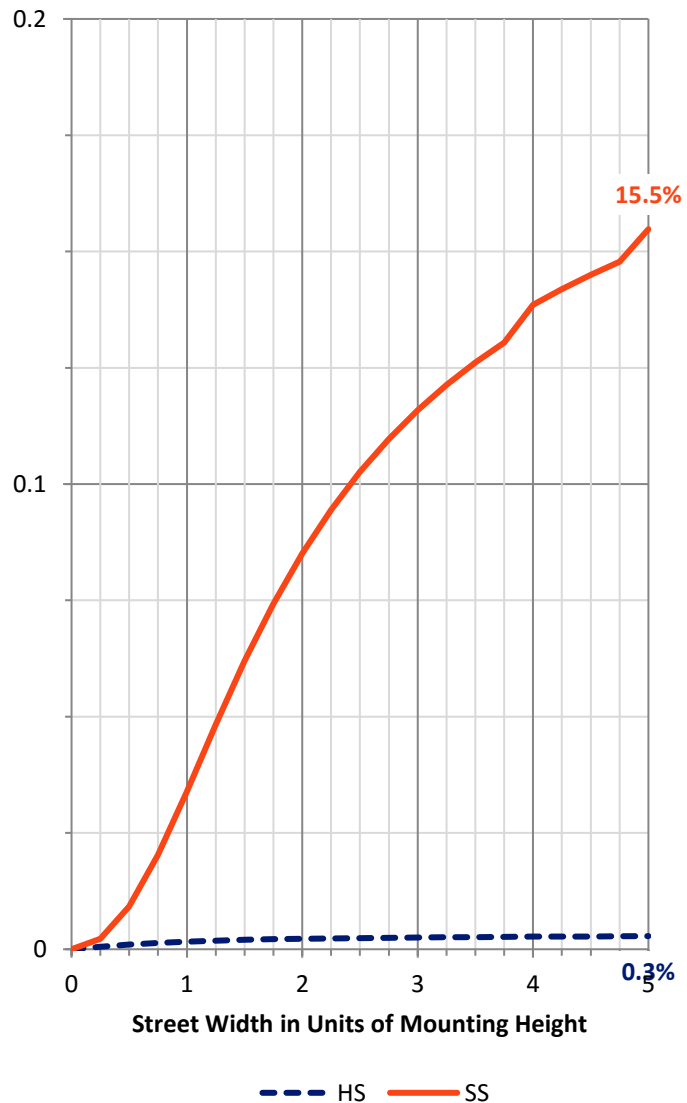
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|--------|----------|--------|-------|
| House Side | Lumens | 1.9 | 1.9 | 3.8 |
| | % Lamp | 0.3 | 0.3 | 0.6 |
| Street Side | Lumens | 119.5 | 142.4 | 261.9 |
| | % Lamp | 19.9 | 23.7 | 43.6 |
| Total | Lumens | 121.4 | 144.3 | 265.6 |
| | % Lamp | 20.2 | 24.0 | 44.3 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture | % Lamp |
|-----------|--------|-----------|--------|
| 0°-10° | 0.1 | 0.0 | 0.0 |
| 10°-20° | 0.8 | 0.3 | 0.1 |
| 20°-30° | 2.3 | 0.9 | 0.4 |
| 30°-40° | 5.1 | 1.9 | 0.9 |
| 40°-50° | 9.6 | 3.6 | 1.6 |
| 50°-60° | 16.2 | 6.1 | 2.7 |
| 60°-70° | 23.5 | 8.8 | 3.9 |
| 70°-80° | 29.7 | 11.2 | 5.0 |
| 80°-90° | 34.0 | 12.8 | 5.7 |
| 90°-100° | 36.0 | 13.6 | 6.0 |
| 100°-110° | 34.8 | 13.1 | 5.8 |
| 110°-120° | 29.6 | 11.1 | 4.9 |
| 120°-130° | 21.5 | 8.1 | 3.6 |
| 130°-140° | 12.8 | 4.8 | 2.1 |
| 140°-150° | 6.3 | 2.4 | 1.0 |
| 150°-160° | 2.6 | 1.0 | 0.4 |
| 160°-170° | 0.6 | 0.2 | 0.1 |
| 170°-180° | 0.1 | 0.0 | 0.0 |
| 0°-90° | 121.4 | 45.7 | 20.2 |
| 0°-180° | 265.6 | 100.0 | 44.3 |



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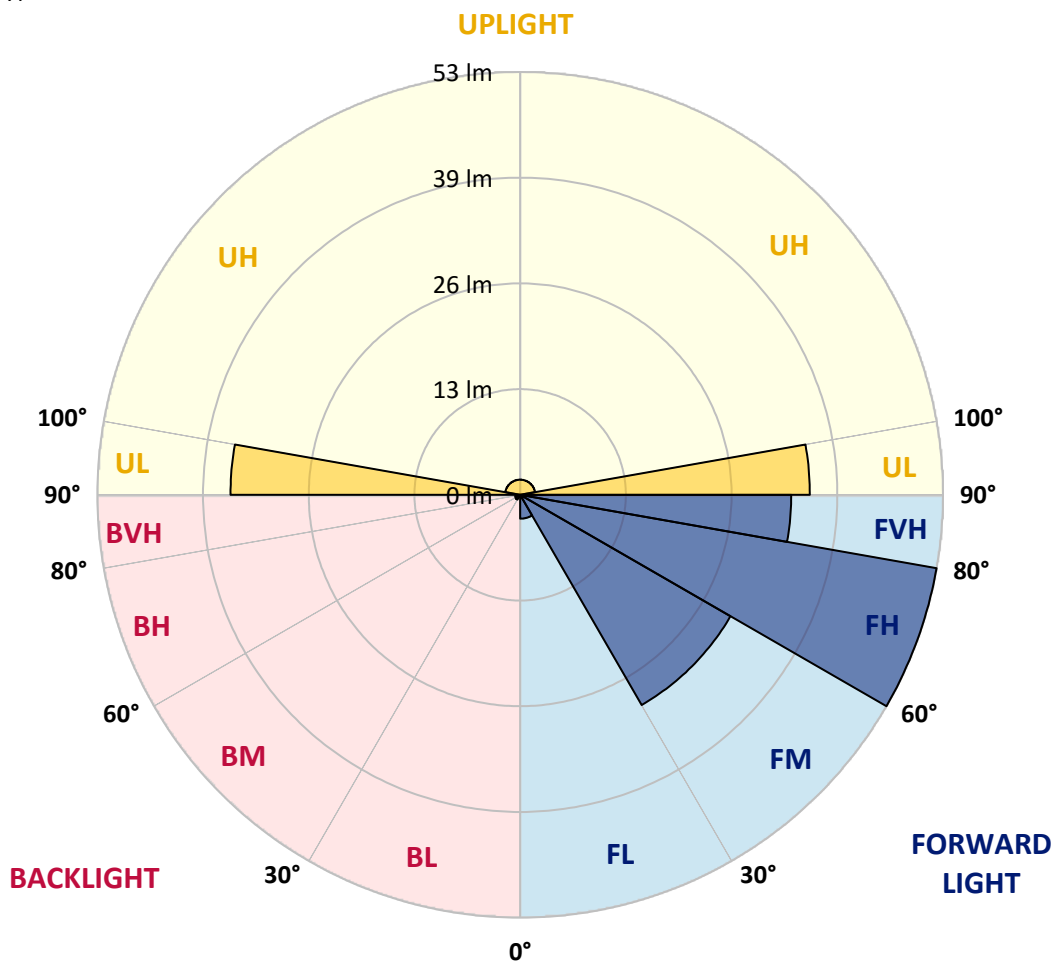
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Lamp | Zone Rating/Lumen Limit | | |
|---------------|-------------|--------|--------|-------------------------|-------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 3.0 | 0.5 | | | |
| FM | (30°-60°) | 30.2 | 5.0 | | | |
| FH | (60°-80°) | 52.6 | 8.8 | | | G0/660 |
| FVH | (80°-90°) | 33.7 | 5.6 | | | G1/100 |
| BL | (0°-30°) | 0.3 | 0.0 | B0/110 | | |
| BM | (30°-60°) | 0.7 | 0.1 | B0/220 | | |
| BH | (60°-80°) | 0.6 | 0.1 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 0.3 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 36.0 | 6.0 | | U2/50 | |
| UH | (100°-180°) | 1.9 | 0.3 | | U1/10 | |
| Trapped Light | | 334.4 | 55.7 | | | |

BUG Rating: B0-U3-G1

Type Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|------|------|------|------|------|-----|-----|
| 0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 2.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | 0.8 |
| 5° | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | 1.4 | 1.3 | 1.0 | 0.7 | 0.8 |
| 7.5° | 2.7 | 2.7 | 2.6 | 2.6 | 2.4 | 2.2 | 1.9 | 1.6 | 1.2 | 0.8 | 0.7 |
| 10° | 4.0 | 4.0 | 3.8 | 3.6 | 3.2 | 2.8 | 2.4 | 1.9 | 1.4 | 0.9 | 0.7 |
| 12.5° | 5.6 | 5.6 | 5.4 | 5.0 | 4.4 | 3.6 | 3.0 | 2.3 | 1.6 | 0.9 | 0.7 |
| 15° | 7.4 | 7.4 | 7.1 | 6.5 | 5.8 | 4.8 | 3.7 | 2.7 | 1.9 | 1.0 | 0.7 |
| 17.5° | 9.3 | 9.3 | 8.9 | 8.2 | 7.2 | 6.0 | 4.5 | 3.1 | 2.1 | 1.1 | 0.7 |
| 20° | 11.3 | 11.3 | 10.8 | 10.0 | 8.8 | 7.3 | 5.5 | 3.6 | 2.3 | 1.2 | 0.7 |
| 22.5° | 13.5 | 13.4 | 12.9 | 11.9 | 10.4 | 8.9 | 6.5 | 4.3 | 2.6 | 1.2 | 0.7 |
| 25° | 15.8 | 15.7 | 15.1 | 13.9 | 12.2 | 10.0 | 7.6 | 5.0 | 2.8 | 1.3 | 0.8 |
| 27.5° | 18.2 | 18.1 | 17.4 | 16.0 | 14.1 | 11.6 | 8.7 | 5.8 | 3.0 | 1.4 | 0.8 |
| 30° | 20.8 | 20.7 | 19.9 | 18.4 | 16.1 | 13.2 | 9.9 | 6.5 | 3.4 | 1.5 | 0.8 |
| 32.5° | 23.6 | 23.5 | 22.6 | 20.8 | 18.1 | 14.8 | 11.1 | 7.3 | 3.8 | 1.5 | 0.8 |
| 35° | 26.7 | 26.6 | 25.5 | 23.4 | 20.4 | 16.6 | 12.4 | 8.1 | 4.2 | 1.6 | 0.8 |
| 37.5° | 30.2 | 30.0 | 28.8 | 26.4 | 22.9 | 18.6 | 13.7 | 8.9 | 4.5 | 1.6 | 0.8 |
| 40° | 34.0 | 33.8 | 32.4 | 29.7 | 25.7 | 20.6 | 15.1 | 9.6 | 4.9 | 1.7 | 0.8 |
| 42.5° | 38.2 | 38.1 | 36.5 | 33.4 | 28.8 | 22.9 | 16.5 | 10.5 | 5.3 | 1.7 | 0.8 |
| 45° | 42.9 | 42.7 | 40.9 | 37.5 | 32.2 | 25.4 | 18.1 | 11.3 | 5.6 | 1.7 | 0.8 |
| 47.5° | 47.9 | 47.6 | 45.7 | 42.0 | 36.0 | 28.2 | 20.0 | 12.3 | 5.9 | 1.8 | 0.8 |
| 50° | 52.9 | 52.6 | 50.7 | 46.7 | 40.0 | 31.2 | 21.9 | 13.3 | 6.3 | 1.8 | 0.8 |
| 52.5° | 57.9 | 57.7 | 55.8 | 51.6 | 44.3 | 34.5 | 24.2 | 14.5 | 6.6 | 1.8 | 0.8 |
| 55° | 62.9 | 62.6 | 60.9 | 56.6 | 48.7 | 38.0 | 26.6 | 15.9 | 7.1 | 1.8 | 0.8 |
| 57.5° | 67.8 | 67.5 | 65.9 | 61.6 | 53.2 | 41.6 | 29.1 | 17.4 | 7.5 | 1.9 | 0.8 |
| 60° | 72.2 | 72.1 | 70.6 | 66.3 | 57.4 | 45.0 | 31.6 | 18.8 | 8.2 | 1.9 | 0.8 |
| 62.5° | 76.7 | 76.5 | 75.0 | 70.8 | 61.5 | 48.3 | 34.0 | 20.4 | 8.8 | 1.9 | 0.8 |
| 65° | 80.8 | 80.6 | 79.4 | 75.2 | 65.3 | 51.3 | 36.2 | 21.8 | 9.5 | 1.9 | 0.8 |
| 67.5° | 84.8 | 84.6 | 83.5 | 79.2 | 68.8 | 54.3 | 38.2 | 23.1 | 10.2 | 2.0 | 0.8 |
| 70° | 88.5 | 88.4 | 87.5 | 83.0 | 72.1 | 56.9 | 40.1 | 24.3 | 10.8 | 2.0 | 0.8 |
| 72.5° | 92.0 | 92.0 | 91.0 | 86.4 | 75.1 | 59.3 | 41.7 | 25.2 | 11.4 | 2.1 | 0.8 |
| 75° | 95.3 | 95.2 | 94.3 | 89.6 | 77.9 | 61.5 | 43.2 | 26.0 | 11.7 | 2.2 | 0.8 |
| 77.5° | 98.5 | 98.3 | 97.3 | 92.4 | 80.5 | 63.5 | 44.5 | 26.7 | 12.1 | 2.3 | 0.8 |
| 80° | 101.4 | 101.1 | 100.0 | 95.1 | 82.9 | 65.4 | 45.7 | 27.2 | 12.2 | 2.3 | 0.8 |
| 82.5° | 104.0 | 103.7 | 102.7 | 97.6 | 85.2 | 67.2 | 46.7 | 27.7 | 12.4 | 2.4 | 0.8 |
| 85° | 106.5 | 106.1 | 105.1 | 99.9 | 87.2 | 68.7 | 47.6 | 28.1 | 12.5 | 2.4 | 0.8 |
| 87.5° | 108.7 | 108.5 | 107.4 | 101.9 | 88.9 | 69.9 | 48.3 | 28.4 | 12.6 | 2.4 | 0.8 |
| 90° | 110.8 | 110.6 | 109.6 | 103.7 | 90.3 | 71.0 | 48.9 | 28.6 | 12.6 | 2.4 | 0.8 |
| 92.5° | 112.7 | 112.5 | 111.6 | 105.2 | 91.3 | 71.5 | 49.1 | 28.7 | 12.6 | 2.4 | 0.8 |
| 95° | 114.5 | 114.3 | 113.5 | 106.3 | 92.1 | 71.9 | 49.3 | 28.8 | 12.7 | 2.4 | 0.8 |
| 97.5° | 115.8 | 115.8 | 115.0 | 107.1 | 92.3 | 71.8 | 49.2 | 28.8 | 12.6 | 2.4 | 0.8 |
| 100° | 116.8 | 116.8 | 115.9 | 107.4 | 92.2 | 71.5 | 48.9 | 28.6 | 12.5 | 2.4 | 0.8 |
| 102.5° | 117.2 | 117.2 | 116.2 | 107.2 | 91.7 | 70.7 | 48.5 | 28.4 | 12.5 | 2.3 | 0.8 |
| 105° | 116.9 | 117.0 | 115.7 | 106.5 | 90.6 | 69.8 | 47.8 | 28.1 | 12.3 | 2.2 | 0.8 |
| 107.5° | 115.8 | 115.9 | 114.2 | 104.8 | 89.1 | 68.5 | 46.9 | 27.7 | 12.1 | 2.1 | 0.8 |
| 110° | 113.8 | 113.8 | 111.8 | 102.6 | 87.0 | 66.9 | 45.9 | 27.1 | 11.8 | 2.0 | 0.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|------|------|------|------|------|------|-----|-----|
| 112.5° | 111.1 | 110.9 | 108.6 | 99.7 | 84.3 | 64.9 | 44.7 | 26.5 | 11.5 | 2.0 | 0.8 |
| 115° | 107.2 | 107.1 | 104.5 | 96.0 | 81.2 | 62.6 | 43.1 | 25.5 | 11.1 | 1.9 | 0.8 |
| 117.5° | 102.9 | 102.7 | 99.9 | 91.8 | 77.7 | 59.9 | 41.3 | 24.5 | 10.5 | 1.9 | 0.8 |
| 120° | 98.1 | 97.8 | 94.8 | 87.1 | 73.8 | 56.9 | 39.4 | 23.3 | 9.8 | 1.8 | 0.8 |
| 122.5° | 92.6 | 92.3 | 89.3 | 81.9 | 69.5 | 53.7 | 37.1 | 21.9 | 9.1 | 1.8 | 0.8 |
| 125° | 86.7 | 86.3 | 83.3 | 76.4 | 64.8 | 50.0 | 34.5 | 20.3 | 8.4 | 1.7 | 0.8 |
| 127.5° | 80.3 | 80.0 | 77.1 | 70.4 | 59.7 | 46.0 | 31.8 | 18.6 | 7.7 | 1.7 | 0.8 |
| 130° | 73.7 | 73.3 | 70.4 | 64.2 | 54.4 | 41.9 | 28.9 | 16.9 | 7.1 | 1.7 | 0.8 |
| 132.5° | 66.7 | 66.4 | 63.6 | 57.8 | 48.9 | 37.7 | 26.0 | 15.2 | 6.5 | 1.6 | 0.8 |
| 135° | 59.9 | 59.6 | 57.0 | 51.6 | 43.6 | 33.7 | 23.3 | 13.7 | 6.0 | 1.6 | 0.7 |
| 137.5° | 53.2 | 52.9 | 50.4 | 45.6 | 38.5 | 29.8 | 20.7 | 12.3 | 5.4 | 1.5 | 0.8 |
| 140° | 46.7 | 46.4 | 44.2 | 39.9 | 33.7 | 26.2 | 18.3 | 11.0 | 4.9 | 1.5 | 0.8 |
| 142.5° | 40.6 | 40.3 | 38.4 | 34.7 | 29.4 | 22.9 | 16.2 | 9.7 | 4.3 | 1.4 | 0.8 |
| 145° | 35.0 | 34.8 | 33.1 | 29.9 | 25.5 | 20.0 | 14.2 | 8.6 | 3.8 | 1.4 | 0.7 |
| 147.5° | 30.0 | 29.8 | 28.4 | 25.7 | 21.9 | 17.3 | 12.3 | 7.5 | 3.3 | 1.3 | 0.7 |
| 150° | 25.7 | 25.5 | 24.3 | 22.0 | 18.8 | 14.9 | 10.7 | 6.5 | 2.8 | 1.3 | 0.7 |
| 152.5° | 21.8 | 21.6 | 20.6 | 18.7 | 16.0 | 12.7 | 9.1 | 5.5 | 2.6 | 1.2 | 0.7 |
| 155° | 18.3 | 18.2 | 17.3 | 15.8 | 13.5 | 10.7 | 7.7 | 4.6 | 2.4 | 1.2 | 0.8 |
| 157.5° | 15.2 | 15.1 | 14.4 | 13.1 | 11.2 | 8.9 | 6.4 | 3.7 | 2.2 | 1.1 | 0.7 |
| 160° | 12.4 | 12.3 | 11.7 | 10.5 | 8.9 | 7.2 | 5.2 | 3.0 | 1.9 | 1.1 | 0.7 |
| 162.5° | 6.6 | 7.0 | 7.9 | 7.6 | 6.8 | 5.5 | 3.8 | 2.5 | 1.7 | 1.0 | 0.8 |
| 165° | 2.9 | 3.0 | 4.2 | 5.0 | 4.8 | 3.9 | 2.8 | 2.2 | 1.5 | 0.9 | 0.7 |
| 167.5° | 1.4 | 1.5 | 1.9 | 2.5 | 2.7 | 2.4 | 2.1 | 1.7 | 1.3 | 0.9 | 0.7 |
| 170° | 0.8 | 0.8 | 0.9 | 1.1 | 1.2 | 1.3 | 1.3 | 1.2 | 1.1 | 0.8 | 0.7 |
| 172.5° | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 |
| 175° | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 |
| 177.5° | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.7 | 0.8 |
| 180° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |



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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 2.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 |
| 5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 7.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 10° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 12.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 15° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 17.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 20° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 22.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 25° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 27.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 30° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 32.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 35° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 37.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 40° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 42.5° | 0.7 | 0.7 | 0.6 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 45° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 47.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 |
| 50° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 |
| 52.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 |
| 55° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 57.5° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 60° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 62.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 65° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 67.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 70° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 72.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 82.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 85° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 90° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 92.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 95° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 97.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 100° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 102.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 105° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 107.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 110° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 |



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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 115° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 117.5° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 120° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 122.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 125° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 127.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 130° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 132.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 135° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 137.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 140° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 142.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 145° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 147.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 150° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 |
| 152.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 155° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 157.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 160° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 162.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 165° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 167.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 170° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 172.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 175° | 0.7 | 0.7 | 0.7 | 0.4 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 177.5° | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 180° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |

(END OF REPORT)