

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: METALUX

Report Number: P565687

Luminaire Tested: **2SNX-30SL-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565687  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-30SL-UNV-L935-CD  
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

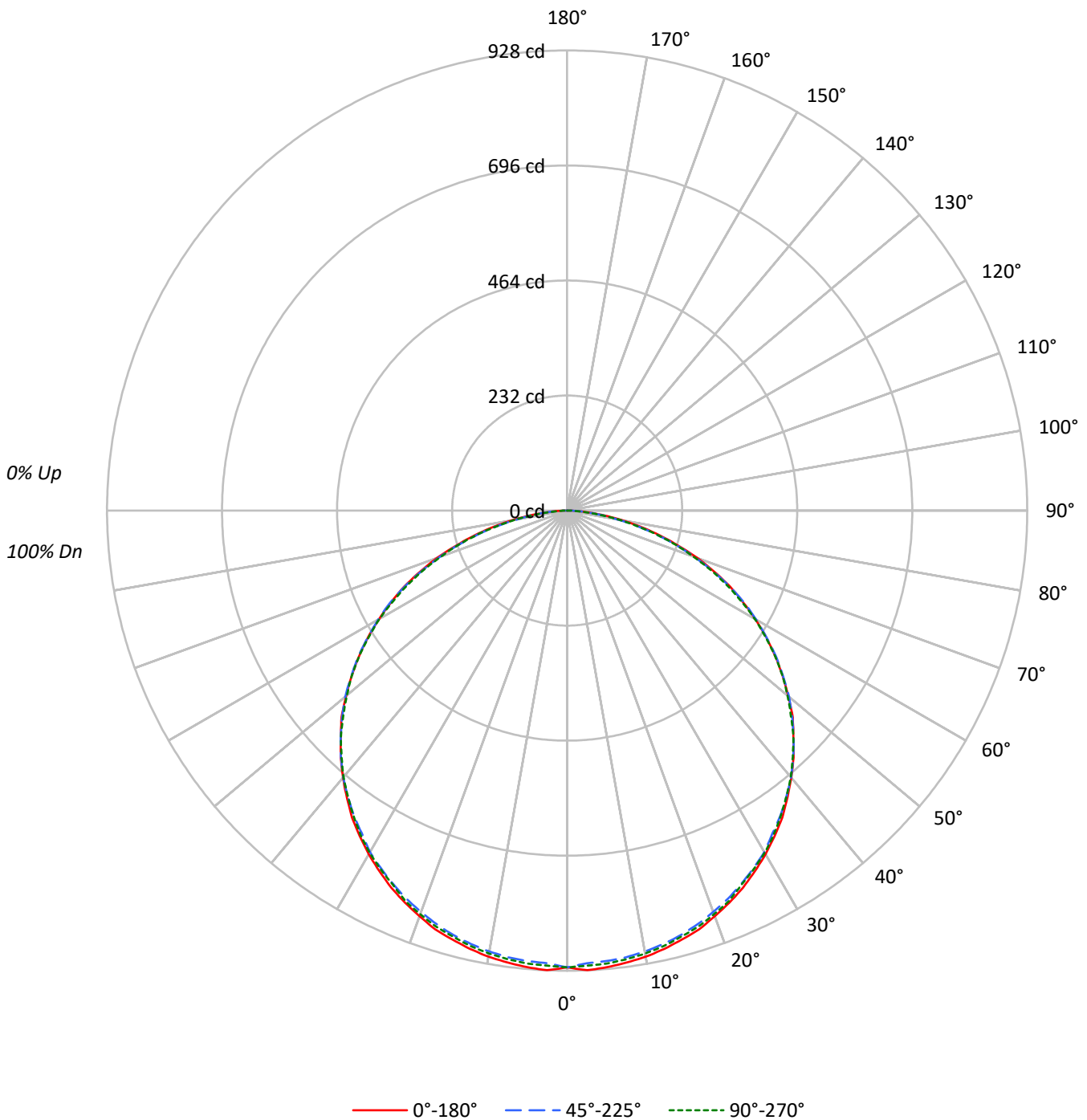
Lumens per Lamp: N/A  
Luminaire Lumens: 2754.0 lumens  
Efficiency: N/A  
Efficacy: 131.1 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 21  
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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### Luminous Intensity Polar Plot





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**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  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 109 | 104 | 99  | 95  | 106 | 101 | 98  | 94  | 97  | 94  | 91  |  | 93  | 91  | 88  |  | 90  | 88  | 86  | 83  |
| 2   | 99  | 90  | 83  | 77  | 96  | 88  | 82  | 76  | 85  | 79  | 75  |  | 81  | 77  | 73  |  | 78  | 75  | 71  | 69  |
| 3   | 90  | 79  | 71  | 64  | 87  | 77  | 70  | 63  | 74  | 68  | 62  |  | 72  | 66  | 61  |  | 69  | 64  | 60  | 58  |
| 4   | 82  | 70  | 61  | 54  | 80  | 68  | 60  | 54  | 66  | 59  | 53  |  | 64  | 57  | 52  |  | 61  | 56  | 51  | 49  |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 52  | 46  | 59  | 51  | 46  |  | 57  | 50  | 45  |  | 55  | 49  | 45  | 42  |
| 6   | 69  | 56  | 47  | 40  | 67  | 55  | 46  | 40  | 53  | 45  | 40  |  | 51  | 45  | 39  |  | 50  | 44  | 39  | 37  |
| 7   | 64  | 51  | 42  | 35  | 63  | 50  | 41  | 35  | 48  | 41  | 35  |  | 47  | 40  | 35  |  | 45  | 39  | 35  | 33  |
| 8   | 60  | 46  | 37  | 32  | 58  | 45  | 37  | 31  | 44  | 37  | 31  |  | 43  | 36  | 31  |  | 42  | 35  | 31  | 29  |
| 9   | 56  | 42  | 34  | 28  | 54  | 42  | 34  | 28  | 41  | 33  | 28  |  | 39  | 33  | 28  |  | 38  | 32  | 28  | 26  |
| 10  | 52  | 39  | 31  | 26  | 51  | 38  | 31  | 26  | 37  | 30  | 25  |  | 36  | 30  | 25  |  | 36  | 30  | 25  | 23  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 45°   | 90°   |
|-----|-------|-------|-------|
| 0°  | 19829 | 19829 | 19829 |
| 5°  | 19976 | 19708 | 19814 |
| 10° | 19971 | 19737 | 19827 |
| 15° | 19956 | 19753 | 19827 |
| 20° | 19943 | 19734 | 19849 |
| 25° | 19931 | 19734 | 19772 |
| 30° | 19889 | 19767 | 19807 |
| 35° | 19873 | 19721 | 19745 |
| 40° | 19762 | 19739 | 19717 |
| 45° | 19643 | 19670 | 19643 |
| 50° | 19502 | 19559 | 19418 |
| 55° | 19243 | 19307 | 19213 |
| 60° | 18867 | 18936 | 18828 |
| 65° | 18481 | 18353 | 18099 |
| 70° | 17567 | 17202 | 16995 |
| 75° | 16053 | 15504 | 15571 |
| 80° | 13860 | 12831 | 13141 |
| 85° | 10424 | 10028 | 8991  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 87.4   | 3.2       |
| 10°-20°   | 251.8  | 9.1       |
| 20°-30°   | 385.2  | 14.0      |
| 30°-40°   | 471.0  | 17.1      |
| 40°-50°   | 498.3  | 18.1      |
| 50°-60°   | 459.1  | 16.7      |
| 60°-70°   | 353.8  | 12.8      |
| 70°-80°   | 198.2  | 7.2       |
| 80°-90°   | 49.3   | 1.8       |
| 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°    | 724.4  | 26.3      |
| 0°-40°    | 1195.4 | 43.4      |
| 0°-60°    | 2152.8 | 78.2      |
| 0°-90°    | 2754.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2754.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 921 | 921   | 921 | 921   | 921 |      |
| 5°  | 924 | 921   | 912 | 921   | 917 | 88   |
| 15° | 895 | 894   | 886 | 894   | 890 | 253  |
| 25° | 839 | 837   | 831 | 837   | 832 | 387  |
| 35° | 756 | 755   | 750 | 753   | 751 | 472  |
| 45° | 645 | 648   | 646 | 645   | 645 | 498  |
| 55° | 513 | 517   | 514 | 514   | 512 | 458  |
| 65° | 363 | 363   | 360 | 351   | 355 | 357  |
| 75° | 193 | 190   | 186 | 180   | 187 | 205  |
| 85° | 42  | 40    | 41  | 41    | 36  | 52   |
| 90° | 0   | 0     | 0   | 0     | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 921.1 | 921.1 | 921.1 | 921.1 | 921.1 |
| 2.5°  | 927.7 | 923.6 | 913.6 | 922.7 | 918.6 |
| 5°    | 924.4 | 921.1 | 912.0 | 921.1 | 916.9 |
| 7.5°  | 919.4 | 916.9 | 908.6 | 916.9 | 912.8 |
| 10°   | 913.6 | 911.1 | 902.9 | 911.1 | 907.0 |
| 12.5° | 905.3 | 903.7 | 895.4 | 903.7 | 899.5 |
| 15°   | 895.4 | 893.7 | 886.3 | 893.7 | 889.6 |
| 17.5° | 885.5 | 882.1 | 874.7 | 883.0 | 879.7 |
| 20°   | 870.5 | 868.9 | 861.4 | 868.9 | 866.4 |
| 22.5° | 855.6 | 854.0 | 847.4 | 854.0 | 852.3 |
| 25°   | 839.1 | 837.4 | 830.8 | 837.4 | 832.4 |
| 27.5° | 820.0 | 820.8 | 813.4 | 817.5 | 815.1 |
| 30°   | 800.1 | 800.1 | 795.2 | 796.8 | 796.8 |
| 32.5° | 778.6 | 778.6 | 771.2 | 776.1 | 775.3 |
| 35°   | 756.2 | 754.6 | 750.4 | 752.9 | 751.3 |
| 37.5° | 729.7 | 728.9 | 726.4 | 728.1 | 726.4 |
| 40°   | 703.2 | 704.1 | 702.4 | 701.6 | 701.6 |
| 42.5° | 675.9 | 677.6 | 675.1 | 674.2 | 673.4 |
| 45°   | 645.2 | 647.7 | 646.1 | 645.2 | 645.2 |
| 47.5° | 617.1 | 617.9 | 615.4 | 614.6 | 612.1 |
| 50°   | 582.3 | 585.6 | 584.0 | 582.3 | 579.8 |
| 52.5° | 547.5 | 552.5 | 549.2 | 547.5 | 547.5 |
| 55°   | 512.7 | 516.9 | 514.4 | 514.4 | 511.9 |
| 57.5° | 476.3 | 480.4 | 477.1 | 477.1 | 473.8 |
| 60°   | 438.2 | 442.3 | 439.8 | 437.3 | 437.3 |
| 62.5° | 400.1 | 403.4 | 402.6 | 398.4 | 395.9 |
| 65°   | 362.8 | 362.8 | 360.3 | 351.2 | 355.3 |
| 67.5° | 320.6 | 319.7 | 316.4 | 307.3 | 313.1 |
| 70°   | 279.1 | 279.1 | 273.3 | 262.6 | 270.0 |
| 72.5° | 234.4 | 236.9 | 229.4 | 222.0 | 229.4 |
| 75°   | 193.0 | 190.5 | 186.4 | 179.7 | 187.2 |
| 77.5° | 153.2 | 149.1 | 144.1 | 140.8 | 145.0 |
| 80°   | 111.8 | 109.3 | 103.5 | 103.5 | 106.0 |
| 82.5° | 76.2  | 73.7  | 69.6  | 70.4  | 67.1  |
| 85°   | 42.2  | 39.8  | 40.6  | 40.6  | 36.4  |
| 87.5° | 17.4  | 17.4  | 17.4  | 15.7  | 14.1  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)