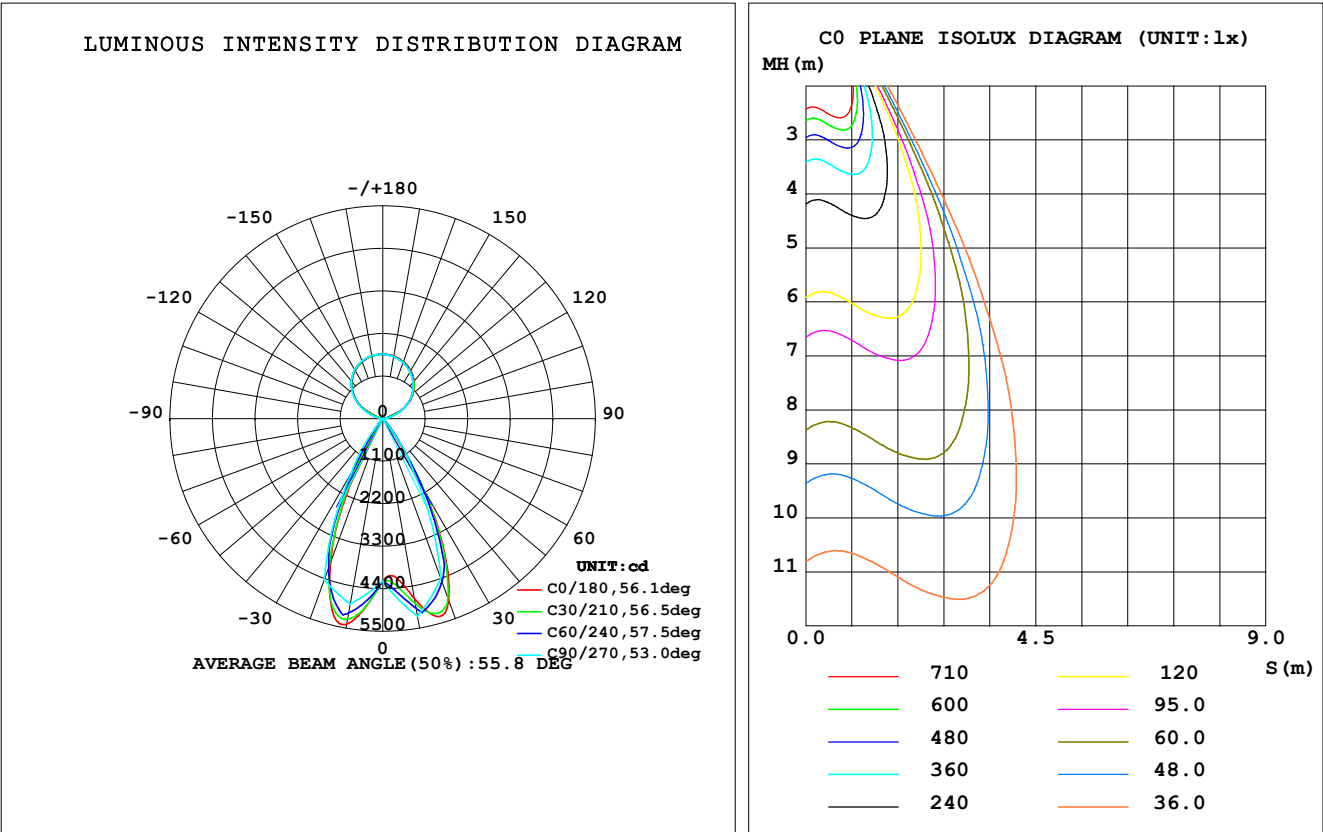


LUMINAIRE PHOTOMETRIC TEST REPORT

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

| DATA OF LAMP      |         | PHOTOMETRIC DATA      Eff: 145.85 lm/W |         |                     |            |
|-------------------|---------|----------------------------------------|---------|---------------------|------------|
| MODEL             | 2835    | I <sub>max</sub> (cd)                  | 5425    | S/MH (C0/180)       | 0.86       |
| NOMINAL POWER (W) | 54      | LOR (%)                                | 100.0   | S/MH (C90/270)      | 0.82       |
| RATED VOLTAGE (V) | 220.0   | TOTAL FLUX (lm)                        | 8109.2  | η UP, DN (C0-180)   | 27.6, 22.6 |
| NOMINAL FLUX (lm) | 8109.17 | CIE CLASS                              | DIFFUSE | η UP, DN (C180-360) | 27.6, 22.2 |
| LAMPS INSIDE      | 1       | η up (%)                               | 55.2    | CIBSE SHR NOM       | 0.50       |
| TEST VOLTAGE (V)  | 220.0   | η down (%)                             | 44.8    | CIBSE SHR MAX       | 0.55       |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225   | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|--------|--------|-------|----------|-------------|--------------|-----------|
| 5        | 4138                  | 4440  | 4694  | 4884  | 4862  | 4788   | 4532   | 4340  | 0- 5     | 106.3       | 106.3        | 1.31,1.31 |
| 10       | 4725                  | 4905  | 5187  | 5291  | 5397  | 5193   | 4864   | 4765  | 5- 10    | 347.2       | 453.5        | 5.59,5.59 |
| 15       | 5288                  | 5157  | 4790  | 5004  | 5103  | 5046   | 4648   | 5043  | 10- 15   | 599.7       | 1053         | 13,13     |
| 20       | 4985                  | 4603  | 4392  | 3794  | 3948  | 4008   | 4432   | 4452  | 15- 20   | 768.6       | 1822         | 22.5,22.5 |
| 25       | 3745                  | 3583  | 2998  | 2354  | 2403  | 2674   | 3032   | 3313  | 20- 25   | 771.8       | 2594         | 32,32     |
| 30       | 2066                  | 2190  | 1603  | 1050  | 820.4 | 1363   | 1633   | 1907  | 25- 30   | 570.5       | 3164         | 39,39     |
| 35       | 689.6                 | 956.7 | 845.2 | 314.0 | 199.2 | 484.2  | 872.3  | 789.7 | 30- 35   | 299.6       | 3464         | 42.7,42.7 |
| 40       | 190.1                 | 235.5 | 87.02 | 34.78 | 6.463 | 87.07  | 111.9  | 186.4 | 35- 40   | 116.4       | 3580         | 44.1,44.1 |
| 45       | 5.876                 | 80.25 | 52.61 | 13.06 | 3.945 | 20.16  | 56.91  | 50.76 | 40- 45   | 25.92       | 3606         | 44.5,44.5 |
| 50       | 3.959                 | 15.51 | 18.20 | 8.421 | 3.704 | 3.212  | 1.906  | 2.938 | 45- 50   | 6.649       | 3613         | 44.6,44.6 |
| 55       | 3.626                 | 12.50 | 15.01 | 7.171 | 3.795 | 2.263  | 1.632  | 2.251 | 50- 55   | 2.951       | 3616         | 44.6,44.6 |
| 60       | 3.511                 | 10.81 | 11.82 | 6.670 | 4.031 | 1.478  | 1.357  | 1.836 | 55- 60   | 2.565       | 3618         | 44.6,44.6 |
| 65       | 3.457                 | 10.27 | 10.39 | 6.788 | 4.171 | 1.384  | 1.324  | 1.803 | 60- 65   | 2.454       | 3621         | 44.6,44.6 |
| 70       | 3.493                 | 10.09 | 8.948 | 6.976 | 4.060 | 1.364  | 1.291  | 1.888 | 65- 70   | 2.452       | 3623         | 44.7,44.7 |
| 75       | 3.794                 | 10.01 | 8.441 | 7.020 | 3.498 | 1.452  | 1.297  | 2.084 | 70- 75   | 2.477       | 3626         | 44.7,44.7 |
| 80       | 4.102                 | 10.25 | 7.934 | 7.267 | 2.842 | 1.748  | 1.303  | 2.509 | 75- 80   | 2.559       | 3628         | 44.7,44.7 |
| 85       | 4.163                 | 4.279 | 0     | 3.061 | 1.213 | 0.7928 | 0      | 1.147 | 80- 85   | 2.187       | 3630         | 44.8,44.8 |
| 90       | 3.397                 | 0     | 0     | 0     | 3.710 | 0      | 0      | 0     | 85- 90   | 0.6233      | 3631         | 44.8,44.8 |
| 95       | 12.14                 | 4.748 | 0     | 4.667 | 5.937 | 5.900  | 0.0000 | 6.719 | 90- 95   | 1.141       | 3632         | 44.8,44.8 |
| 100      | 16.75                 | 51.32 | 117.0 | 51.99 | 11.52 | 43.13  | 65.01  | 47.78 | 95-100   | 13.95       | 3646         | 45,45     |
| 105      | 133.2                 | 141.0 | 256.4 | 140.1 | 64.81 | 108.7  | 201.8  | 121.4 | 100-105  | 53.12       | 3699         | 45.6,45.6 |
| 110      | 223.5                 | 359.3 | 395.9 | 356.8 | 178.1 | 301.9  | 338.7  | 334.6 | 105-110  | 117.4       | 3817         | 47.1,47.1 |
| 115      | 537.5                 | 547.0 | 557.2 | 541.0 | 353.1 | 503.1  | 523.8  | 536.4 | 110-115  | 204.2       | 4021         | 49.6,49.6 |
| 120      | 730.5                 | 715.2 | 718.5 | 694.8 | 673.0 | 687.3  | 708.9  | 716.5 | 115-120  | 297.4       | 4318         | 53.3,53.3 |
| 125      | 888.1                 | 861.4 | 856.5 | 840.7 | 839.6 | 849.4  | 865.9  | 874.8 | 120-125  | 361.4       | 4680         | 57.7,57.7 |
| 130      | 1028                  | 999.8 | 994.4 | 983.9 | 995.8 | 1009   | 1023   | 1030  | 125-130  | 405.7       | 5085         | 62.7,62.7 |
| 135      | 1154                  | 1123  | 1111  | 1108  | 1129  | 1135   | 1149   | 1157  | 130-135  | 432.2       | 5517         | 68,68     |
| 140      | 1266                  | 1241  | 1227  | 1228  | 1247  | 1258   | 1275   | 1279  | 135-140  | 441.4       | 5959         | 73.5,73.5 |
| 145      | 1362                  | 1334  | 1316  | 1321  | 1349  | 1356   | 1370   | 1375  | 140-145  | 433.3       | 6392         | 78.8,78.8 |
| 150      | 1443                  | 1421  | 1405  | 1410  | 1435  | 1447   | 1465   | 1463  | 145-150  | 409.9       | 6802         | 83.9,83.9 |
| 155      | 1513                  | 1493  | 1476  | 1485  | 1508  | 1521   | 1529   | 1535  | 150-155  | 372.2       | 7174         | 88.5,88.5 |
| 160      | 1570                  | 1550  | 1547  | 1545  | 1567  | 1577   | 1593   | 1585  | 155-160  | 322.4       | 7497         | 92.4,92.4 |
| 165      | 1613                  | 1601  | 1590  | 1598  | 1612  | 1625   | 1626   | 1628  | 160-165  | 261.7       | 7758         | 95.7,95.7 |
| 170      | 1645                  | 1632  | 1632  | 1631  | 1644  | 1649   | 1659   | 1650  | 165-170  | 192.9       | 7951         | 98.1,98.1 |
| 175      | 1664                  | 1654  | 1651  | 1654  | 1664  | 1663   | 1664   | 1663  | 170-175  | 118.1       | 8069         | 99.5,99.5 |
| 180      | 1670                  | 1670  | 1670  | 1670  | 1670  | 1670   | 1670   | 1670  | 175-180  | 39.77       | 8109         | 100,100   |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |        |        |       |          | UNIT:lm     |              |           |

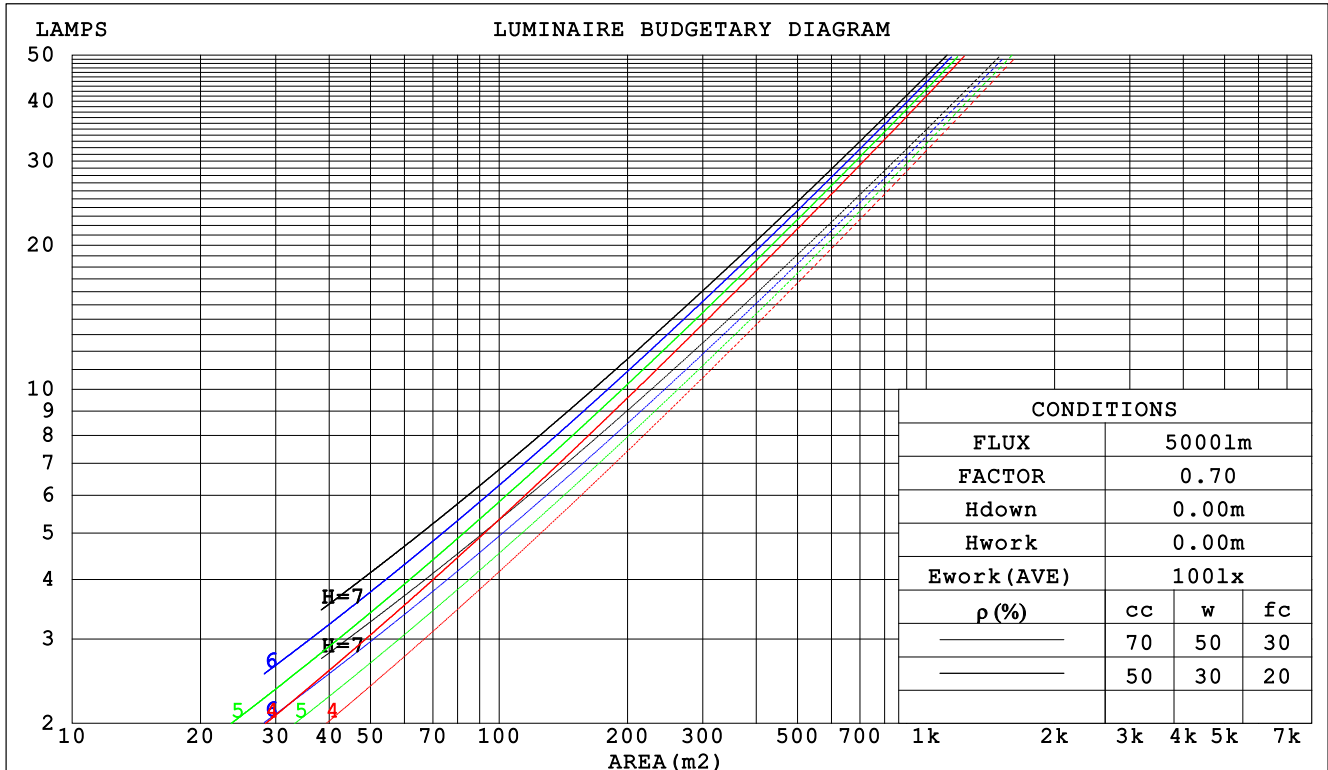
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:8.100m [K=1.2346]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

| $\rho_{cc}$           | 80%                             |      |      | 70% |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0   |
|-----------------------|---------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| $\rho_w$              | 50%                             | 30%  | 10%  | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0   |
| $\rho_{fc}$           | 20%                             |      |      | 20% |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 0   |
| RCR                   | Coefficients of Utilization(CU) |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| RCR:Room Cavity Ratio |                                 |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0.0                   | 1.06                            | 1.06 | 1.06 | .97 | .97 | .97 | .80 | .80 | .80 | .65 | .65 | .65 | .51 | .51 | .51 | .45 |
| 1.0                   | .96                             | .93  | .90  | .88 | .86 | .83 | .74 | .72 | .71 | .61 | .60 | .59 | .49 | .48 | .48 | .42 |
| 2.0                   | .87                             | .82  | .78  | .80 | .76 | .73 | .68 | .65 | .63 | .57 | .55 | .54 | .46 | .46 | .45 | .40 |
| 3.0                   | .79                             | .73  | .69  | .73 | .69 | .65 | .63 | .60 | .57 | .53 | .51 | .49 | .44 | .43 | .42 | .38 |
| 4.0                   | .72                             | .66  | .62  | .68 | .62 | .58 | .58 | .55 | .52 | .50 | .47 | .45 | .42 | .40 | .39 | .36 |
| 5.0                   | .67                             | .60  | .56  | .62 | .57 | .53 | .54 | .50 | .47 | .47 | .44 | .42 | .40 | .38 | .37 | .34 |
| 6.0                   | .62                             | .55  | .51  | .58 | .52 | .48 | .51 | .47 | .44 | .44 | .41 | .39 | .38 | .36 | .35 | .32 |
| 7.0                   | .57                             | .51  | .46  | .54 | .48 | .44 | .48 | .43 | .40 | .42 | .39 | .36 | .36 | .34 | .33 | .30 |
| 8.0                   | .53                             | .47  | .43  | .50 | .45 | .41 | .45 | .40 | .38 | .39 | .36 | .34 | .34 | .32 | .31 | .29 |
| 9.0                   | .50                             | .44  | .39  | .47 | .42 | .38 | .42 | .38 | .35 | .37 | .34 | .32 | .33 | .31 | .29 | .27 |
| 10.0                  | .47                             | .41  | .37  | .44 | .39 | .35 | .40 | .36 | .33 | .35 | .32 | .30 | .31 | .29 | .28 | .26 |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:8.100m [K=1.2346]  
Remarks:

## WEC AND CCEC

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
| 1.0  | .215                  | .122 | .039 | .192 | .109 | .035 | .148                             | .085 | .027 | .107 | .062 | .020 | .070 | .041 | .013 |   |
| 2.0  | .200                  | .110 | .034 | .179 | .098 | .030 | .139                             | .077 | .024 | .102 | .057 | .018 | .068 | .038 | .012 |   |
| 3.0  | .186                  | .099 | .030 | .167 | .089 | .027 | .130                             | .071 | .021 | .097 | .053 | .016 | .066 | .036 | .011 |   |
| 4.0  | .174                  | .090 | .027 | .156 | .082 | .024 | .123                             | .065 | .019 | .092 | .049 | .015 | .063 | .034 | .010 |   |
| 5.0  | .163                  | .083 | .024 | .147 | .075 | .022 | .116                             | .061 | .018 | .088 | .046 | .014 | .061 | .033 | .010 |   |
| 6.0  | .153                  | .077 | .022 | .138 | .070 | .020 | .110                             | .056 | .016 | .084 | .043 | .013 | .059 | .031 | .009 |   |
| 7.0  | .145                  | .072 | .020 | .131 | .065 | .019 | .105                             | .053 | .015 | .080 | .041 | .012 | .057 | .029 | .009 |   |
| 8.0  | .137                  | .067 | .019 | .124 | .061 | .017 | .099                             | .050 | .014 | .076 | .039 | .011 | .055 | .028 | .008 |   |
| 9.0  | .130                  | .063 | .018 | .118 | .057 | .016 | .095                             | .047 | .013 | .073 | .037 | .011 | .053 | .027 | .008 |   |
| 10.0 | .123                  | .059 | .016 | .112 | .054 | .015 | .091                             | .044 | .012 | .070 | .035 | .010 | .051 | .026 | .007 |   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .611                  | .611 | .611 | .522 | .522 | .522 | .357                                       | .357 | .357 | .205 | .205 | .205 | .065 | .065 | .065 |   |
| 1.0  | .598                  | .581 | .566 | .512 | .499 | .487 | .350                                       | .343 | .337 | .201 | .199 | .196 | .065 | .064 | .063 |   |
| 2.0  | .587                  | .559 | .536 | .503 | .482 | .464 | .345                                       | .333 | .323 | .199 | .194 | .190 | .064 | .063 | .062 |   |
| 3.0  | .578                  | .543 | .516 | .495 | .469 | .447 | .340                                       | .325 | .314 | .196 | .190 | .185 | .063 | .062 | .061 |   |
| 4.0  | .570                  | .531 | .501 | .489 | .458 | .435 | .336                                       | .319 | .306 | .194 | .187 | .181 | .063 | .061 | .060 |   |
| 5.0  | .562                  | .521 | .490 | .483 | .451 | .426 | .333                                       | .315 | .301 | .193 | .185 | .179 | .062 | .060 | .059 |   |
| 6.0  | .556                  | .513 | .482 | .478 | .444 | .420 | .330                                       | .311 | .297 | .191 | .183 | .176 | .062 | .060 | .058 |   |
| 7.0  | .550                  | .506 | .476 | .473 | .439 | .415 | .327                                       | .308 | .294 | .190 | .181 | .175 | .061 | .059 | .058 |   |
| 8.0  | .545                  | .501 | .471 | .469 | .435 | .411 | .325                                       | .305 | .291 | .189 | .180 | .174 | .061 | .059 | .057 |   |
| 9.0  | .540                  | .497 | .467 | .465 | .431 | .408 | .322                                       | .303 | .289 | .188 | .179 | .173 | .061 | .059 | .057 |   |
| 10.0 | .536                  | .493 | .464 | .462 | .428 | .405 | .320                                       | .301 | .288 | .187 | .178 | .172 | .061 | .058 | .057 |   |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:8.100m [K=1.2346]  
Remarks:

## Uncorrected UGR Table

|                                                    |                  |     |     |     |       |                |     |                   |     |      |
|----------------------------------------------------|------------------|-----|-----|-----|-------|----------------|-----|-------------------|-----|------|
| NAME: CL1526-A09                                   |                  |     |     |     | TYPE: |                |     | SERIAL No.:       |     |      |
| SPEC.:                                             |                  |     |     |     | DIM.: |                |     | PROTECTION ANGLE: |     |      |
| MFR.: EVERFINE                                     |                  |     |     |     |       |                |     |                   |     |      |
| ceiling/cavity                                     | 0.7              | 0.7 | 0.5 | 0.5 | 0.3   | 0.7            | 0.7 | 0.5               | 0.5 | 0.3  |
| walls                                              | 0.5              | 0.3 | 0.5 | 0.3 | 0.3   | 0.5            | 0.3 | 0.5               | 0.3 | 0.3  |
| working plane                                      | 0.2              | 0.2 | 0.2 | 0.2 | 0.2   | 0.2            | 0.2 | 0.2               | 0.2 | 0.2  |
| Room dimensions                                    | Viewed crosswise |     |     |     |       | Viewed endwise |     |                   |     |      |
| x = 2H y = 2H                                      | 7.9              | 8.6 | 8.8 | 9.5 | 10.6  | 8.4            | 9.1 | 9.3               | 9.9 | 11.0 |
| 3H                                                 | 7.6              | 8.2 | 8.5 | 9.1 | 10.3  | 8.1            | 8.7 | 9.0               | 9.6 | 10.7 |
| 4H                                                 | 7.5              | 8.0 | 8.4 | 8.9 | 10.1  | 7.9            | 8.5 | 8.9               | 9.4 | 10.6 |
| 6H                                                 | 7.3              | 7.8 | 8.3 | 8.8 | 10.0  | 7.8            | 8.4 | 8.8               | 9.3 | 10.5 |
| 8H                                                 | 7.2              | 7.7 | 8.2 | 8.7 | 9.9   | 7.8            | 8.3 | 8.7               | 9.2 | 10.4 |
| 12H                                                | 7.2              | 7.7 | 8.2 | 8.6 | 9.8   | 7.7            | 8.2 | 8.7               | 9.1 | 10.3 |
| 4H 2H                                              | 7.4              | 8.0 | 8.4 | 8.9 | 10.1  | 7.9            | 8.5 | 8.8               | 9.4 | 10.5 |
| 3H                                                 | 7.1              | 7.6 | 8.1 | 8.5 | 9.8   | 7.6            | 8.1 | 8.6               | 9.0 | 10.2 |
| 4H                                                 | 7.0              | 7.4 | 8.0 | 8.4 | 9.6   | 7.5            | 7.9 | 8.5               | 8.9 | 10.1 |
| 6H                                                 | 6.9              | 7.2 | 7.9 | 8.2 | 9.5   | 7.4            | 7.8 | 8.4               | 8.8 | 10.1 |
| 8H                                                 | 6.8              | 7.2 | 7.8 | 8.2 | 9.5   | 7.3            | 7.7 | 8.4               | 8.7 | 10.0 |
| 12H                                                | 6.8              | 7.1 | 7.9 | 8.2 | 9.5   | 7.2            | 7.6 | 8.3               | 8.6 | 9.9  |
| 8H 4H                                              | 6.7              | 7.1 | 7.8 | 8.1 | 9.4   | 7.2            | 7.6 | 8.3               | 8.6 | 9.9  |
| 6H                                                 | 6.7              | 7.0 | 7.8 | 8.0 | 9.4   | 7.2            | 7.5 | 8.3               | 8.5 | 9.9  |
| 8H                                                 | 6.8              | 7.0 | 7.8 | 8.0 | 9.4   | 7.2            | 7.5 | 8.3               | 8.5 | 9.9  |
| 12H                                                | 6.9              | 7.1 | 8.0 | 8.2 | 9.6   | 7.1            | 7.3 | 8.2               | 8.4 | 9.8  |
| 12H 4H                                             | 6.7              | 7.0 | 7.7 | 8.0 | 9.3   | 7.1            | 7.5 | 8.2               | 8.5 | 9.8  |
| 6H                                                 | 6.7              | 6.9 | 7.7 | 8.0 | 9.3   | 7.2            | 7.4 | 8.2               | 8.5 | 9.8  |
| 8H                                                 | 6.8              | 7.0 | 7.9 | 8.0 | 9.4   | 7.2            | 7.4 | 8.3               | 8.4 | 9.8  |
| Variations with the observer position at spacings: |                  |     |     |     |       |                |     |                   |     |      |
| S = 1.0H                                           | + 2.9 / - 4.0    |     |     |     |       | + 2.8 / - 5.3  |     |                   |     |      |
| 1.5H                                               | + 5.5 / - 4.2    |     |     |     |       | + 5.4 / - 5.3  |     |                   |     |      |
| 2.0H                                               | + 0.3 / - 0.4    |     |     |     |       | + 1.3 / - 0.4  |     |                   |     |      |

CIE Pub.117 Corrected 8109 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.3)

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## UTILIZATION FACTORS TABLE

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

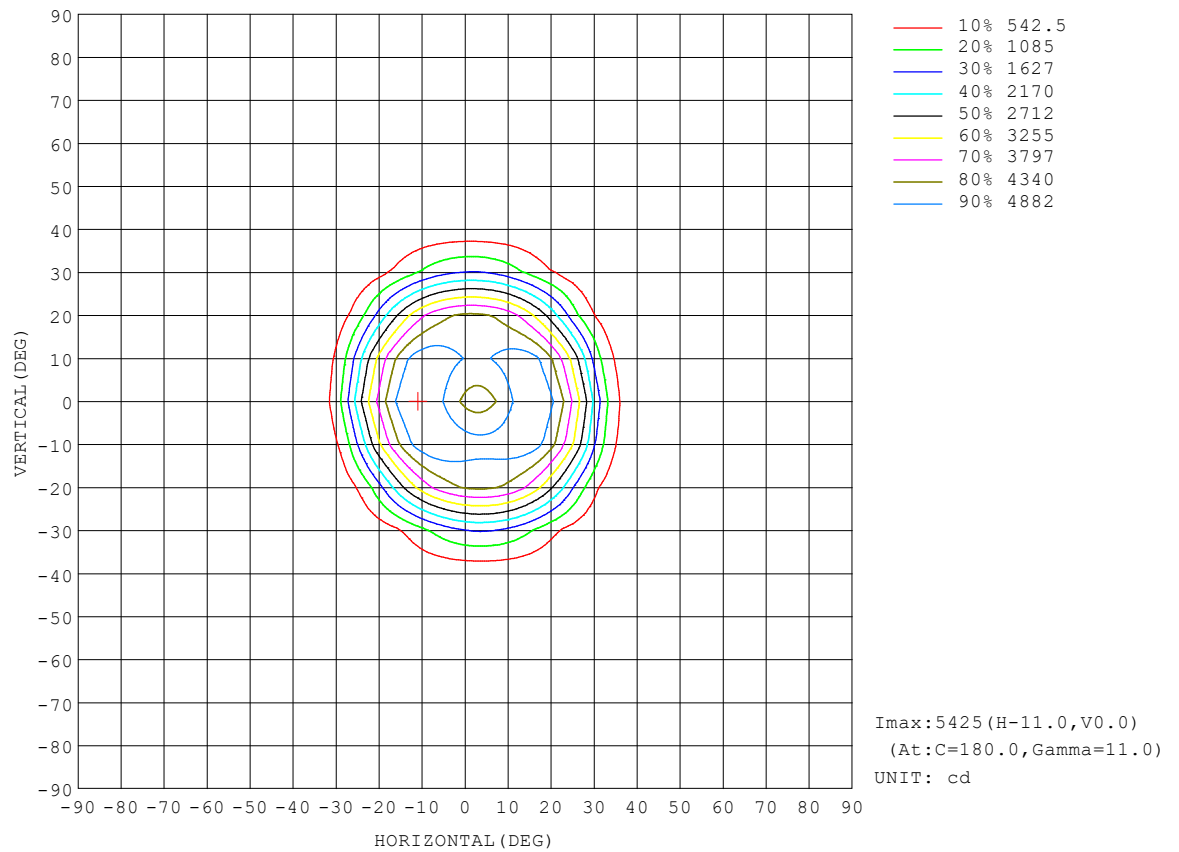
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8                                                  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7                                                  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2                                                  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 57                                                   | 49  | 45        | 55  | 48  | 44  | 50  | 45            | 41  | 35     |
| 0.80                             | 66                                                   | 57  | 52        | 62  | 55  | 50  | 56  | 50            | 47  | 38     |
| 1.00                             | 71                                                   | 63  | 57        | 67  | 60  | 55  | 59  | 54            | 51  | 40     |
| 1.25                             | 77                                                   | 68  | 63        | 72  | 65  | 60  | 63  | 58            | 55  | 41     |
| 1.50                             | 81                                                   | 73  | 67        | 75  | 69  | 64  | 65  | 61            | 58  | 42     |
| 2.00                             | 86                                                   | 78  | 73        | 80  | 74  | 69  | 68  | 64            | 61  | 43     |
| 2.50                             | 89                                                   | 83  | 77        | 83  | 77  | 73  | 70  | 67            | 64  | 43     |
| 3.00                             | 92                                                   | 86  | 81        | 85  | 80  | 76  | 72  | 69            | 66  | 44     |
| 4.00                             | 95                                                   | 90  | 86        | 88  | 84  | 80  | 74  | 72            | 69  | 44     |
| 5.00                             | 97                                                   | 93  | 90        | 90  | 86  | 83  | 75  | 73            | 71  | 45     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.2346]  
 Remarks:

## ISOCANDELA DIAGRAM

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

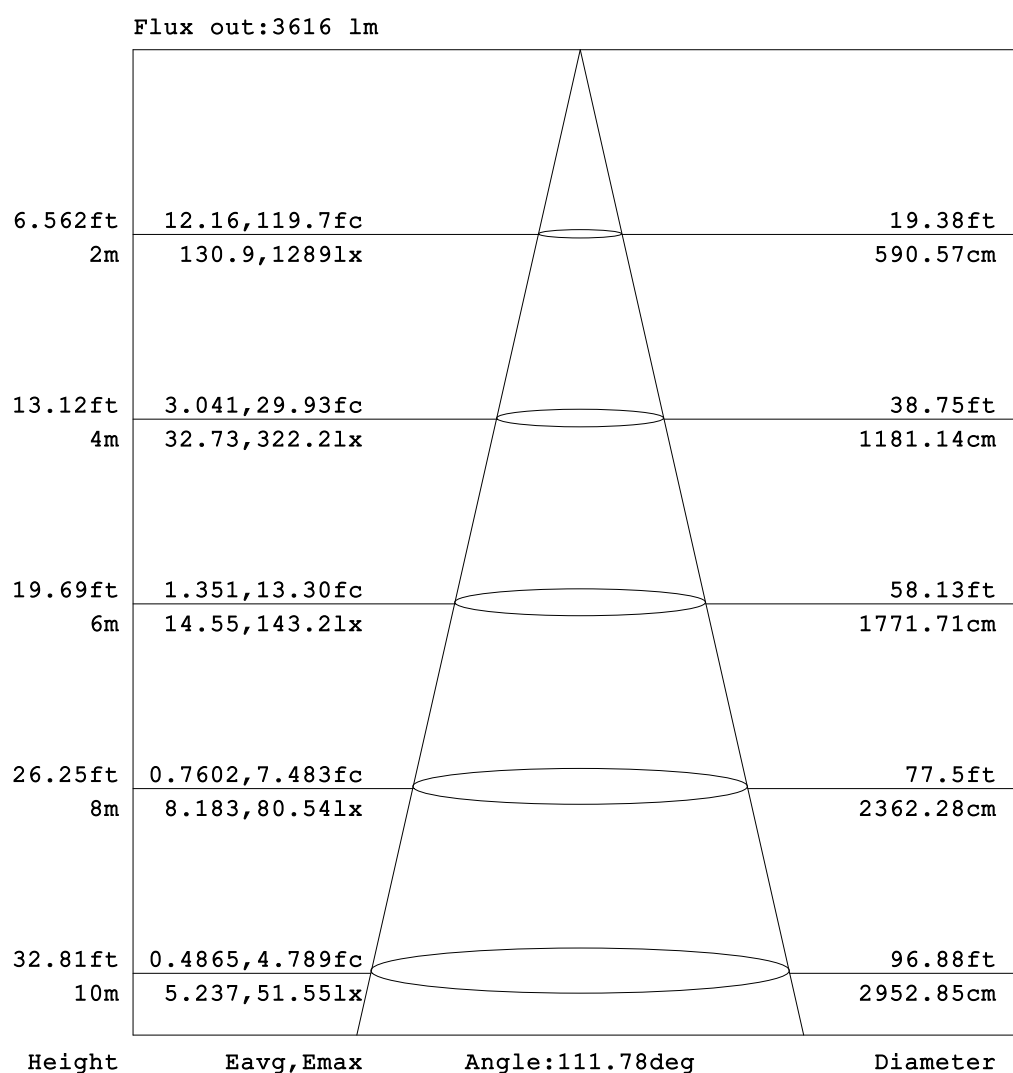


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## AAI Figure

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |



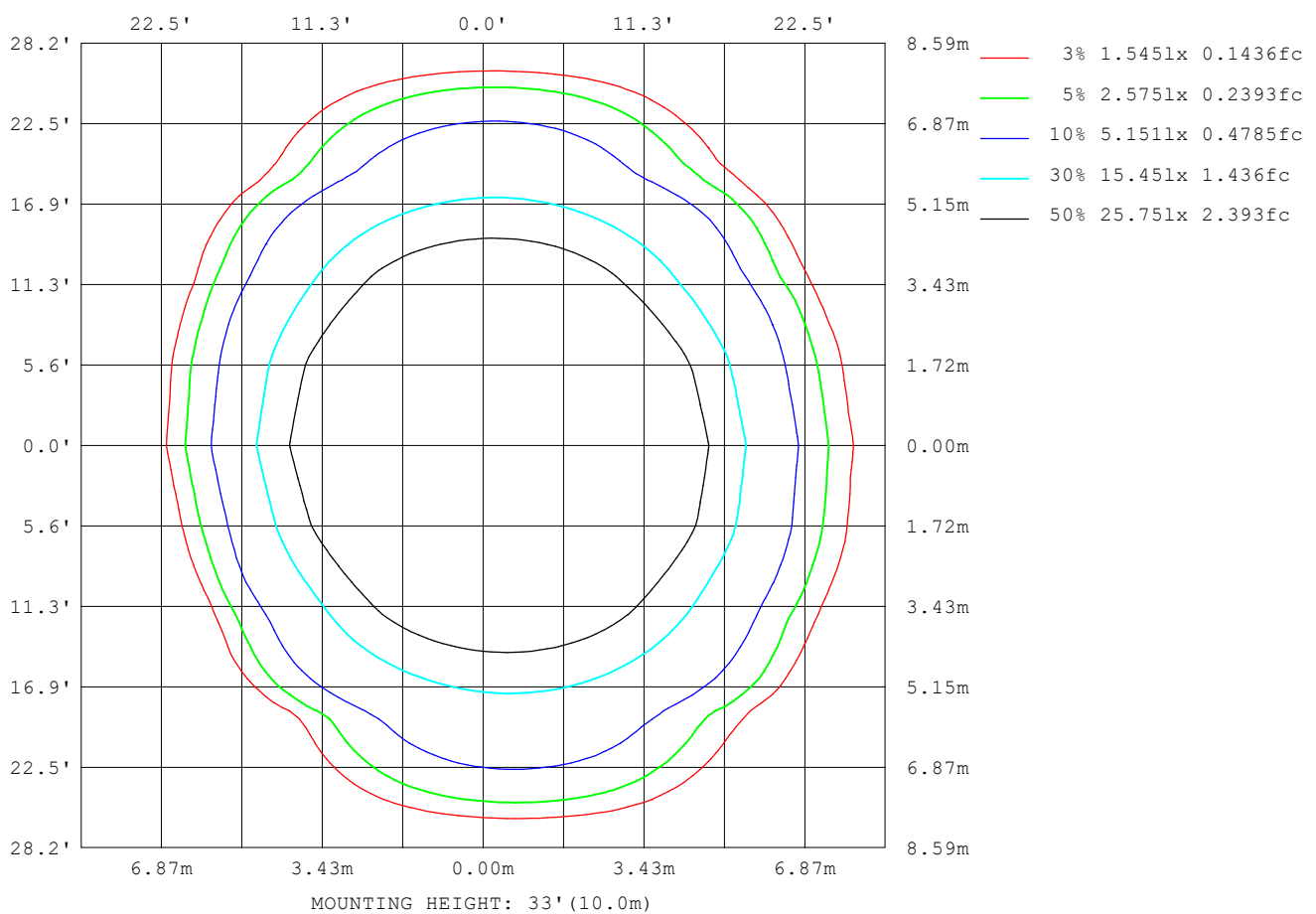
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## ISOLUX DIAGRAM

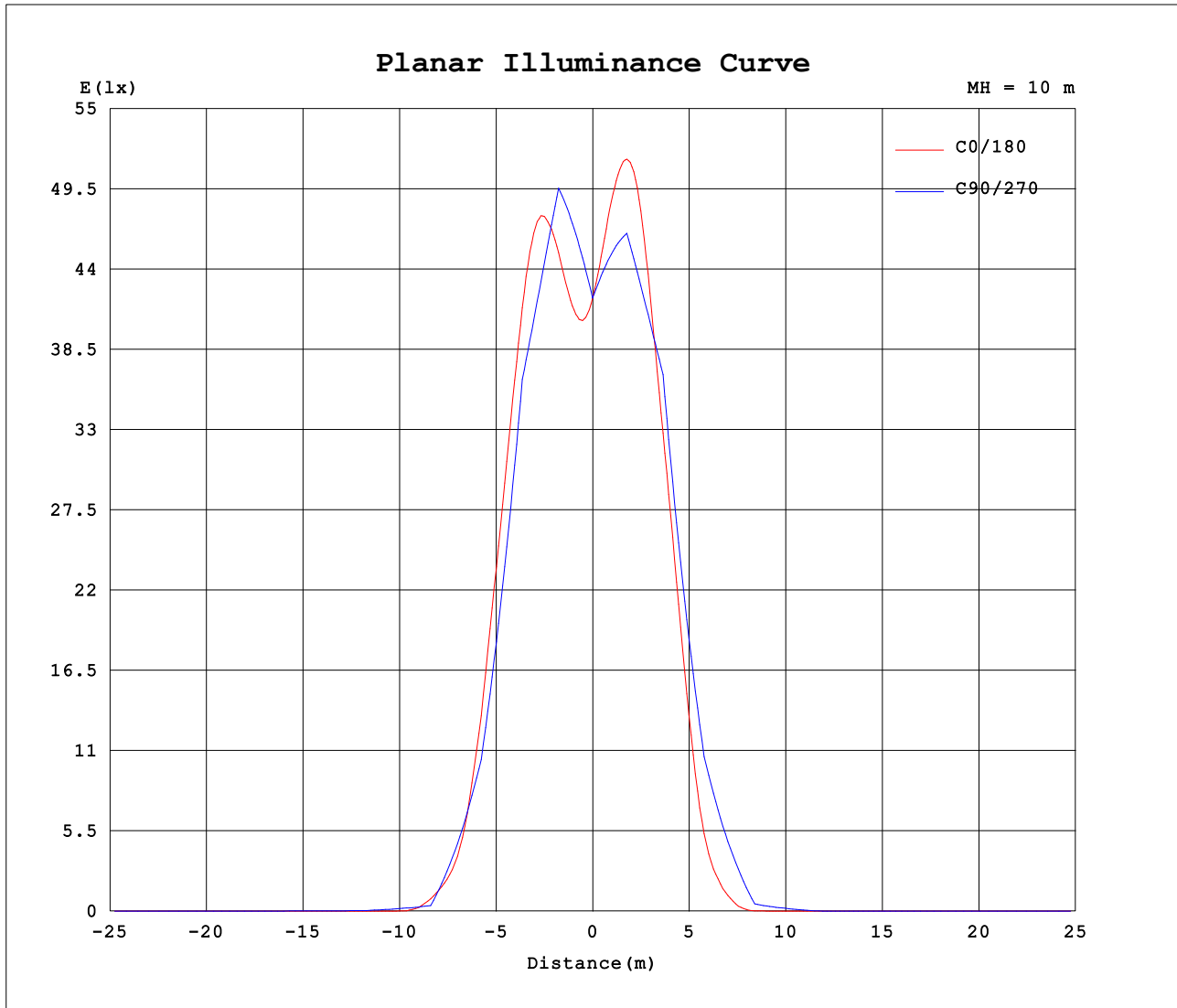
|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 |
| 5                  | 4138 | 4180 | 4219 | 4256 | 4291 | 4323 | 4354 | 4381 | 4411 | 4440 | 4467 | 4494 | 4524 | 4551 | 4581 | 4610 | 4638 | 4668 | 4694 |
| 10                 | 4725 | 4763 | 4793 | 4814 | 4831 | 4845 | 4858 | 4871 | 4887 | 4905 | 4927 | 4952 | 4979 | 5010 | 5044 | 5080 | 5116 | 5153 | 5187 |
| 15                 | 5288 | 5271 | 5251 | 5233 | 5223 | 5215 | 5218 | 5227 | 5242 | 5157 | 5056 | 4976 | 4913 | 4865 | 4830 | 4809 | 4795 | 4789 | 4790 |
| 20                 | 4985 | 4914 | 4872 | 4861 | 4875 | 4914 | 4928 | 4797 | 4687 | 4603 | 4540 | 4498 | 4480 | 4478 | 4480 | 4479 | 4470 | 4439 | 4392 |
| 25                 | 3745 | 3670 | 3654 | 3692 | 3779 | 3760 | 3665 | 3604 | 3583 | 3583 | 3607 | 3574 | 3495 | 3405 | 3319 | 3229 | 3147 | 3072 | 2998 |
| 30                 | 2066 | 2010 | 2036 | 2134 | 2197 | 2161 | 2131 | 2137 | 2192 | 2190 | 2169 | 2117 | 2054 | 1989 | 1910 | 1835 | 1755 | 1685 | 1603 |
| 35                 | 690  | 671  | 698  | 763  | 787  | 802  | 789  | 875  | 939  | 957  | 887  | 777  | 862  | 934  | 964  | 959  | 929  | 892  | 845  |
| 40                 | 190  | 184  | 198  | 213  | 226  | 226  | 247  | 262  | 263  | 235  | 282  | 318  | 342  | 335  | 292  | 224  | 158  | 109  | 87.0 |
| 45                 | 5.88 | 6.81 | 8.69 | 18.7 | 25.5 | 36.6 | 52.3 | 40.6 | 60.1 | 80.2 | 82.3 | 56.6 | 39.8 | 47.4 | 52.9 | 56.5 | 57.8 | 56.3 | 52.6 |
| 50                 | 3.96 | 4.10 | 4.45 | 5.20 | 6.30 | 7.89 | 9.83 | 13.8 | 18.3 | 15.5 | 18.0 | 21.5 | 24.0 | 25.8 | 25.7 | 24.1 | 21.4 | 19.2 | 18.2 |
| 55                 | 3.63 | 3.70 | 4.06 | 4.67 | 5.51 | 6.67 | 8.14 | 9.65 | 11.1 | 12.5 | 13.5 | 14.4 | 14.8 | 15.3 | 15.5 | 15.5 | 15.4 | 15.2 | 15.0 |
| 60                 | 3.51 | 3.57 | 4.04 | 4.66 | 5.39 | 6.49 | 7.66 | 8.81 | 9.88 | 10.8 | 11.6 | 12.2 | 12.6 | 12.7 | 12.6 | 12.4 | 12.2 | 12.0 | 11.8 |
| 65                 | 3.46 | 3.59 | 4.16 | 4.78 | 5.74 | 6.73 | 7.71 | 8.65 | 9.56 | 10.3 | 10.7 | 10.9 | 11.1 | 11.1 | 11.0 | 10.8 | 10.7 | 10.5 | 10.4 |
| 70                 | 3.49 | 3.78 | 4.49 | 5.37 | 6.35 | 7.25 | 8.25 | 9.10 | 9.76 | 10.1 | 10.3 | 10.4 | 10.3 | 10.1 | 9.80 | 9.49 | 9.26 | 9.09 | 8.95 |
| 75                 | 3.79 | 4.19 | 5.15 | 6.25 | 7.28 | 8.36 | 9.11 | 9.55 | 9.86 | 10.0 | 10.1 | 10.1 | 10.0 | 9.80 | 9.49 | 9.12 | 8.77 | 8.54 | 8.44 |
| 80                 | 4.10 | 4.70 | 6.11 | 7.52 | 8.66 | 9.28 | 9.70 | 9.96 | 10.2 | 10.3 | 10.3 | 10.3 | 10.1 | 9.84 | 9.43 | 8.91 | 8.35 | 8.00 | 7.93 |
| 85                 | 4.16 | 5.91 | 8.26 | 9.07 | 9.46 | 9.83 | 10.0 | 7.55 | 5.72 | 4.28 | 3.15 | 2.26 | 1.56 | 1.01 | 0.60 | 0.31 | 0.13 | 0.03 | 0.00 |
| 90                 | 3.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                 | 12.1 | 11.0 | 10.2 | 9.93 | 9.23 | 9.65 | 9.72 | 7.46 | 5.82 | 4.75 | 8.23 | 8.75 | 7.06 | 7.61 | 6.01 | 3.61 | 1.71 | 0.45 | 0.00 |
| 100                | 16.8 | 16.2 | 16.0 | 19.4 | 17.7 | 33.7 | 20.1 | 52.7 | 53.2 | 51.3 | 78.8 | 87.4 | 83.5 | 101  | 111  | 112  | 116  | 120  | 117  |
| 105                | 133  | 131  | 130  | 126  | 124  | 124  | 119  | 137  | 162  | 141  | 201  | 222  | 226  | 238  | 245  | 252  | 257  | 258  | 256  |
| 110                | 223  | 225  | 227  | 236  | 251  | 258  | 322  | 318  | 373  | 359  | 377  | 380  | 381  | 383  | 387  | 395  | 400  | 396  | 396  |
| 115                | 537  | 549  | 549  | 557  | 546  | 544  | 552  | 550  | 548  | 547  | 547  | 547  | 548  | 549  | 551  | 556  | 559  | 557  | 557  |
| 120                | 730  | 736  | 731  | 728  | 730  | 722  | 719  | 715  | 715  | 715  | 710  | 707  | 706  | 708  | 710  | 714  | 716  | 717  | 719  |
| 125                | 888  | 888  | 886  | 884  | 880  | 880  | 872  | 870  | 864  | 861  | 861  | 864  | 861  | 858  | 858  | 858  | 857  | 856  | 856  |
| 130                | 1028 | 1025 | 1027 | 1020 | 1019 | 1015 | 1016 | 1007 | 1003 | 1000 | 995  | 992  | 992  | 993  | 995  | 995  | 995  | 995  | 994  |
| 135                | 1154 | 1149 | 1153 | 1144 | 1143 | 1139 | 1136 | 1138 | 1129 | 1123 | 1119 | 1119 | 1117 | 1115 | 1114 | 1113 | 1112 | 1111 | 1111 |
| 140                | 1266 | 1259 | 1260 | 1256 | 1251 | 1252 | 1245 | 1242 | 1243 | 1241 | 1233 | 1229 | 1226 | 1225 | 1225 | 1225 | 1226 | 1227 | 1227 |
| 145                | 1362 | 1355 | 1353 | 1355 | 1347 | 1345 | 1345 | 1341 | 1337 | 1334 | 1334 | 1335 | 1329 | 1324 | 1321 | 1319 | 1317 | 1317 | 1316 |
| 150                | 1443 | 1437 | 1435 | 1436 | 1434 | 1429 | 1426 | 1425 | 1425 | 1421 | 1416 | 1413 | 1412 | 1410 | 1409 | 1408 | 1407 | 1406 | 1405 |
| 155                | 1513 | 1507 | 1504 | 1503 | 1505 | 1502 | 1498 | 1495 | 1493 | 1493 | 1494 | 1491 | 1487 | 1484 | 1481 | 1479 | 1478 | 1477 | 1476 |
| 160                | 1570 | 1565 | 1562 | 1560 | 1559 | 1559 | 1560 | 1556 | 1552 | 1550 | 1548 | 1547 | 1547 | 1547 | 1547 | 1547 | 1547 | 1547 | 1547 |
| 165                | 1613 | 1609 | 1606 | 1604 | 1602 | 1602 | 1601 | 1602 | 1603 | 1601 | 1598 | 1596 | 1594 | 1593 | 1592 | 1591 | 1590 | 1590 | 1590 |
| 170                | 1645 | 1642 | 1639 | 1637 | 1635 | 1634 | 1633 | 1633 | 1632 | 1632 | 1632 | 1632 | 1632 | 1632 | 1632 | 1632 | 1632 | 1632 | 1632 |
| 175                | 1664 | 1662 | 1661 | 1659 | 1658 | 1657 | 1656 | 1655 | 1654 | 1654 | 1653 | 1653 | 1652 | 1652 | 1652 | 1651 | 1651 | 1651 | 1651 |
| 180                | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity: 65.0%  
Test Distance: 8.100m [K=1.2346]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 |
| 5                  | 4724 | 4751 | 4776 | 4799 | 4820 | 4839 | 4856 | 4871 | 4884 | 4895 | 4903 | 4908 | 4910 | 4909 | 4904 | 4895 | 4881 | 4862 | 4871 |
| 10                 | 5219 | 5245 | 5265 | 5280 | 5290 | 5296 | 5295 | 5292 | 5291 | 5288 | 5290 | 5294 | 5306 | 5316 | 5333 | 5354 | 5376 | 5397 | 5377 |
| 15                 | 4795 | 4804 | 4817 | 4833 | 4857 | 4887 | 4918 | 4955 | 5004 | 5033 | 4971 | 4927 | 4899 | 4898 | 4914 | 4955 | 5019 | 5103 | 5041 |
| 20                 | 4326 | 4249 | 4160 | 4089 | 4012 | 3935 | 3882 | 3832 | 3794 | 3782 | 3799 | 3844 | 3788 | 3734 | 3723 | 3755 | 3830 | 3948 | 3871 |
| 25                 | 2931 | 2869 | 2811 | 2765 | 2706 | 2655 | 2574 | 2463 | 2354 | 2285 | 2258 | 2254 | 2248 | 2204 | 2158 | 2180 | 2259 | 2403 | 2316 |
| 30                 | 1524 | 1442 | 1384 | 1334 | 1306 | 1278 | 1237 | 1165 | 1050 | 909  | 871  | 861  | 810  | 740  | 712  | 719  | 750  | 820  | 793  |
| 35                 | 793  | 725  | 652  | 554  | 450  | 345  | 273  | 325  | 314  | 281  | 218  | 186  | 186  | 176  | 166  | 160  | 170  | 199  | 195  |
| 40                 | 91.5 | 114  | 140  | 152  | 143  | 122  | 92.7 | 60.7 | 34.8 | 44.7 | 40.6 | 25.9 | 15.2 | 14.7 | 8.10 | 7.09 | 7.01 | 6.46 | 7.83 |
| 45                 | 47.1 | 40.9 | 33.8 | 26.6 | 21.1 | 17.7 | 19.6 | 18.3 | 13.1 | 9.07 | 7.31 | 6.07 | 5.14 | 4.52 | 4.21 | 4.03 | 3.97 | 3.94 | 3.96 |
| 50                 | 18.2 | 18.5 | 18.0 | 16.6 | 14.7 | 13.0 | 11.4 | 9.92 | 8.42 | 7.04 | 5.85 | 4.93 | 4.36 | 3.97 | 3.79 | 3.73 | 3.71 | 3.70 | 3.69 |
| 55                 | 14.6 | 14.0 | 13.2 | 12.2 | 11.2 | 10.1 | 9.04 | 8.13 | 7.17 | 6.28 | 5.49 | 4.82 | 4.28 | 4.00 | 3.81 | 3.75 | 3.74 | 3.80 | 3.75 |
| 60                 | 11.5 | 11.1 | 10.7 | 10.1 | 9.52 | 8.84 | 8.12 | 7.38 | 6.67 | 6.06 | 5.53 | 5.04 | 4.62 | 4.18 | 4.05 | 3.98 | 3.96 | 4.03 | 3.99 |
| 65                 | 10.1 | 9.73 | 9.33 | 8.91 | 8.49 | 8.09 | 7.68 | 7.26 | 6.79 | 6.31 | 5.84 | 5.45 | 5.03 | 4.63 | 4.35 | 4.16 | 4.15 | 4.17 | 4.25 |
| 70                 | 8.74 | 8.50 | 8.31 | 8.11 | 7.93 | 7.76 | 7.56 | 7.30 | 6.98 | 6.68 | 6.15 | 5.70 | 5.31 | 4.77 | 4.39 | 4.14 | 4.04 | 4.06 | 4.24 |
| 75                 | 8.30 | 8.19 | 8.07 | 7.93 | 7.80 | 7.69 | 7.58 | 7.38 | 7.02 | 6.69 | 6.36 | 5.84 | 5.35 | 4.44 | 3.50 | 3.02 | 3.28 | 3.50 | 3.90 |
| 80                 | 7.88 | 7.95 | 7.96 | 7.94 | 7.87 | 7.79 | 7.70 | 7.55 | 7.27 | 6.99 | 6.75 | 6.43 | 5.51 | 4.56 | 3.90 | 2.97 | 2.13 | 2.84 | 3.14 |
| 85                 | 0.03 | 0.12 | 0.28 | 0.51 | 0.81 | 1.20 | 1.70 | 2.31 | 3.06 | 4.01 | 5.24 | 6.13 | 5.65 | 5.33 | 5.33 | 4.45 | 2.78 | 1.21 | 2.48 |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.71 | 0.00 |
| 95                 | 0.42 | 1.67 | 3.64 | 6.02 | 5.96 | 7.75 | 9.56 | 6.06 | 4.67 | 5.70 | 7.20 | 9.28 | 9.37 | 8.82 | 8.97 | 8.47 | 7.26 | 5.94 | 7.58 |
| 100                | 112  | 113  | 113  | 111  | 85.8 | 87.8 | 88.5 | 59.3 | 52.0 | 54.7 | 49.6 | 17.0 | 28.2 | 13.9 | 12.8 | 12.1 | 11.5 | 11.5 | 11.3 |
| 105                | 253  | 250  | 245  | 244  | 232  | 230  | 222  | 154  | 140  | 143  | 125  | 115  | 116  | 104  | 93.3 | 86.2 | 74.0 | 64.8 | 59.2 |
| 110                | 395  | 389  | 381  | 384  | 383  | 383  | 382  | 357  | 357  | 321  | 268  | 244  | 208  | 197  | 191  | 184  | 179  | 178  | 176  |
| 115                | 558  | 554  | 547  | 547  | 544  | 545  | 546  | 545  | 541  | 531  | 522  | 493  | 478  | 430  | 391  | 366  | 339  | 353  | 354  |
| 120                | 719  | 718  | 710  | 705  | 702  | 698  | 698  | 696  | 695  | 694  | 686  | 687  | 679  | 679  | 672  | 671  | 668  | 673  | 670  |
| 125                | 857  | 858  | 854  | 853  | 848  | 850  | 849  | 843  | 841  | 841  | 839  | 834  | 841  | 834  | 840  | 833  | 829  | 840  | 840  |
| 130                | 994  | 994  | 994  | 992  | 985  | 985  | 986  | 981  | 984  | 981  | 978  | 981  | 978  | 980  | 981  | 979  | 981  | 996  | 992  |
| 135                | 1111 | 1112 | 1113 | 1113 | 1114 | 1116 | 1116 | 1112 | 1108 | 1112 | 1115 | 1109 | 1112 | 1117 | 1112 | 1118 | 1118 | 1129 | 1125 |
| 140                | 1228 | 1227 | 1226 | 1225 | 1223 | 1222 | 1222 | 1223 | 1228 | 1226 | 1226 | 1227 | 1232 | 1229 | 1231 | 1234 | 1236 | 1247 | 1243 |
| 145                | 1316 | 1317 | 1317 | 1318 | 1319 | 1322 | 1324 | 1323 | 1321 | 1323 | 1326 | 1330 | 1328 | 1329 | 1336 | 1336 | 1340 | 1349 | 1346 |
| 150                | 1405 | 1405 | 1405 | 1405 | 1405 | 1405 | 1406 | 1407 | 1410 | 1414 | 1413 | 1414 | 1416 | 1421 | 1423 | 1423 | 1427 | 1435 | 1433 |
| 155                | 1476 | 1476 | 1477 | 1478 | 1480 | 1482 | 1485 | 1487 | 1485 | 1485 | 1486 | 1489 | 1494 | 1496 | 1495 | 1497 | 1501 | 1508 | 1506 |
| 160                | 1547 | 1546 | 1546 | 1545 | 1544 | 1544 | 1544 | 1544 | 1545 | 1547 | 1551 | 1555 | 1555 | 1554 | 1555 | 1557 | 1561 | 1567 | 1565 |
| 165                | 1590 | 1590 | 1590 | 1591 | 1591 | 1592 | 1594 | 1596 | 1598 | 1601 | 1600 | 1599 | 1599 | 1600 | 1602 | 1604 | 1608 | 1612 | 1611 |
| 170                | 1632 | 1632 | 1632 | 1632 | 1632 | 1631 | 1631 | 1631 | 1631 | 1631 | 1631 | 1632 | 1633 | 1635 | 1636 | 1638 | 1641 | 1644 | 1643 |
| 175                | 1651 | 1651 | 1651 | 1652 | 1652 | 1652 | 1653 | 1653 | 1654 | 1654 | 1655 | 1656 | 1657 | 1658 | 1659 | 1661 | 1662 | 1664 | 1663 |
| 180                | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:8.100m [K=1.2346]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

Table--3

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 |
| 5                  | 4875 | 4874 | 4869 | 4859 | 4846 | 4829 | 4810 | 4788 | 4764 | 4738 | 4711 | 4683 | 4655 | 4625 | 4595 | 4565 | 4532 | 4507 | 4480 |
| 10                 | 5354 | 5330 | 5307 | 5288 | 5263 | 5241 | 5217 | 5193 | 5165 | 5136 | 5102 | 5062 | 5021 | 4981 | 4942 | 4903 | 4864 | 4834 | 4810 |
| 15                 | 4998 | 4978 | 4982 | 4996 | 5029 | 5060 | 5096 | 5046 | 4977 | 4915 | 4858 | 4806 | 4761 | 4722 | 4692 | 4668 | 4648 | 4637 | 4634 |
| 20                 | 3836 | 3846 | 3899 | 3989 | 4056 | 4007 | 3993 | 4008 | 4036 | 4067 | 4105 | 4163 | 4215 | 4276 | 4339 | 4395 | 4432 | 4445 | 4437 |
| 25                 | 2297 | 2344 | 2455 | 2523 | 2528 | 2549 | 2596 | 2674 | 2777 | 2852 | 2911 | 2936 | 2961 | 2970 | 2986 | 3005 | 3032 | 3066 | 3104 |
| 30                 | 812  | 871  | 958  | 1032 | 1100 | 1150 | 1229 | 1363 | 1447 | 1504 | 1524 | 1542 | 1546 | 1561 | 1578 | 1603 | 1633 | 1667 | 1695 |
| 35                 | 209  | 239  | 257  | 286  | 315  | 378  | 435  | 484  | 496  | 443  | 526  | 624  | 711  | 776  | 819  | 851  | 872  | 889  | 893  |
| 40                 | 11.8 | 21.6 | 31.7 | 44.7 | 64.7 | 84.6 | 90.1 | 87.1 | 129  | 164  | 194  | 211  | 206  | 182  | 148  | 121  | 112  | 126  | 162  |
| 45                 | 4.04 | 4.07 | 4.20 | 4.49 | 7.18 | 7.18 | 12.6 | 20.2 | 27.8 | 22.9 | 16.8 | 24.8 | 33.2 | 42.0 | 48.9 | 54.5 | 56.9 | 56.5 | 53.7 |
| 50                 | 3.68 | 3.64 | 3.57 | 3.54 | 3.50 | 3.49 | 3.71 | 3.21 | 3.07 | 4.52 | 6.49 | 8.12 | 8.94 | 7.83 | 5.50 | 3.00 | 1.91 | 3.03 | 5.86 |
| 55                 | 3.72 | 3.69 | 3.54 | 3.42 | 3.33 | 3.18 | 2.69 | 2.26 | 1.97 | 1.74 | 1.61 | 1.60 | 1.60 | 1.60 | 1.61 | 1.63 | 1.63 | 1.63 | 1.63 |
| 60                 | 3.98 | 3.86 | 3.67 | 3.55 | 3.21 | 2.39 | 1.80 | 1.48 | 1.45 | 1.44 | 1.42 | 1.39 | 1.36 | 1.33 | 1.32 | 1.35 | 1.36 | 1.37 | 1.39 |
| 65                 | 4.32 | 4.11 | 4.00 | 3.34 | 2.15 | 1.46 | 1.43 | 1.38 | 1.33 | 1.30 | 1.29 | 1.28 | 1.28 | 1.28 | 1.29 | 1.31 | 1.32 | 1.34 | 1.36 |
| 70                 | 4.28 | 4.24 | 3.52 | 1.97 | 1.58 | 1.44 | 1.38 | 1.36 | 1.33 | 1.29 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.29 | 1.29 | 1.32 | 1.35 |
| 75                 | 4.06 | 3.38 | 2.13 | 1.79 | 1.63 | 1.58 | 1.51 | 1.45 | 1.40 | 1.36 | 1.34 | 1.33 | 1.32 | 1.30 | 1.30 | 1.30 | 1.30 | 1.31 | 1.35 |
| 80                 | 3.01 | 2.12 | 2.08 | 2.08 | 2.03 | 1.85 | 1.74 | 1.75 | 1.71 | 1.59 | 1.50 | 1.44 | 1.38 | 1.34 | 1.32 | 1.31 | 1.30 | 1.30 | 1.36 |
| 85                 | 2.49 | 2.54 | 2.46 | 2.51 | 2.30 | 1.52 | 1.05 | 0.79 | 0.56 | 0.37 | 0.24 | 0.15 | 0.09 | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                 | 9.23 | 9.46 | 9.82 | 10.1 | 10.3 | 8.83 | 7.49 | 5.90 | 4.51 | 3.36 | 2.50 | 3.06 | 2.12 | 1.43 | 0.86 | 0.23 | 0.00 | 0.24 | 0.89 |
| 100                | 12.5 | 13.5 | 14.4 | 15.9 | 15.7 | 17.0 | 40.9 | 43.1 | 41.3 | 41.8 | 49.4 | 54.1 | 49.5 | 51.4 | 60.4 | 61.0 | 65.0 | 65.1 | 62.5 |
| 105                | 60.5 | 65.4 | 78.7 | 80.5 | 92.7 | 83.5 | 101  | 109  | 101  | 127  | 177  | 185  | 187  | 194  | 200  | 203  | 202  | 202  | 203  |
| 110                | 170  | 170  | 173  | 181  | 196  | 226  | 220  | 302  | 296  | 309  | 333  | 335  | 336  | 340  | 341  | 345  | 339  | 340  | 345  |
| 115                | 341  | 350  | 385  | 441  | 444  | 487  | 480  | 503  | 509  | 513  | 514  | 515  | 517  | 520  | 523  | 526  | 524  | 525  | 530  |
| 120                | 659  | 654  | 662  | 666  | 677  | 676  | 683  | 687  | 685  | 685  | 687  | 689  | 693  | 697  | 703  | 706  | 709  | 711  | 712  |
| 125                | 838  | 834  | 831  | 835  | 839  | 848  | 849  | 849  | 853  | 856  | 855  | 855  | 856  | 859  | 863  | 864  | 866  | 867  | 869  |
| 130                | 994  | 986  | 984  | 985  | 991  | 992  | 1000 | 1009 | 1006 | 1005 | 1005 | 1006 | 1010 | 1015 | 1019 | 1022 | 1023 | 1023 | 1023 |
| 135                | 1133 | 1123 | 1124 | 1122 | 1123 | 1131 | 1131 | 1135 | 1141 | 1147 | 1148 | 1146 | 1145 | 1146 | 1148 | 1148 | 1149 | 1149 | 1150 |
| 140                | 1248 | 1247 | 1243 | 1248 | 1245 | 1247 | 1251 | 1258 | 1257 | 1259 | 1262 | 1265 | 1268 | 1270 | 1273 | 1274 | 1275 | 1274 | 1274 |
| 145                | 1348 | 1354 | 1349 | 1349 | 1354 | 1353 | 1354 | 1356 | 1362 | 1368 | 1368 | 1368 | 1369 | 1369 | 1369 | 1370 | 1370 | 1370 | 1370 |
| 150                | 1434 | 1439 | 1441 | 1439 | 1440 | 1444 | 1448 | 1447 | 1447 | 1449 | 1452 | 1456 | 1459 | 1462 | 1463 | 1465 | 1465 | 1464 | 1464 |
| 155                | 1506 | 1509 | 1515 | 1516 | 1515 | 1515 | 1517 | 1521 | 1526 | 1527 | 1526 | 1526 | 1527 | 1528 | 1528 | 1529 | 1529 | 1529 | 1530 |
| 160                | 1565 | 1567 | 1570 | 1575 | 1579 | 1577 | 1576 | 1577 | 1578 | 1580 | 1582 | 1585 | 1587 | 1589 | 1591 | 1592 | 1593 | 1593 | 1593 |
| 165                | 1611 | 1611 | 1613 | 1615 | 1618 | 1621 | 1625 | 1625 | 1624 | 1624 | 1624 | 1624 | 1624 | 1625 | 1625 | 1626 | 1626 | 1626 | 1626 |
| 170                | 1643 | 1643 | 1643 | 1644 | 1645 | 1646 | 1648 | 1649 | 1651 | 1653 | 1654 | 1655 | 1657 | 1658 | 1658 | 1659 | 1659 | 1659 | 1658 |
| 175                | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1664 | 1664 | 1664 | 1664 | 1664 | 1664 | 1664 | 1664 | 1664 |
| 180                | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:8.100m [K=1.2346]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                  |       |                   |
|------------------|-------|-------------------|
| NAME: CL1526-A09 | TYPE: | SERIAL No.:       |
| SPEC.:           | DIM.: | PROTECTION ANGLE: |
| MFR.: EVERFINE   |       |                   |

Table--4

UNIT: cd

| C (DEG)<br>γ (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                  | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 | 4200 |  |  |  |  |
| 5                  | 4457 | 4434 | 4412 | 4394 | 4373 | 4356 | 4340 | 4321 | 4303 | 4287 | 4268 | 4247 | 4223 | 4197 | 4169 |  |  |  |  |
| 10                 | 4790 | 4774 | 4764 | 4760 | 4761 | 4763 | 4765 | 4770 | 4775 | 4781 | 4784 | 4785 | 4781 | 4771 | 4753 |  |  |  |  |
| 15                 | 4641 | 4663 | 4700 | 4753 | 4828 | 4926 | 5043 | 5147 | 5149 | 5154 | 5163 | 5182 | 5201 | 5229 | 5260 |  |  |  |  |
| 20                 | 4415 | 4384 | 4355 | 4339 | 4342 | 4381 | 4452 | 4548 | 4675 | 4821 | 4814 | 4787 | 4791 | 4824 | 4889 |  |  |  |  |
| 25                 | 3151 | 3203 | 3250 | 3293 | 3337 | 3338 | 3313 | 3329 | 3369 | 3439 | 3563 | 3609 | 3557 | 3560 | 3623 |  |  |  |  |
| 30                 | 1732 | 1767 | 1806 | 1847 | 1887 | 1920 | 1907 | 1863 | 1840 | 1866 | 1924 | 1962 | 1937 | 1910 | 1949 |  |  |  |  |
| 35                 | 888  | 856  | 791  | 708  | 639  | 745  | 790  | 752  | 682  | 640  | 678  | 669  | 662  | 644  | 648  |  |  |  |  |
| 40                 | 210  | 254  | 277  | 275  | 256  | 222  | 186  | 198  | 204  | 194  | 175  | 182  | 181  | 175  | 172  |  |  |  |  |
| 45                 | 48.5 | 41.5 | 32.8 | 22.3 | 34.6 | 56.4 | 50.8 | 33.2 | 20.9 | 29.5 | 19.9 | 11.6 | 9.77 | 5.56 | 5.98 |  |  |  |  |
| 50                 | 9.02 | 10.9 | 10.7 | 8.31 | 6.16 | 3.26 | 2.94 | 5.75 | 3.42 | 3.17 | 3.23 | 3.30 | 3.42 | 3.56 | 3.73 |  |  |  |  |
| 55                 | 1.66 | 1.70 | 1.75 | 1.81 | 2.03 | 2.13 | 2.25 | 2.34 | 2.46 | 2.56 | 2.64 | 2.83 | 2.98 | 3.16 | 3.37 |  |  |  |  |
| 60                 | 1.43 | 1.50 | 1.57 | 1.65 | 1.72 | 1.78 | 1.84 | 1.98 | 2.16 | 2.35 | 2.53 | 2.70 | 2.87 | 3.05 | 3.28 |  |  |  |  |
| 65                 | 1.40 | 1.45 | 1.51 | 1.57 | 1.63 | 1.71 | 1.80 | 1.89 | 1.96 | 2.16 | 2.46 | 2.72 | 2.89 | 2.99 | 3.28 |  |  |  |  |
| 70                 | 1.41 | 1.47 | 1.56 | 1.64 | 1.73 | 1.80 | 1.89 | 1.96 | 2.05 | 2.18 | 2.31 | 2.76 | 3.07 | 3.20 | 3.39 |  |  |  |  |
| 75                 | 1.44 | 1.55 | 1.67 | 1.79 | 1.89 | 1.98 | 2.08 | 2.20 | 2.31 | 2.43 | 2.58 | 2.75 | 3.19 | 3.50 | 3.60 |  |  |  |  |
| 80                 | 1.49 | 1.65 | 1.82 | 2.00 | 2.18 | 2.35 | 2.51 | 2.63 | 2.74 | 2.85 | 3.02 | 3.18 | 3.38 | 3.65 | 3.80 |  |  |  |  |
| 85                 | 0.05 | 0.11 | 0.19 | 0.32 | 0.50 | 0.77 | 1.15 | 1.67 | 2.40 | 3.31 | 3.60 | 3.74 | 3.90 | 4.16 | 4.06 |  |  |  |  |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 95                 | 1.86 | 2.33 | 3.36 | 4.06 | 3.74 | 5.03 | 6.72 | 8.77 | 10.9 | 13.2 | 13.0 | 13.3 | 13.4 | 13.6 | 13.5 |  |  |  |  |
| 100                | 62.4 | 53.8 | 57.0 | 60.3 | 58.7 | 46.7 | 47.8 | 49.3 | 37.7 | 19.7 | 34.9 | 19.7 | 20.8 | 19.7 | 20.6 |  |  |  |  |
| 105                | 199  | 193  | 189  | 187  | 180  | 124  | 121  | 139  | 114  | 109  | 116  | 116  | 125  | 132  | 136  |  |  |  |  |
| 110                | 341  | 342  | 342  | 345  | 348  | 334  | 335  | 346  | 279  | 309  | 246  | 260  | 251  | 244  | 227  |  |  |  |  |
| 115                | 529  | 529  | 531  | 534  | 537  | 537  | 536  | 539  | 543  | 546  | 535  | 549  | 563  | 573  | 557  |  |  |  |  |
| 120                | 712  | 709  | 708  | 707  | 708  | 711  | 716  | 717  | 718  | 719  | 725  | 737  | 740  | 739  | 733  |  |  |  |  |
| 125                | 870  | 871  | 871  | 873  | 876  | 874  | 875  | 876  | 879  | 883  | 893  | 894  | 902  | 891  | 887  |  |  |  |  |
| 130                | 1022 | 1021 | 1020 | 1020 | 1021 | 1025 | 1030 | 1026 | 1027 | 1036 | 1035 | 1039 | 1035 | 1032 | 1027 |  |  |  |  |
| 135                | 1151 | 1153 | 1156 | 1160 | 1162 | 1158 | 1157 | 1160 | 1166 | 1162 | 1163 | 1165 | 1159 | 1161 | 1152 |  |  |  |  |
| 140                | 1273 | 1273 | 1272 | 1272 | 1273 | 1274 | 1279 | 1277 | 1275 | 1276 | 1280 | 1272 | 1271 | 1269 | 1264 |  |  |  |  |
| 145                | 1371 | 1372 | 1374 | 1377 | 1380 | 1377 | 1375 | 1375 | 1378 | 1379 | 1372 | 1369 | 1372 | 1364 | 1360 |  |  |  |  |
| 150                | 1463 | 1462 | 1461 | 1460 | 1461 | 1461 | 1463 | 1468 | 1463 | 1457 | 1455 | 1455 | 1452 | 1446 | 1443 |  |  |  |  |
| 155                | 1531 | 1532 | 1533 | 1535 | 1538 | 1539 | 1535 | 1531 | 1528 | 1526 | 1526 | 1524 | 1518 | 1514 | 1512 |  |  |  |  |
| 160                | 1593 | 1592 | 1591 | 1589 | 1587 | 1586 | 1585 | 1584 | 1583 | 1584 | 1581 | 1576 | 1572 | 1570 | 1569 |  |  |  |  |
| 165                | 1627 | 1627 | 1627 | 1627 | 1627 | 1627 | 1628 | 1628 | 1624 | 1621 | 1618 | 1616 | 1614 | 1613 | 1613 |  |  |  |  |
| 170                | 1658 | 1657 | 1656 | 1655 | 1653 | 1652 | 1650 | 1649 | 1648 | 1646 | 1645 | 1644 | 1644 | 1644 | 1644 |  |  |  |  |
| 175                | 1664 | 1664 | 1664 | 1664 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 | 1663 |  |  |  |  |
| 180                | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 | 1670 |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2025-09-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.280  
Humidity:65.0%  
Test Distance:8.100m [K=1.2346]  
Remarks: