

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: STREETWORKS

Report Number: P153625

Luminaire Tested: **TMU-F02-LED-E-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P153625
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: TMU-F02-LED-E-U-SLR
Description: TALON MEDIUM LED AREA LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4594 lumens
Efficiency: N/A
Efficacy: 83.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 55
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: 28.75 FT

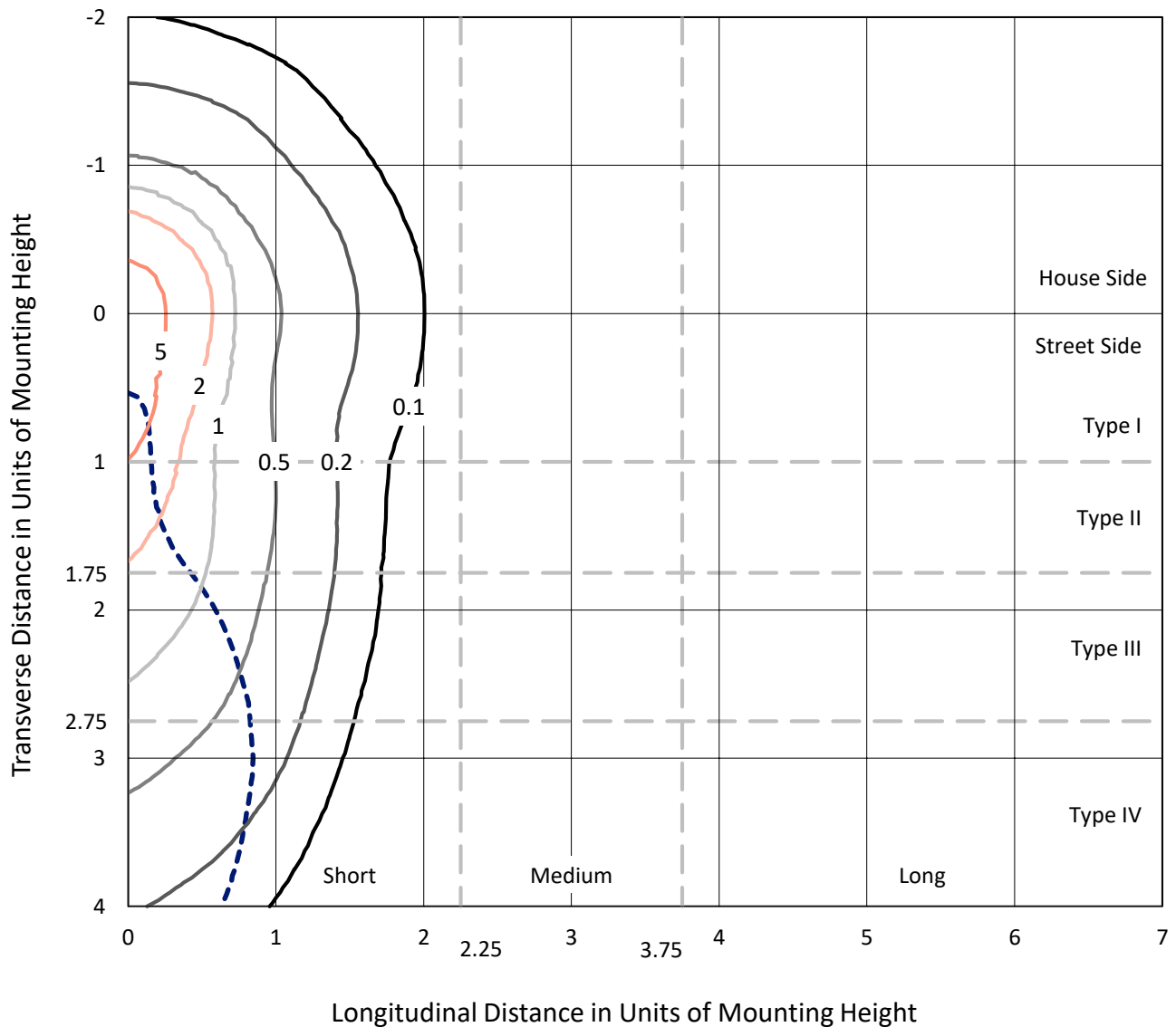


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

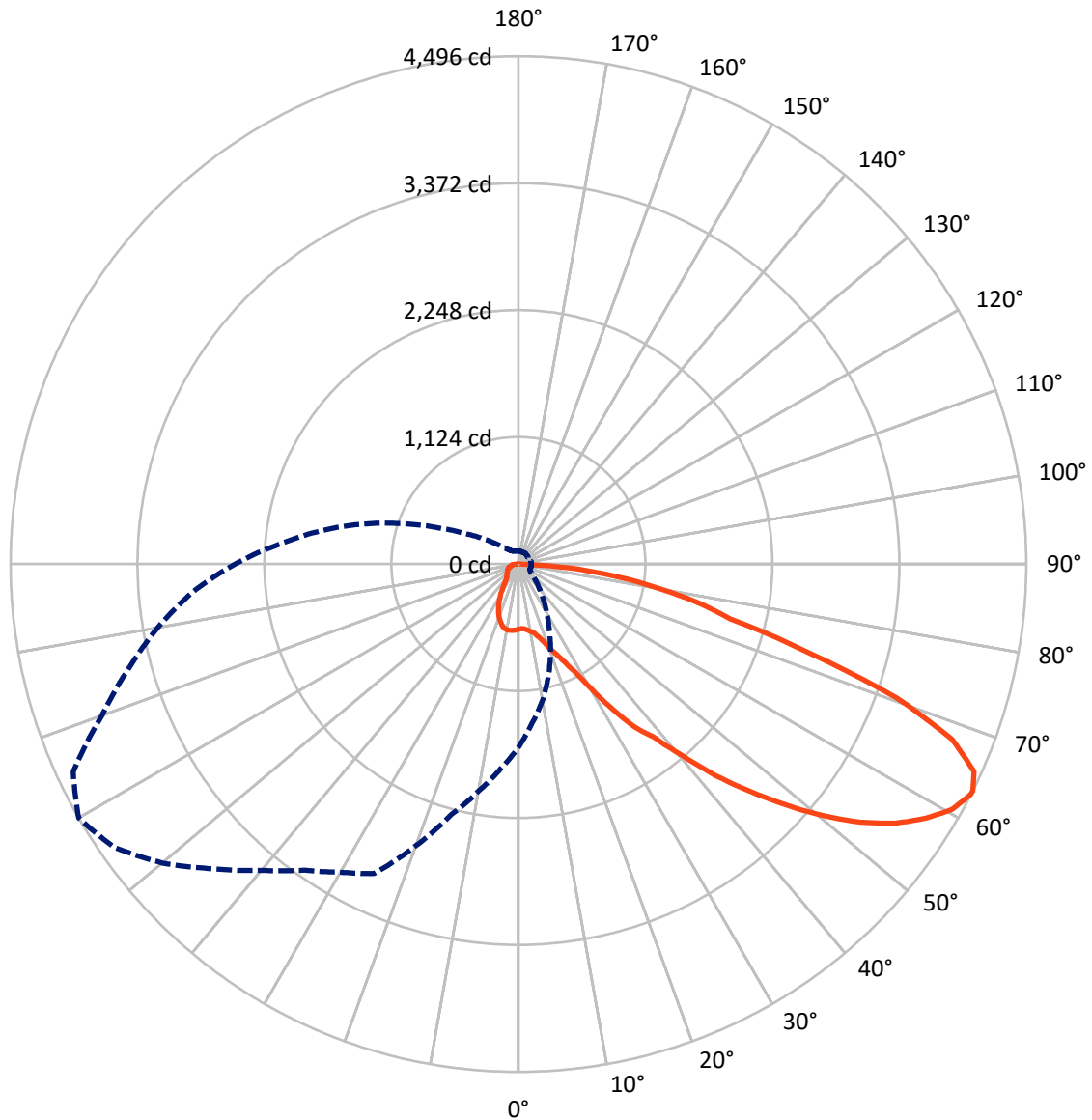


Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 996.2 | 0.0 | 996.2 |
| | % Fixture | 21.7 | 0.0 | 21.7 |
| Street Side | Lumens | 3597.8 | 0.0 | 3597.8 |
| | % Fixture | 78.3 | 0.0 | 78.3 |
| Total | Lumens | 4594.0 | 0.0 | 4594.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 56.2 | 1.2 |
| 10°-20° | 175.0 | 3.8 |
| 20°-30° | 310.9 | 6.8 |
| 30°-40° | 489.7 | 10.7 |
| 40°-50° | 720.6 | 15.7 |
| 50°-60° | 957.2 | 20.8 |
| 60°-70° | 1054.4 | 23.0 |
| 70°-80° | 661.5 | 14.4 |
| 80°-90° | 168.5 | 3.7 |
| 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°-90° | 4594.0 | 100.0 |
| 0°-180° | 4594.0 | 100.0 |



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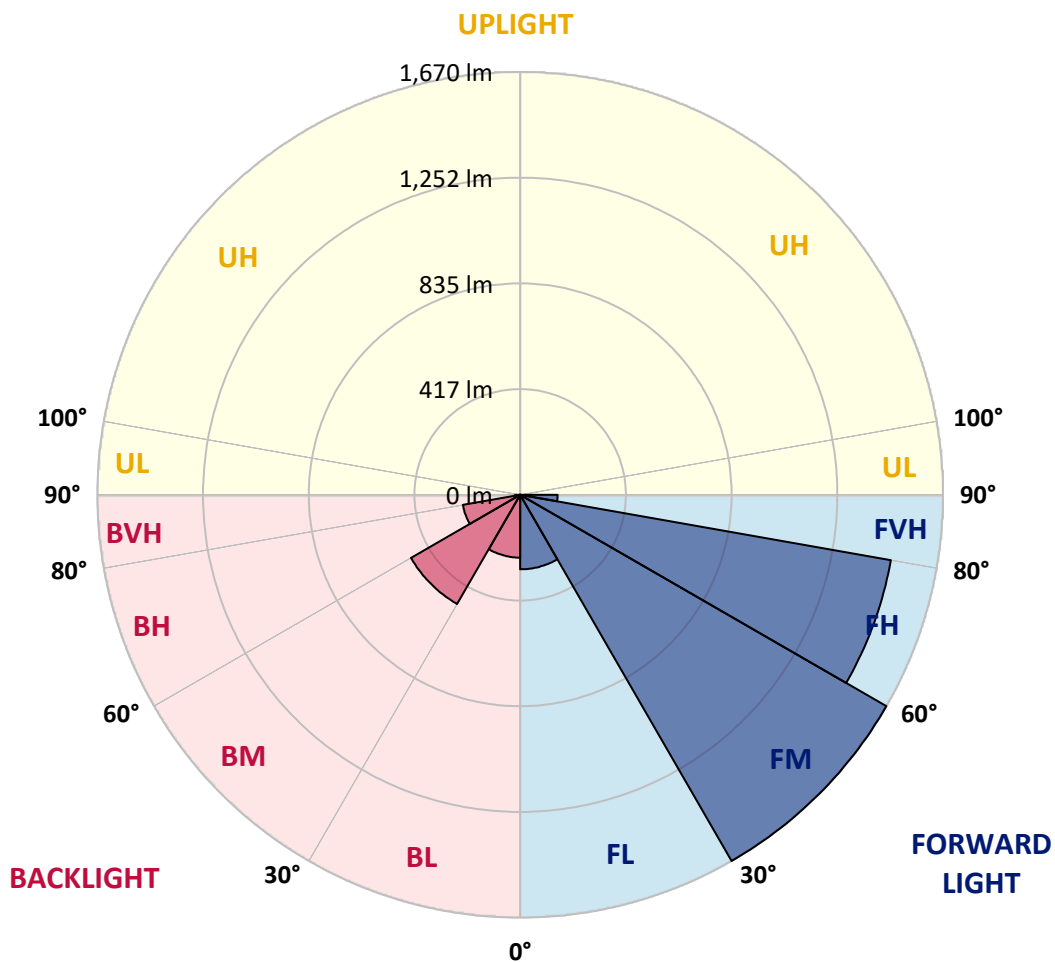
CATALOG NUMBER: TMU-F02-LED-E-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 294.2 | 6.4 | | | |
| FM | (30°-60°) | 1669.6 | 36.3 | | | |
| FH | (60°-80°) | 1486.2 | 32.4 | | | G1/1800 |
| FVH | (80°-90°) | 147.9 | 3.2 | | | G2/225 |
| BL | (0°-30°) | 248.0 | 5.4 | B1/500 | | |
| BM | (30°-60°) | 497.9 | 10.8 | B1/1000 | | |
| BH | (60°-80°) | 229.6 | 5.0 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 20.6 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 |
| 2.5° | 569.6 | 571.3 | 570.7 | 570.7 | 571.8 | 571.3 | 571.3 | 571.8 | 571.8 | 573.5 | 575.7 |
| 5° | 565.2 | 564.7 | 563.6 | 564.7 | 564.7 | 564.7 | 562.5 | 564.1 | 564.7 | 565.8 | 565.8 |
| 7.5° | 570.7 | 569.1 | 566.9 | 567.4 | 567.4 | 566.3 | 564.7 | 565.2 | 564.7 | 564.7 | 564.1 |
| 10° | 577.9 | 574.0 | 571.3 | 571.3 | 571.3 | 570.2 | 567.4 | 569.1 | 569.1 | 568.5 | 569.1 |
| 12.5° | 590.5 | 586.1 | 582.8 | 581.7 | 581.7 | 580.1 | 577.9 | 580.1 | 579.0 | 579.0 | 577.9 |
| 15° | 611.4 | 606.5 | 602.6 | 599.3 | 599.9 | 599.9 | 597.1 | 595.5 | 593.3 | 590.5 | 585.0 |
| 17.5° | 642.8 | 637.3 | 632.4 | 629.6 | 630.2 | 626.3 | 618.6 | 610.9 | 600.4 | 590.0 | 578.4 |
| 20° | 687.4 | 685.7 | 679.1 | 676.4 | 669.8 | 660.4 | 639.0 | 620.8 | 600.4 | 580.6 | 560.8 |
| 22.5° | 764.4 | 756.7 | 750.1 | 739.7 | 717.7 | 691.8 | 656.0 | 624.1 | 592.2 | 564.1 | 537.7 |
| 25° | 867.9 | 854.1 | 821.7 | 789.8 | 744.6 | 698.4 | 650.0 | 608.7 | 569.1 | 532.2 | 499.7 |
| 27.5° | 969.7 | 927.9 | 870.1 | 812.3 | 746.3 | 685.7 | 625.2 | 576.2 | 530.0 | 489.8 | 454.0 |
| 30° | 1093.0 | 1022.6 | 933.9 | 842.6 | 749.0 | 667.6 | 594.9 | 537.7 | 484.3 | 441.9 | 404.5 |
| 32.5° | 1208.6 | 1106.8 | 990.6 | 870.7 | 755.1 | 650.5 | 560.3 | 495.3 | 440.3 | 386.9 | 350.0 |
| 35° | 1287.8 | 1155.7 | 1014.8 | 873.4 | 740.2 | 618.0 | 516.8 | 440.3 | 385.2 | 335.7 | 292.2 |
| 37.5° | 1335.1 | 1177.2 | 1015.9 | 853.6 | 705.5 | 574.0 | 461.7 | 385.8 | 335.2 | 287.8 | 253.7 |
| 40° | 1364.9 | 1182.2 | 1001.6 | 825.0 | 661.5 | 518.4 | 406.7 | 338.5 | 292.2 | 254.3 | 227.8 |
| 42.5° | 1379.2 | 1174.4 | 978.5 | 788.7 | 616.9 | 468.9 | 368.2 | 303.8 | 263.6 | 236.7 | 216.8 |
| 45° | 1381.4 | 1160.7 | 953.8 | 755.6 | 577.3 | 433.1 | 341.8 | 289.5 | 256.5 | 233.9 | 214.1 |
| 47.5° | 1381.4 | 1148.6 | 933.9 | 731.4 | 551.5 | 417.7 | 339.6 | 295.5 | 263.1 | 237.8 | 214.1 |
| 50° | 1382.5 | 1144.7 | 925.7 | 719.3 | 542.6 | 426.0 | 358.3 | 314.2 | 277.4 | 244.4 | 213.5 |
| 52.5° | 1387.4 | 1149.7 | 932.3 | 728.7 | 558.6 | 459.0 | 393.5 | 342.3 | 296.1 | 252.1 | 213.5 |
| 55° | 1398.4 | 1166.2 | 960.4 | 761.1 | 601.5 | 509.1 | 435.9 | 372.6 | 310.9 | 255.4 | 210.2 |
| 57.5° | 1429.3 | 1208.0 | 1011.5 | 823.9 | 674.7 | 566.9 | 474.4 | 394.1 | 316.5 | 252.6 | 203.6 |
| 60° | 1490.9 | 1291.1 | 1099.0 | 911.9 | 752.3 | 616.4 | 497.0 | 397.4 | 311.5 | 243.8 | 193.2 |
| 62.5° | 1589.4 | 1386.3 | 1205.3 | 1007.7 | 821.1 | 643.9 | 499.7 | 389.1 | 298.3 | 227.8 | 177.8 |
| 63° | 1623.5 | 1410.0 | 1227.8 | 1025.9 | 829.9 | 646.1 | 497.5 | 385.8 | 295.0 | 223.4 | 175.6 |
| 65° | 1718.7 | 1509.6 | 1306.0 | 1089.7 | 854.7 | 646.7 | 485.4 | 369.3 | 279.6 | 206.4 | 160.2 |
| 67.5° | 1896.5 | 1640.6 | 1404.5 | 1139.8 | 863.5 | 629.0 | 454.6 | 338.5 | 247.1 | 180.0 | 140.9 |
| 70° | 2008.8 | 1713.8 | 1442.5 | 1140.9 | 837.6 | 579.0 | 401.2 | 288.4 | 205.8 | 149.1 | 121.1 |
| 72.5° | 1979.6 | 1641.7 | 1342.3 | 1038.0 | 725.9 | 483.8 | 322.5 | 226.7 | 160.7 | 119.4 | 100.7 |
| 75° | 1695.6 | 1366.5 | 1095.2 | 804.1 | 548.7 | 355.5 | 236.1 | 161.8 | 118.9 | 93.6 | 84.2 |
| 77.5° | 1220.7 | 983.5 | 785.3 | 572.9 | 369.8 | 230.0 | 156.8 | 115.6 | 90.3 | 77.0 | 69.3 |
| 80° | 777.6 | 576.8 | 480.5 | 344.5 | 216.3 | 142.5 | 107.9 | 87.5 | 74.3 | 64.4 | 59.4 |
| 82.5° | 406.2 | 284.5 | 231.1 | 176.1 | 120.0 | 94.1 | 79.3 | 71.5 | 61.1 | 53.4 | 50.6 |
| 85° | 253.2 | 167.9 | 124.4 | 87.0 | 60.0 | 53.9 | 49.5 | 48.4 | 43.5 | 38.5 | 36.9 |
| 87.5° | 28.6 | 25.9 | 27.0 | 17.1 | 12.7 | 13.8 | 13.2 | 17.6 | 17.1 | 12.7 | 13.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: TMU-F02-LED-E-U-SLR

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 |
| 2.5° | 573.5 | 574.6 | 574.6 | 576.2 | 576.2 | 577.3 | 578.4 | 578.4 | 579.5 | 580.1 | 581.2 |
| 5° | 566.9 | 566.9 | 566.9 | 569.1 | 569.6 | 572.9 | 574.0 | 575.1 | 576.2 | 580.1 | 582.3 |
| 7.5° | 565.2 | 563.0 | 564.1 | 564.1 | 565.8 | 568.5 | 571.3 | 572.9 | 574.6 | 579.5 | 582.8 |
| 10° | 568.5 | 566.9 | 565.2 | 565.2 | 565.8 | 566.9 | 569.1 | 570.7 | 571.8 | 576.8 | 579.5 |
| 12.5° | 577.3 | 573.5 | 570.2 | 567.4 | 565.2 | 564.7 | 563.6 | 564.1 | 565.2 | 568.0 | 571.8 |
| 15° | 579.0 | 571.8 | 564.7 | 557.5 | 552.0 | 548.7 | 545.9 | 544.8 | 544.8 | 546.5 | 550.9 |
| 17.5° | 568.0 | 555.9 | 545.4 | 536.0 | 530.0 | 523.9 | 521.2 | 519.0 | 517.9 | 520.1 | 520.6 |
| 20° | 544.3 | 530.0 | 515.7 | 504.7 | 493.7 | 492.0 | 487.6 | 488.7 | 489.8 | 493.1 | 494.8 |
| 22.5° | 511.8 | 494.8 | 477.2 | 465.6 | 456.8 | 449.1 | 444.1 | 446.3 | 448.0 | 451.3 | 452.9 |
| 25° | 472.2 | 447.4 | 428.7 | 417.2 | 407.8 | 401.2 | 395.7 | 397.9 | 395.7 | 399.6 | 405.6 |
| 27.5° | 425.4 | 396.3 | 376.4 | 363.2 | 356.6 | 351.1 | 345.6 | 345.6 | 351.1 | 351.1 | 356.1 |
| 30° | 368.7 | 347.3 | 321.4 | 307.6 | 299.4 | 296.1 | 295.5 | 294.4 | 298.3 | 300.5 | 306.0 |
| 32.5° | 315.4 | 288.9 | 264.2 | 251.0 | 243.8 | 240.0 | 240.5 | 241.1 | 242.7 | 246.0 | 254.8 |
| 35° | 261.4 | 238.3 | 220.7 | 205.8 | 198.7 | 191.5 | 191.5 | 190.4 | 192.1 | 195.9 | 206.4 |
| 37.5° | 226.7 | 206.4 | 192.6 | 181.1 | 173.9 | 169.5 | 165.7 | 164.0 | 164.0 | 165.7 | 169.5 |
| 40° | 207.5 | 192.6 | 180.0 | 170.1 | 163.5 | 159.6 | 157.4 | 155.7 | 154.6 | 154.6 | 155.2 |
| 42.5° | 198.7 | 183.3 | 170.6 | 161.8 | 156.8 | 154.6 | 154.1 | 153.5 | 151.9 | 151.3 | 150.8 |
| 45° | 194.3 | 176.7 | 162.4 | 155.2 | 151.3 | 150.2 | 150.8 | 150.8 | 150.2 | 149.1 | 146.9 |
| 47.5° | 191.0 | 170.6 | 156.3 | 149.7 | 148.0 | 148.0 | 148.0 | 148.0 | 147.5 | 146.9 | 145.3 |
| 50° | 185.5 | 161.3 | 145.8 | 140.9 | 139.8 | 139.8 | 140.3 | 140.3 | 141.4 | 140.3 | 139.2 |
| 52.5° | 179.4 | 152.4 | 137.0 | 132.6 | 132.1 | 131.5 | 131.5 | 131.5 | 132.1 | 132.1 | 131.5 |
| 55° | 172.8 | 145.8 | 132.6 | 129.3 | 129.9 | 129.3 | 128.8 | 128.2 | 128.2 | 127.7 | 126.6 |
| 57.5° | 166.2 | 140.3 | 129.3 | 127.1 | 127.7 | 127.7 | 126.6 | 125.5 | 124.9 | 123.3 | 122.2 |
| 60° | 156.3 | 132.6 | 122.7 | 121.6 | 123.3 | 123.3 | 123.3 | 122.7 | 122.7 | 122.2 | 119.4 |
| 62.5° | 143.1 | 121.6 | 113.9 | 114.5 | 115.0 | 116.1 | 116.1 | 116.1 | 116.1 | 115.0 | 112.3 |
| 63° | 140.3 | 119.4 | 112.3 | 112.3 | 113.9 | 113.9 | 114.5 | 113.9 | 114.5 | 113.4 | 110.1 |
| 65° | 129.3 | 112.3 | 106.8 | 107.3 | 108.4 | 108.4 | 108.4 | 107.9 | 107.9 | 106.2 | 104.6 |
| 67.5° | 116.7 | 103.5 | 100.2 | 100.7 | 101.3 | 102.4 | 101.8 | 101.8 | 102.4 | 101.3 | 99.6 |
| 70° | 102.4 | 94.1 | 91.9 | 92.5 | 93.0 | 93.0 | 92.5 | 92.5 | 93.0 | 91.9 | 90.3 |
| 72.5° | 91.4 | 88.1 | 86.4 | 86.4 | 85.3 | 85.3 | 84.2 | 83.7 | 83.1 | 83.1 | 81.5 |
| 75° | 77.0 | 76.5 | 77.0 | 78.1 | 77.0 | 75.9 | 75.4 | 73.7 | 72.6 | 72.6 | 72.1 |
| 77.5° | 66.0 | 66.0 | 67.1 | 68.8 | 69.3 | 69.3 | 67.7 | 64.9 | 64.4 | 64.4 | 64.4 |
| 80° | 57.2 | 56.1 | 56.1 | 57.8 | 59.4 | 58.9 | 56.1 | 53.4 | 53.4 | 56.1 | 56.7 |
| 82.5° | 50.1 | 50.1 | 48.4 | 49.0 | 48.4 | 47.9 | 45.1 | 43.5 | 42.9 | 45.1 | 47.3 |
| 85° | 39.6 | 40.2 | 39.6 | 39.1 | 38.5 | 36.9 | 34.7 | 33.0 | 32.5 | 34.7 | 38.0 |
| 87.5° | 16.0 | 15.4 | 14.9 | 15.4 | 14.9 | 16.0 | 15.4 | 14.3 | 13.8 | 15.4 | 18.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: TMU-F02-LED-E-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 |
| 2.5° | 581.7 | 582.8 | 583.9 | 583.9 | 585.0 | 584.5 | 585.0 | 585.6 | 585.6 | 586.1 | 586.1 |
| 5° | 585.0 | 586.7 | 588.9 | 591.1 | 591.6 | 593.3 | 594.9 | 593.8 | 595.5 | 597.7 | 597.7 |
| 7.5° | 586.1 | 590.0 | 591.6 | 594.9 | 595.5 | 597.7 | 601.5 | 598.8 | 602.1 | 603.7 | 604.3 |
| 10° | 584.5 | 588.3 | 591.1 | 594.9 | 596.6 | 600.4 | 604.3 | 603.2 | 607.0 | 609.8 | 610.3 |
| 12.5° | 574.6 | 578.4 | 584.5 | 590.0 | 594.4 | 600.4 | 607.6 | 605.4 | 610.9 | 614.2 | 615.8 |
| 15° | 555.3 | 559.2 | 565.8 | 574.6 | 582.8 | 592.2 | 601.5 | 603.2 | 608.7 | 612.5 | 614.2 |
| 17.5° | 525.0 | 530.0 | 537.1 | 546.5 | 557.0 | 572.9 | 585.0 | 591.1 | 598.8 | 601.0 | 603.7 |
| 20° | 497.0 | 501.9 | 506.3 | 511.8 | 519.5 | 534.9 | 550.9 | 563.0 | 572.9 | 581.2 | 583.4 |
| 22.5° | 459.5 | 463.9 | 469.4 | 473.9 | 479.4 | 490.4 | 503.6 | 517.3 | 532.7 | 537.7 | 543.2 |
| 25° | 414.4 | 417.2 | 424.9 | 427.6 | 431.5 | 440.8 | 451.3 | 461.2 | 476.1 | 486.5 | 489.3 |
| 27.5° | 366.0 | 368.7 | 375.9 | 377.5 | 382.5 | 391.3 | 399.0 | 402.9 | 416.6 | 427.6 | 436.4 |
| 30° | 309.8 | 317.0 | 325.8 | 326.9 | 332.4 | 337.9 | 345.1 | 348.9 | 361.6 | 373.1 | 384.1 |
| 32.5° | 261.4 | 268.6 | 275.7 | 280.1 | 282.9 | 287.3 | 294.4 | 298.3 | 310.4 | 320.9 | 331.9 |
| 35° | 211.9 | 220.7 | 228.4 | 234.4 | 236.7 | 242.2 | 247.7 | 251.5 | 264.2 | 273.5 | 281.2 |
| 37.5° | 174.5 | 181.1 | 189.3 | 195.4 | 201.4 | 205.3 | 211.9 | 217.4 | 225.1 | 230.0 | 238.3 |
| 40° | 156.3 | 159.6 | 164.0 | 169.0 | 173.9 | 178.3 | 183.3 | 187.7 | 192.6 | 199.2 | 204.7 |
| 42.5° | 150.2 | 150.8 | 150.8 | 152.4 | 155.2 | 157.4 | 161.8 | 165.1 | 168.4 | 173.4 | 176.1 |
| 45° | 145.8 | 145.3 | 144.2 | 143.1 | 143.6 | 144.7 | 147.5 | 149.7 | 153.5 | 155.7 | 156.3 |
| 47.5° | 143.6 | 141.4 | 139.2 | 137.6 | 137.0 | 137.6 | 139.8 | 142.0 | 144.2 | 145.8 | 146.4 |
| 50° | 136.5 | 134.8 | 131.5 | 129.3 | 128.2 | 129.3 | 132.1 | 133.2 | 135.4 | 137.0 | 137.6 |
| 52.5° | 129.3 | 127.1 | 124.9 | 122.7 | 122.7 | 123.3 | 125.5 | 127.7 | 129.9 | 130.4 | 131.5 |
| 55° | 124.9 | 121.6 | 119.4 | 117.8 | 116.7 | 118.3 | 120.0 | 122.7 | 125.5 | 126.0 | 127.1 |
| 57.5° | 120.5 | 117.2 | 115.0 | 113.4 | 112.3 | 113.9 | 115.6 | 119.4 | 122.7 | 122.7 | 122.7 |
| 60° | 117.8 | 115.0 | 111.7 | 110.1 | 108.4 | 110.1 | 112.3 | 116.1 | 119.4 | 118.9 | 118.3 |
| 62.5° | 110.1 | 107.3 | 105.7 | 105.7 | 104.0 | 106.8 | 109.0 | 113.4 | 113.9 | 112.8 | 111.7 |
| 63° | 107.9 | 105.7 | 104.6 | 104.6 | 103.5 | 106.2 | 108.4 | 112.3 | 112.3 | 111.2 | 110.1 |
| 65° | 102.4 | 100.7 | 99.6 | 100.7 | 100.7 | 103.5 | 104.0 | 106.8 | 106.2 | 104.6 | 104.0 |
| 67.5° | 98.0 | 96.9 | 95.8 | 95.8 | 95.8 | 96.3 | 96.9 | 98.0 | 97.4 | 96.9 | 97.4 |
| 70° | 90.8 | 90.3 | 89.2 | 89.2 | 88.6 | 88.6 | 88.6 | 89.2 | 89.2 | 89.7 | 90.3 |
| 72.5° | 82.0 | 80.9 | 80.9 | 81.5 | 80.4 | 80.9 | 81.5 | 80.9 | 82.0 | 82.0 | 82.6 |
| 75° | 72.1 | 71.5 | 72.6 | 73.7 | 73.2 | 73.2 | 73.7 | 73.7 | 74.3 | 74.3 | 74.8 |
| 77.5° | 64.4 | 64.9 | 65.5 | 66.6 | 67.1 | 67.1 | 67.1 | 66.6 | 67.1 | 67.1 | 67.7 |
| 80° | 57.2 | 58.3 | 59.4 | 60.5 | 61.1 | 61.1 | 61.1 | 60.5 | 60.5 | 60.5 | 60.5 |
| 82.5° | 51.7 | 53.4 | 54.5 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 53.9 | 52.8 |
| 85° | 43.5 | 46.8 | 46.8 | 47.3 | 45.7 | 44.6 | 43.5 | 44.0 | 44.6 | 42.4 | 41.8 |
| 87.5° | 22.0 | 22.0 | 23.1 | 24.2 | 24.8 | 24.8 | 28.1 | 26.4 | 25.9 | 25.3 | 24.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P153625

CATALOG NUMBER: TMU-F02-LED-E-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 |
| 2.5° | 586.7 | 586.1 | 587.2 | 586.1 | 586.7 | 587.2 | 586.1 | 587.8 | 588.9 | 587.2 | 585.6 |
| 5° | 598.8 | 598.8 | 601.5 | 602.6 | 603.2 | 606.5 | 604.8 | 605.9 | 607.0 | 606.5 | 607.0 |
| 7.5° | 606.5 | 608.7 | 611.4 | 614.2 | 614.7 | 617.5 | 616.9 | 618.6 | 619.7 | 622.4 | 622.4 |
| 10° | 613.1 | 615.8 | 619.7 | 622.4 | 625.2 | 627.4 | 628.5 | 631.8 | 632.4 | 634.6 | 634.6 |
| 12.5° | 619.1 | 622.4 | 626.3 | 630.7 | 633.5 | 637.9 | 638.4 | 643.4 | 645.0 | 645.6 | 643.9 |
| 15° | 618.0 | 621.9 | 626.3 | 631.3 | 636.2 | 641.7 | 645.0 | 650.0 | 652.7 | 653.8 | 651.1 |
| 17.5° | 607.6 | 610.9 | 616.4 | 623.0 | 629.0 | 636.2 | 642.3 | 649.4 | 653.8 | 654.9 | 654.4 |
| 20° | 587.2 | 589.4 | 596.6 | 605.4 | 612.5 | 623.5 | 632.4 | 643.4 | 650.5 | 656.0 | 657.7 |
| 22.5° | 547.0 | 552.6 | 559.7 | 569.6 | 580.1 | 593.8 | 606.5 | 622.4 | 637.9 | 651.1 | 664.3 |
| 25° | 498.6 | 508.5 | 519.5 | 532.7 | 545.4 | 559.7 | 574.0 | 592.2 | 614.7 | 642.3 | 673.6 |
| 27.5° | 449.6 | 466.7 | 480.5 | 497.5 | 512.4 | 526.7 | 542.6 | 562.5 | 587.2 | 620.2 | 660.4 |
| 30° | 400.1 | 419.4 | 434.2 | 454.0 | 473.9 | 493.1 | 509.1 | 530.0 | 554.2 | 587.8 | 631.8 |
| 32.5° | 347.3 | 366.5 | 384.1 | 402.3 | 424.3 | 447.4 | 466.7 | 492.6 | 518.4 | 553.1 | 597.7 |
| 35° | 292.8 | 309.8 | 324.7 | 344.0 | 368.2 | 392.9 | 418.3 | 448.0 | 476.1 | 512.4 | 559.7 |
| 37.5° | 245.5 | 257.6 | 271.9 | 288.9 | 307.6 | 334.1 | 362.7 | 397.9 | 429.8 | 469.4 | 517.9 |
| 40° | 206.4 | 213.0 | 221.2 | 235.5 | 252.6 | 278.5 | 306.5 | 344.0 | 382.5 | 426.0 | 472.8 |
| 42.5° | 176.1 | 179.4 | 181.6 | 191.0 | 204.7 | 230.0 | 257.0 | 293.3 | 335.7 | 383.0 | 430.4 |
| 45° | 156.3 | 158.0 | 158.5 | 163.5 | 173.4 | 195.4 | 223.4 | 254.3 | 295.0 | 341.2 | 390.7 |
| 47.5° | 146.9 | 148.6 | 149.7 | 150.8 | 156.8 | 173.9 | 199.2 | 228.4 | 265.8 | 308.2 | 358.8 |
| 50° | 139.2 | 140.9 | 142.5 | 142.0 | 144.7 | 155.7 | 177.2 | 204.2 | 239.4 | 278.5 | 328.6 |
| 52.5° | 131.5 | 132.6 | 132.6 | 132.6 | 134.3 | 141.4 | 156.8 | 181.6 | 214.1 | 251.0 | 300.5 |
| 55° | 127.1 | 128.2 | 128.8 | 129.3 | 129.9 | 133.7 | 145.3 | 165.1 | 193.2 | 227.3 | 271.9 |
| 57.5° | 122.7 | 123.3 | 124.4 | 124.9 | 126.0 | 128.2 | 135.4 | 149.7 | 173.4 | 202.0 | 239.4 |
| 60° | 118.9 | 120.0 | 122.2 | 122.7 | 123.8 | 124.4 | 127.7 | 136.5 | 151.9 | 173.9 | 204.2 |
| 62.5° | 112.8 | 114.5 | 116.7 | 117.2 | 118.3 | 118.9 | 119.4 | 124.4 | 131.5 | 144.7 | 167.3 |
| 63° | 111.2 | 112.8 | 115.6 | 116.1 | 116.7 | 116.7 | 117.2 | 120.5 | 127.1 | 138.7 | 155.2 |
| 65° | 105.1 | 107.3 | 109.0 | 109.5 | 110.1 | 110.1 | 109.5 | 110.6 | 111.2 | 116.1 | 126.0 |
| 67.5° | 98.5 | 100.2 | 101.3 | 101.8 | 101.3 | 101.8 | 101.3 | 100.2 | 99.1 | 100.2 | 104.6 |
| 70° | 91.9 | 93.0 | 93.0 | 93.6 | 94.1 | 94.7 | 93.6 | 92.5 | 91.4 | 90.8 | 93.6 |
| 72.5° | 84.2 | 85.3 | 85.3 | 85.9 | 85.9 | 87.0 | 87.0 | 86.4 | 86.4 | 87.0 | 87.5 |
| 75° | 76.5 | 77.6 | 77.0 | 78.1 | 78.1 | 79.8 | 79.8 | 80.4 | 81.5 | 80.9 | 80.4 |
| 77.5° | 69.3 | 69.9 | 69.9 | 70.4 | 71.0 | 73.7 | 75.4 | 75.9 | 75.9 | 74.8 | 73.7 |
| 80° | 61.6 | 61.6 | 60.5 | 60.0 | 60.5 | 63.3 | 66.6 | 67.1 | 68.8 | 68.2 | 68.8 |
| 82.5° | 51.7 | 49.5 | 47.9 | 47.9 | 49.0 | 50.6 | 51.7 | 52.8 | 53.9 | 53.9 | 55.0 |
| 85° | 39.6 | 37.4 | 35.8 | 36.3 | 38.0 | 38.5 | 38.0 | 38.0 | 40.2 | 41.8 | 40.2 |
| 87.5° | 23.7 | 21.5 | 20.4 | 18.7 | 19.3 | 20.9 | 20.4 | 18.7 | 19.3 | 15.4 | 14.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P153625

CATALOG NUMBER: TMU-F02-LED-E-U-SLR

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 |
| 2.5° | 586.7 | 586.1 | 585.0 | 583.4 | 582.8 | 581.7 | 582.3 | 580.6 | 579.5 | 578.4 | 576.8 |
| 5° | 607.0 | 607.0 | 603.7 | 603.7 | 602.1 | 601.5 | 597.7 | 596.0 | 592.7 | 593.8 | 590.0 |
| 7.5° | 621.3 | 623.0 | 619.1 | 618.6 | 616.4 | 615.8 | 610.9 | 609.2 | 606.5 | 605.4 | 602.1 |
| 10° | 631.8 | 631.8 | 626.8 | 623.0 | 620.2 | 617.5 | 612.5 | 610.3 | 608.1 | 608.7 | 606.5 |
| 12.5° | 640.1 | 636.2 | 629.0 | 623.5 | 619.7 | 616.9 | 613.1 | 611.4 | 610.9 | 614.7 | 615.3 |
| 15° | 646.7 | 641.2 | 632.4 | 628.5 | 625.2 | 624.6 | 624.6 | 626.3 | 630.2 | 637.3 | 642.8 |
| 17.5° | 650.5 | 647.2 | 642.8 | 641.7 | 647.2 | 650.5 | 654.9 | 659.9 | 665.4 | 675.3 | 681.3 |
| 20° | 657.7 | 659.9 | 663.2 | 667.6 | 676.4 | 684.6 | 690.1 | 697.3 | 703.9 | 716.0 | 725.9 |
| 22.5° | 676.4 | 689.0 | 699.5 | 708.3 | 721.5 | 733.1 | 740.2 | 750.1 | 755.1 | 763.3 | 778.7 |
| 25° | 700.6 | 726.5 | 748.5 | 767.2 | 787.6 | 799.7 | 809.6 | 822.2 | 829.9 | 843.7 | 857.4 |
| 27.5° | 693.4 | 730.3 | 763.3 | 798.0 | 826.1 | 857.4 | 879.5 | 900.4 | 913.6 | 933.9 | 952.1 |
| 30° | 671.4 | 715.5 | 760.0 | 805.7 | 850.3 | 895.4 | 937.2 | 975.2 | 1004.4 | 1033.6 | 1063.3 |
| 32.5° | 641.7 | 692.3 | 746.8 | 803.0 | 861.3 | 924.0 | 981.8 | 1039.1 | 1087.5 | 1129.9 | 1171.1 |
| 35° | 607.6 | 664.8 | 721.5 | 790.9 | 862.9 | 942.7 | 1023.1 | 1102.4 | 1176.1 | 1250.9 | 1301.6 |
| 37.5° | 566.9 | 625.2 | 688.5 | 768.3 | 853.0 | 951.6 | 1053.9 | 1157.4 | 1262.0 | 1362.7 | 1450.2 |
| 40° | 523.4 | 582.8 | 649.4 | 735.8 | 831.6 | 946.1 | 1073.7 | 1213.0 | 1356.6 | 1502.5 | 1618.6 |
| 42.5° | 484.9 | 545.9 | 618.6 | 706.1 | 810.1 | 938.9 | 1089.7 | 1260.9 | 1436.4 | 1616.9 | 1787.5 |
| 45° | 447.4 | 514.6 | 591.1 | 685.2 | 800.8 | 944.4 | 1113.4 | 1305.4 | 1508.0 | 1727.0 | 1935.0 |
| 47.5° | 413.9 | 482.1 | 556.4 | 659.3 | 787.0 | 947.2 | 1136.5 | 1350.0 | 1575.7 | 1812.9 | 2060.0 |
| 50° | 383.6 | 449.6 | 522.8 | 626.3 | 765.5 | 945.5 | 1157.4 | 1390.2 | 1634.0 | 1880.5 | 2156.3 |
| 52.5° | 353.9 | 421.0 | 495.9 | 594.4 | 739.1 | 936.1 | 1167.3 | 1423.2 | 1687.9 | 1948.8 | 2233.9 |
| 55° | 324.7 | 390.7 | 466.1 | 564.1 | 704.4 | 911.9 | 1166.2 | 1444.7 | 1730.9 | 2013.2 | 2308.7 |
| 57.5° | 290.6 | 353.3 | 427.1 | 530.5 | 667.6 | 874.5 | 1149.7 | 1454.6 | 1767.7 | 2077.0 | 2398.4 |
| 60° | 248.2 | 307.1 | 378.1 | 481.6 | 619.1 | 826.6 | 1115.0 | 1449.1 | 1789.2 | 2124.4 | 2474.9 |
| 62.5° | 195.9 | 247.1 | 312.0 | 413.3 | 558.6 | 757.8 | 1050.1 | 1399.0 | 1755.1 | 2117.7 | 2510.7 |
| 63° | 184.9 | 233.3 | 296.6 | 396.8 | 532.7 | 739.1 | 1030.8 | 1379.2 | 1738.6 | 2104.0 | 2505.7 |
| 65° | 148.6 | 180.0 | 230.6 | 320.3 | 445.8 | 647.2 | 935.0 | 1277.4 | 1649.9 | 2007.1 | 2434.2 |
| 67.5° | 113.9 | 129.9 | 156.8 | 219.6 | 315.4 | 509.1 | 757.3 | 1082.5 | 1432.0 | 1767.7 | 2203.6 |
| 70° | 97.4 | 104.6 | 116.1 | 145.8 | 200.3 | 321.4 | 531.6 | 807.4 | 1110.1 | 1401.2 | 1793.0 |
| 72.5° | 88.6 | 91.9 | 98.0 | 110.6 | 137.6 | 192.6 | 339.0 | 525.6 | 755.1 | 998.9 | 1301.6 |
| 75° | 81.5 | 84.2 | 89.2 | 95.8 | 105.7 | 128.2 | 193.2 | 321.4 | 490.9 | 656.0 | 878.4 |
| 77.5° | 74.3 | 75.9 | 81.5 | 87.5 | 94.1 | 105.7 | 127.7 | 184.9 | 282.3 | 386.9 | 529.4 |
| 80° | 68.2 | 67.1 | 71.0 | 80.9 | 87.5 | 94.1 | 100.7 | 120.0 | 160.7 | 211.9 | 286.2 |
| 82.5° | 54.5 | 55.6 | 58.9 | 68.8 | 71.5 | 69.9 | 71.0 | 74.3 | 89.7 | 98.0 | 146.4 |
| 85° | 36.9 | 34.1 | 33.6 | 34.7 | 34.7 | 33.0 | 33.0 | 32.5 | 35.8 | 40.7 | 69.9 |
| 87.5° | 9.9 | 5.0 | 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 |



REPORT NUMBER: P153625
 CATALOG NUMBER: TMU-F02-LED-E-U-SLR

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 0° |
| 2.5° | 575.7 | 575.1 | 575.7 | 572.9 | 572.9 | 572.4 | 571.8 | 570.7 | 570.7 | 568.5 | 570.2 | 2.5° |
| 5° | 586.7 | 585.6 | 583.4 | 580.1 | 578.4 | 576.2 | 576.2 | 574.0 | 572.4 | 570.2 | 570.7 | 5° |
| 7.5° | 599.3 | 599.9 | 596.0 | 593.3 | 592.2 | 590.0 | 590.5 | 587.2 | 587.8 | 586.1 | 585.0 | 7.5° |
| 10° | 606.5 | 606.5 | 607.6 | 607.0 | 608.1 | 608.1 | 609.8 | 607.6 | 606.5 | 604.8 | 604.8 | 10° |
| 12.5° | 618.0 | 620.2 | 624.6 | 624.6 | 627.9 | 629.0 | 629.6 | 630.7 | 628.5 | 627.4 | 623.5 | 12.5° |
| 15° | 646.7 | 652.2 | 656.0 | 661.5 | 668.1 | 670.3 | 670.3 | 668.1 | 667.0 | 665.4 | 658.2 | 15° |
| 17.5° | 694.0 | 706.1 | 709.4 | 718.2 | 719.3 | 722.1 | 729.8 | 725.4 | 722.6 | 711.1 | 708.9 | 17.5° |
| 20° | 742.4 | 757.8 | 773.2 | 784.2 | 789.8 | 800.8 | 802.4 | 800.2 | 789.2 | 778.2 | 773.2 | 20° |
| 22.5° | 800.8 | 823.9 | 841.5 | 858.5 | 866.8 | 872.3 | 884.4 | 881.7 | 872.9 | 856.3 | 849.7 | 22.5° |
| 25° | 883.3 | 911.9 | 930.6 | 951.6 | 962.6 | 968.1 | 980.2 | 980.2 | 970.8 | 965.9 | 965.3 | 25° |
| 27.5° | 987.3 | 1022.6 | 1053.4 | 1060.5 | 1089.1 | 1095.7 | 1107.3 | 1107.3 | 1098.5 | 1092.4 | 1121.6 | 27.5° |
| 30° | 1102.9 | 1139.8 | 1193.2 | 1228.9 | 1263.6 | 1297.7 | 1297.2 | 1299.4 | 1309.8 | 1315.3 | 1328.0 | 30° |
| 32.5° | 1218.5 | 1264.2 | 1320.8 | 1398.4 | 1472.7 | 1536.0 | 1618.0 | 1670.3 | 1654.4 | 1609.8 | 1592.2 | 32.5° |
| 35° | 1358.8 | 1409.4 | 1478.2 | 1556.4 | 1692.3 | 1774.3 | 1814.0 | 1842.0 | 1845.3 | 1851.4 | 1864.0 | 35° |
| 37.5° | 1515.1 | 1599.9 | 1679.7 | 1768.3 | 1843.7 | 1943.3 | 2035.2 | 2108.9 | 2126.0 | 2160.7 | 2140.9 | 37.5° |
| 40° | 1712.7 | 1807.3 | 1891.0 | 2005.5 | 2106.7 | 2226.7 | 2358.2 | 2459.5 | 2500.2 | 2487.0 | 2388.0 | 40° |
| 42.5° | 1919.6 | 2036.8 | 2134.8 | 2269.6 | 2401.2 | 2559.7 | 2695.6 | 2837.1 | 2862.4 | 2760.6 | 2612.5 | 42.5° |
| 45° | 2110.0 | 2255.3 | 2377.0 | 2517.3 | 2678.0 | 2867.9 | 3049.5 | 3194.8 | 3189.8 | 3015.4 | 2817.2 | 45° |
| 47.5° | 2281.2 | 2459.5 | 2608.1 | 2790.8 | 2963.6 | 3189.8 | 3398.4 | 3505.7 | 3442.4 | 3236.1 | 2993.4 | 47.5° |
| 50° | 2422.6 | 2645.0 | 2828.2 | 3013.2 | 3232.8 | 3505.2 | 3706.1 | 3766.6 | 3644.4 | 3419.9 | 3164.5 | 50° |
| 52.5° | 2536.6 | 2815.6 | 3021.4 | 3234.4 | 3511.8 | 3798.5 | 3971.3 | 3948.8 | 3790.8 | 3560.2 | 3306.0 | 52.5° |
| 55° | 2632.9 | 2946.0 | 3191.5 | 3443.0 | 3787.0 | 4051.1 | 4166.1 | 4105.6 | 3884.9 | 3651.0 | 3402.8 | 55° |
| 57.5° | 2732.5 | 3072.6 | 3347.8 | 3639.5 | 4022.5 | 4249.3 | 4313.1 | 4188.7 | 3929.5 | 3685.7 | 3444.6 | 57.5° |
| 60° | 2832.1 | 3178.3 | 3485.9 | 3811.2 | 4200.8 | 4411.1 | 4393.4 | 4207.4 | 3916.3 | 3660.4 | 3416.6 | 60° |
| 62.5° | 2899.2 | 3241.0 | 3566.3 | 3916.8 | 4334.6 | 4493.6 | 4385.7 | 4140.8 | 3839.8 | 3560.8 | 3332.9 | 62.5° |
| 63° | 2900.9 | 3243.2 | 3571.2 | 3924.0 | 4349.4 | 4496.4 | 4370.9 | 4117.2 | 3815.6 | 3540.4 | 3308.2 | 63° |
| 65° | 2866.2 | 3201.9 | 3527.2 | 3891.5 | 4336.8 | 4433.1 | 4242.6 | 3977.4 | 3677.4 | 3399.5 | 3179.4 | 65° |
| 67.5° | 2689.0 | 3031.3 | 3318.6 | 3662.0 | 4110.0 | 4137.5 | 3899.2 | 3685.1 | 3415.5 | 3127.6 | 2897.6 | 67.5° |
| 70° | 2331.8 | 2616.4 | 2898.1 | 3184.9 | 3560.8 | 3555.8 | 3331.8 | 3222.8 | 2986.7 | 2658.7 | 2474.4 | 70° |
| 72.5° | 1854.7 | 2110.0 | 2308.2 | 2500.2 | 2747.9 | 2697.8 | 2553.6 | 2583.9 | 2430.9 | 2186.0 | 2076.5 | 72.5° |
| 75° | 1377.0 | 1657.7 | 1754.5 | 1832.7 | 1937.2 | 1937.8 | 1977.4 | 2063.3 | 2061.1 | 1925.1 | 1787.0 | 75° |
| 77.5° | 903.1 | 1210.2 | 1242.7 | 1305.4 | 1430.9 | 1601.5 | 1777.6 | 1967.0 | 2014.3 | 1907.0 | 1702.8 | 77.5° |
| 80° | 503.6 | 822.8 | 785.3 | 839.3 | 974.7 | 1206.4 | 1466.1 | 1675.3 | 1798.5 | 1738.6 | 1522.3 | 80° |
| 82.5° | 257.6 | 474.4 | 453.5 | 528.3 | 637.9 | 839.3 | 1011.0 | 1171.7 | 1317.0 | 1308.7 | 1226.7 | 82.5° |
| 85° | 133.7 | 259.8 | 295.5 | 334.6 | 389.6 | 461.7 | 526.7 | 573.5 | 634.0 | 740.8 | 777.1 | 85° |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 39.6 | 28.6 | 78.7 | 112.3 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



IUMBER: P153625

NUMBER: TMU-F02-LED-E-U-SLR

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 | 577.3 |
| 570.7 | 571.3 | 570.2 | 570.2 | 570.7 | 570.7 | 569.6 |
| 569.6 | 569.6 | 568.5 | 567.4 | 566.3 | 566.3 | 565.2 |
| 582.3 | 582.3 | 578.4 | 576.8 | 574.0 | 571.8 | 570.7 |
| 601.0 | 597.7 | 593.3 | 590.0 | 585.6 | 580.6 | 577.9 |
| 619.7 | 614.7 | 609.2 | 604.3 | 598.8 | 593.3 | 590.5 |
| 650.5 | 643.9 | 636.8 | 630.7 | 623.0 | 614.7 | 611.4 |
| 697.8 | 687.4 | 678.0 | 669.2 | 655.5 | 649.4 | 642.8 |
| 760.6 | 745.2 | 733.1 | 718.2 | 701.1 | 695.6 | 687.4 |
| 836.5 | 823.3 | 799.1 | 788.1 | 771.0 | 762.8 | 764.4 |
| 952.1 | 935.0 | 907.0 | 896.5 | 894.9 | 876.7 | 867.9 |
| 1102.9 | 1104.0 | 1078.1 | 1050.1 | 1034.7 | 1006.0 | 969.7 |
| 1317.5 | 1302.7 | 1272.4 | 1243.8 | 1207.5 | 1153.5 | 1093.0 |
| 1577.3 | 1544.3 | 1494.2 | 1440.8 | 1376.4 | 1293.3 | 1208.6 |
| 1831.0 | 1773.2 | 1693.4 | 1604.3 | 1511.3 | 1407.8 | 1287.8 |
| 2053.9 | 1964.2 | 1844.8 | 1742.4 | 1610.9 | 1481.5 | 1335.1 |
| 2257.5 | 2146.4 | 1992.3 | 1859.6 | 1704.4 | 1538.2 | 1364.9 |
| 2454.6 | 2313.7 | 2124.9 | 1945.5 | 1769.9 | 1576.2 | 1379.2 |
| 2642.2 | 2460.6 | 2236.6 | 2023.1 | 1817.8 | 1601.0 | 1381.4 |
| 2786.4 | 2588.3 | 2336.8 | 2079.2 | 1850.8 | 1619.7 | 1381.4 |
| 2920.2 | 2696.2 | 2413.3 | 2123.3 | 1881.6 | 1632.3 | 1382.5 |
| 3024.2 | 2772.1 | 2462.8 | 2154.6 | 1905.9 | 1641.7 | 1387.4 |
| 3099.6 | 2821.6 | 2495.8 | 2173.9 | 1923.5 | 1654.9 | 1398.4 |
| 3152.4 | 2854.1 | 2514.0 | 2190.9 | 1944.9 | 1678.0 | 1429.3 |
| 3177.7 | 2914.1 | 2544.3 | 2225.1 | 1981.8 | 1727.0 | 1490.9 |
| 3158.5 | 3007.1 | 2630.7 | 2282.9 | 2033.0 | 1803.5 | 1589.4 |
| 3150.2 | 3024.2 | 2654.3 | 2295.5 | 2044.6 | 1820.0 | 1623.5 |
| 3085.8 | 3041.2 | 2751.7 | 2359.4 | 2099.6 | 1893.2 | 1718.7 |
| 2886.0 | 2974.1 | 2833.8 | 2467.2 | 2217.9 | 2071.0 | 1896.5 |
| 2627.4 | 2874.5 | 2818.9 | 2481.0 | 2293.3 | 2216.8 | 2008.8 |
| 2317.5 | 2573.4 | 2521.7 | 2297.7 | 2210.2 | 2218.5 | 1979.6 |
| 1823.9 | 2015.9 | 1981.8 | 1903.1 | 1920.7 | 1981.3 | 1695.6 |
| 1461.2 | 1435.3 | 1356.6 | 1362.1 | 1463.9 | 1534.9 | 1220.7 |
| 1193.7 | 966.4 | 864.0 | 866.8 | 1044.6 | 1118.3 | 777.6 |
| 1135.9 | 914.1 | 744.6 | 650.5 | 760.0 | 732.0 | 406.2 |
| 809.0 | 810.7 | 672.5 | 546.5 | 529.4 | 450.2 | 253.2 |
| 191.5 | 153.5 | 109.5 | 81.5 | 85.9 | 56.7 | 28.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)