

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P#

Luminaire Tested: P3ART02R70B2750DE010 E3LSWW1MW_3000K

Issue Date: 5/8/2026

Test Information

Test Method: LM-79-2019
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-15)
Test Lab: INNOVATION CENTER
Issue Date: 5/8/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3ART02R70B2750DE010 E3LSWW1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3LSWW1MW TRIM
Light Source: -
Ballast/Driver: -

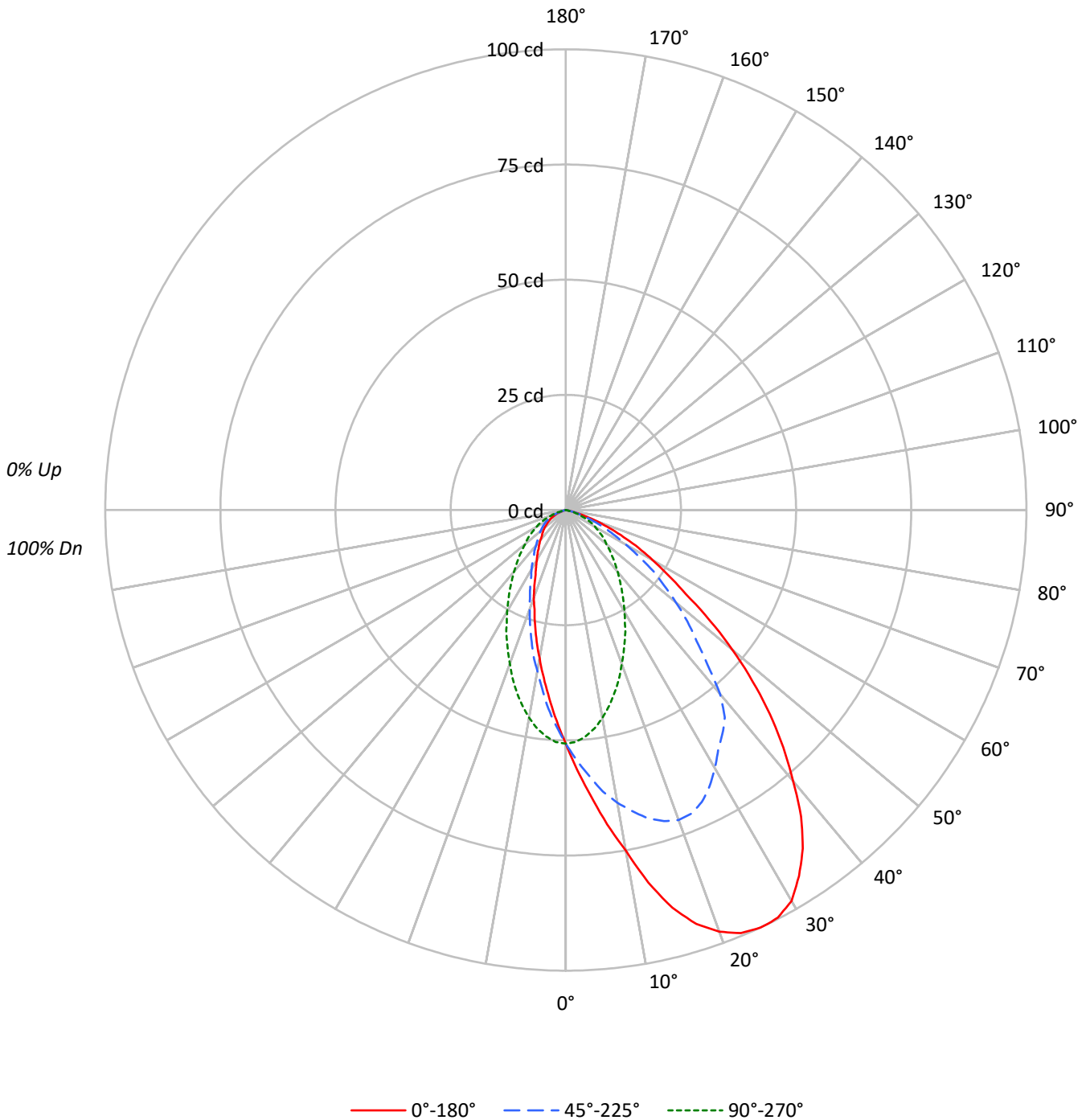
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 101.0 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 1.47 / 0.85 / 1.23
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 2.9
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: 24 FT

TEST NUMBER: P#
CATALOG NUMBER: P3ART02R70B2750DE010 E3LSWW1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: P3ART02R70B2750DE010 E3LSWW1MW_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1 | 111 | 108 | 104 | 101 | 109 | 105 | 102 | 100 | 101 | 99 | 96 | 97 | 95 | 94 | 94 | 92 | 91 | 91 | 91 | 91 | 89 |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 89 | 85 | 91 | 87 | 83 | 88 | 85 | 81 | 85 | 82 | 80 | 80 | 80 | 80 | 78 |
| 3 | 95 | 87 | 80 | 74 | 93 | 85 | 79 | 74 | 82 | 77 | 72 | 80 | 75 | 71 | 77 | 73 | 70 | 70 | 70 | 70 | 68 |
| 4 | 88 | 78 | 70 | 65 | 86 | 77 | 70 | 64 | 74 | 68 | 63 | 72 | 67 | 63 | 70 | 66 | 62 | 62 | 62 | 62 | 60 |
| 5 | 82 | 71 | 63 | 57 | 80 | 70 | 62 | 57 | 68 | 61 | 56 | 66 | 60 | 56 | 64 | 59 | 55 | 55 | 55 | 55 | 53 |
| 6 | 76 | 64 | 56 | 51 | 74 | 63 | 56 | 51 | 62 | 55 | 50 | 60 | 54 | 50 | 59 | 53 | 49 | 49 | 49 | 49 | 47 |
| 7 | 71 | 59 | 51 | 45 | 69 | 58 | 51 | 45 | 57 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 44 | 44 | 44 | 44 | 43 |
| 8 | 66 | 54 | 46 | 41 | 65 | 53 | 46 | 41 | 52 | 46 | 41 | 51 | 45 | 41 | 50 | 44 | 40 | 40 | 40 | 40 | 39 |
| 9 | 62 | 50 | 42 | 37 | 61 | 49 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 37 | 46 | 41 | 37 | 37 | 37 | 37 | 35 |
| 10 | 59 | 46 | 39 | 34 | 57 | 46 | 39 | 34 | 45 | 38 | 34 | 44 | 38 | 34 | 43 | 38 | 34 | 34 | 34 | 34 | 32 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|-------|-------|-------|-------|-------|
| 0° | 11118 | 11118 | 11118 | 11118 | 11118 |
| 5° | 13691 | 12745 | 10852 | 9531 | 9025 |
| 10° | 16722 | 14362 | 10198 | 7905 | 7281 |
| 15° | 20295 | 15732 | 9308 | 6561 | 5857 |
| 20° | 22729 | 16708 | 8284 | 5344 | 4737 |
| 25° | 24195 | 16912 | 7355 | 4428 | 3750 |
| 30° | 24814 | 16382 | 6457 | 3773 | 3190 |
| 35° | 24012 | 15874 | 5675 | 3212 | 2757 |
| 40° | 21984 | 14914 | 5009 | 2863 | 2462 |
| 45° | 19444 | 12435 | 4435 | 2667 | 2233 |
| 50° | 16136 | 10644 | 3923 | 2456 | 2047 |
| 55° | 12157 | 8869 | 3632 | 2294 | 1873 |
| 60° | 9561 | 6666 | 3245 | 2149 | 1623 |
| 65° | 7160 | 4929 | 2802 | 1764 | 1349 |
| 70° | 4616 | 3142 | 2052 | 1282 | 705 |
| 75° | 1949 | 1694 | 932 | 508 | 254 |
| 80° | 379 | 379 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19444 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 4.8 | 4.8 |
| 10°-20° | 13.8 | 13.7 |
| 20°-30° | 20.2 | 20.0 |
| 30°-40° | 22.1 | 21.8 |
| 40°-50° | 19.1 | 18.9 |
| 50°-60° | 12.8 | 12.7 |
| 60°-70° | 6.6 | 6.5 |
| 70°-80° | 1.6 | 1.6 |
| 80°-90° | 0.0 | 0.0 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 38.9 | 38.5 |
| 0°-40° | 61.0 | 60.3 |
| 0°-60° | 92.8 | 91.9 |
| 0°-90° | 101.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 101.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 51 | 51 | 51 | 51 | 51 | |
| 5° | 62 | 58 | 49 | 43 | 41 | 6 |
| 15° | 89 | 69 | 41 | 29 | 26 | 25 |
| 25° | 100 | 70 | 30 | 18 | 16 | 46 |
| 35° | 90 | 59 | 21 | 12 | 10 | 56 |
| 45° | 63 | 40 | 14 | 9 | 7 | 48 |
| 55° | 32 | 23 | 10 | 6 | 5 | 29 |
| 65° | 14 | 10 | 5 | 3 | 3 | 14 |
| 75° | 2 | 2 | 1 | 1 | 0 | 3 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#
 CATALOG NUMBER: P3ART02R70B2750DE010 E3LSWW1MW_3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|------|------|------|------|------|------|------|------|------|------|
| 0° | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| 2.5° | 56.4 | 56.1 | 56.1 | 55.6 | 55.0 | 54.4 | 53.6 | 52.7 | 51.8 | 51.0 | 50.4 |
| 5° | 62.2 | 62.4 | 62.2 | 61.0 | 59.6 | 57.9 | 56.1 | 54.1 | 52.1 | 50.4 | 49.3 |
| 7.5° | 68.8 | 68.8 | 67.9 | 66.5 | 64.5 | 61.6 | 58.7 | 55.3 | 52.1 | 49.3 | 47.8 |
| 10° | 75.1 | 75.1 | 73.6 | 71.3 | 68.2 | 64.5 | 60.4 | 55.9 | 51.6 | 47.6 | 45.8 |
| 12.5° | 82.8 | 82.5 | 80.8 | 77.1 | 72.5 | 67.0 | 61.6 | 55.9 | 50.7 | 45.8 | 43.5 |
| 15° | 89.4 | 89.1 | 86.8 | 82.2 | 76.2 | 69.3 | 61.9 | 55.3 | 49.0 | 43.5 | 41.0 |
| 17.5° | 94.2 | 93.7 | 91.1 | 86.2 | 79.4 | 70.8 | 62.2 | 54.1 | 47.0 | 41.0 | 38.4 |
| 20° | 97.4 | 97.1 | 94.2 | 88.5 | 81.1 | 71.6 | 61.9 | 52.7 | 45.0 | 38.4 | 35.5 |
| 22.5° | 99.4 | 98.8 | 96.0 | 89.7 | 81.1 | 71.3 | 60.7 | 50.7 | 42.4 | 35.8 | 32.9 |
| 25° | 100.0 | 99.7 | 96.3 | 89.4 | 80.2 | 69.9 | 59.0 | 48.7 | 39.8 | 33.2 | 30.4 |
| 26° | 100.0 | 99.7 | 96.3 | 89.1 | 79.6 | 69.0 | 58.2 | 47.8 | 39.0 | 32.1 | 29.5 |
| 27.5° | 99.7 | 99.4 | 95.7 | 88.2 | 78.5 | 67.6 | 56.4 | 46.1 | 37.2 | 30.7 | 27.8 |
| 30° | 98.0 | 97.4 | 93.7 | 86.2 | 75.9 | 64.7 | 53.6 | 43.5 | 34.7 | 28.1 | 25.5 |
| 32.5° | 94.2 | 93.7 | 89.7 | 82.8 | 73.0 | 61.6 | 50.4 | 40.7 | 32.1 | 25.5 | 23.2 |
| 35° | 89.7 | 89.1 | 85.1 | 78.5 | 69.0 | 59.3 | 47.0 | 37.5 | 29.2 | 23.5 | 21.2 |
| 37.5° | 83.9 | 83.1 | 79.6 | 72.8 | 64.2 | 56.7 | 44.1 | 34.4 | 26.6 | 21.2 | 19.2 |
| 40° | 76.8 | 76.5 | 73.3 | 67.0 | 58.4 | 52.1 | 42.4 | 34.4 | 24.3 | 19.2 | 17.5 |
| 42.5° | 69.9 | 69.3 | 66.5 | 61.0 | 53.3 | 45.5 | 37.2 | 32.9 | 22.6 | 17.2 | 15.8 |
| 45° | 62.7 | 62.2 | 59.6 | 55.0 | 47.8 | 40.1 | 40.1 | 28.4 | 19.5 | 15.8 | 14.3 |
| 47.5° | 55.0 | 54.4 | 52.4 | 49.0 | 42.7 | 35.8 | 29.2 | 23.2 | 17.8 | 14.0 | 12.9 |
| 50° | 47.3 | 47.6 | 45.8 | 42.4 | 37.5 | 31.2 | 25.2 | 19.5 | 15.2 | 12.6 | 11.5 |
| 52.5° | 39.5 | 39.2 | 38.1 | 35.8 | 32.4 | 26.9 | 21.5 | 16.6 | 13.2 | 11.2 | 10.6 |
| 55° | 31.8 | 32.1 | 31.5 | 30.1 | 27.2 | 23.2 | 18.0 | 14.3 | 11.7 | 10.0 | 9.5 |
| 57.5° | 26.4 | 26.6 | 25.5 | 24.6 | 22.3 | 18.9 | 14.9 | 12.0 | 10.0 | 8.9 | 8.3 |
| 60° | 21.8 | 22.1 | 21.2 | 20.1 | 18.3 | 15.2 | 12.0 | 10.0 | 8.9 | 8.0 | 7.4 |
| 62.5° | 17.8 | 17.5 | 16.9 | 15.8 | 14.3 | 12.0 | 9.7 | 8.3 | 7.4 | 6.9 | 6.6 |
| 65° | 13.8 | 13.8 | 13.2 | 12.3 | 11.2 | 9.5 | 7.7 | 6.9 | 6.3 | 5.7 | 5.4 |
| 67.5° | 10.3 | 10.3 | 9.7 | 9.2 | 8.0 | 6.9 | 6.0 | 5.4 | 5.2 | 4.6 | 4.3 |
| 70° | 7.2 | 7.2 | 6.9 | 6.6 | 5.7 | 4.9 | 4.6 | 4.0 | 3.7 | 3.4 | 3.2 |
| 72.5° | 4.6 | 4.6 | 4.6 | 4.0 | 3.7 | 3.2 | 3.2 | 2.9 | 2.6 | 2.3 | 2.3 |
| 75° | 2.3 | 2.6 | 2.3 | 2.3 | 2.0 | 2.0 | 1.7 | 1.7 | 1.4 | 1.4 | 1.1 |
| 77.5° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 80° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#
 CATALOG NUMBER: P3ART02R70B2750DE010 E3LSWW1MW_3000K

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 0° | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| 2.5° | 49.8 | 49.0 | 48.4 | 47.6 | 47.0 | 46.4 | 46.1 | 45.8 | 45.8 | 45.8 |
| 5° | 48.4 | 47.0 | 45.5 | 44.1 | 43.3 | 42.4 | 41.5 | 41.3 | 41.0 | 41.0 |
| 7.5° | 46.7 | 44.4 | 42.4 | 40.7 | 39.2 | 38.4 | 37.5 | 37.0 | 36.7 | 36.7 |
| 10° | 44.4 | 41.5 | 39.2 | 37.0 | 35.5 | 34.4 | 33.8 | 32.9 | 32.9 | 32.7 |
| 12.5° | 41.8 | 38.4 | 35.8 | 33.8 | 32.4 | 30.9 | 30.1 | 29.5 | 29.2 | 29.2 |
| 15° | 39.0 | 35.5 | 32.7 | 30.4 | 28.9 | 27.5 | 26.6 | 26.1 | 25.8 | 25.8 |
| 17.5° | 36.1 | 32.4 | 29.5 | 27.2 | 25.8 | 24.3 | 23.5 | 22.9 | 22.9 | 22.6 |
| 20° | 33.2 | 29.5 | 26.6 | 24.3 | 22.9 | 21.8 | 20.9 | 20.3 | 20.1 | 20.3 |
| 22.5° | 30.7 | 26.9 | 24.1 | 22.1 | 20.3 | 19.2 | 18.3 | 18.0 | 17.8 | 17.8 |
| 25° | 27.8 | 24.3 | 21.8 | 19.8 | 18.3 | 17.2 | 16.3 | 16.0 | 15.8 | 15.5 |
| 26° | 26.9 | 23.5 | 20.9 | 18.9 | 17.5 | 16.3 | 15.8 | 15.2 | 14.9 | 14.9 |
| 27.5° | 25.8 | 22.1 | 19.8 | 17.8 | 16.3 | 15.5 | 14.6 | 14.3 | 14.0 | 14.0 |
| 30° | 23.2 | 20.1 | 17.8 | 16.0 | 14.9 | 13.8 | 13.2 | 12.9 | 12.6 | 12.6 |
| 32.5° | 21.2 | 18.0 | 16.0 | 14.6 | 13.5 | 12.6 | 12.0 | 11.5 | 11.5 | 11.5 |
| 35° | 19.2 | 16.3 | 14.6 | 13.2 | 12.0 | 11.2 | 10.9 | 10.6 | 10.3 | 10.3 |
| 37.5° | 17.5 | 14.9 | 13.2 | 12.0 | 11.2 | 10.3 | 9.7 | 9.5 | 9.5 | 9.5 |
| 40° | 15.8 | 13.8 | 12.0 | 10.9 | 10.0 | 9.5 | 8.9 | 8.6 | 8.6 | 8.6 |
| 42.5° | 14.3 | 12.3 | 11.2 | 10.0 | 9.2 | 8.6 | 8.3 | 8.0 | 7.7 | 7.7 |
| 45° | 13.2 | 11.5 | 10.0 | 9.2 | 8.6 | 8.0 | 7.4 | 7.2 | 7.2 | 7.2 |
| 47.5° | 11.7 | 10.6 | 9.2 | 8.3 | 7.7 | 7.2 | 6.9 | 6.6 | 6.6 | 6.6 |
| 50° | 10.9 | 9.7 | 8.6 | 7.7 | 7.2 | 6.6 | 6.3 | 6.0 | 6.0 | 6.0 |
| 52.5° | 9.7 | 8.9 | 8.0 | 7.2 | 6.6 | 6.0 | 5.7 | 5.4 | 5.4 | 5.4 |
| 55° | 8.9 | 8.0 | 7.2 | 6.6 | 6.0 | 5.4 | 5.2 | 4.9 | 4.9 | 4.9 |
| 57.5° | 8.0 | 7.2 | 6.6 | 6.0 | 5.4 | 5.2 | 4.6 | 4.6 | 4.3 | 4.3 |
| 60° | 7.2 | 6.3 | 5.7 | 5.4 | 4.9 | 4.6 | 4.0 | 3.7 | 3.7 | 3.7 |
| 62.5° | 6.0 | 5.7 | 5.2 | 4.6 | 4.0 | 3.7 | 3.4 | 3.2 | 3.2 | 3.2 |
| 65° | 5.2 | 4.9 | 4.3 | 3.7 | 3.4 | 3.2 | 2.9 | 2.6 | 2.6 | 2.6 |
| 67.5° | 4.3 | 3.7 | 3.4 | 3.2 | 2.9 | 2.6 | 2.3 | 2.0 | 1.7 | 2.0 |
| 70° | 3.2 | 2.9 | 2.6 | 2.3 | 2.0 | 1.7 | 1.4 | 1.4 | 1.1 | 1.1 |
| 72.5° | 2.0 | 1.7 | 1.7 | 1.4 | 1.1 | 1.1 | 0.9 | 0.9 | 0.6 | 0.6 |
| 75° | 1.1 | 1.1 | 0.9 | 0.9 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.6 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)