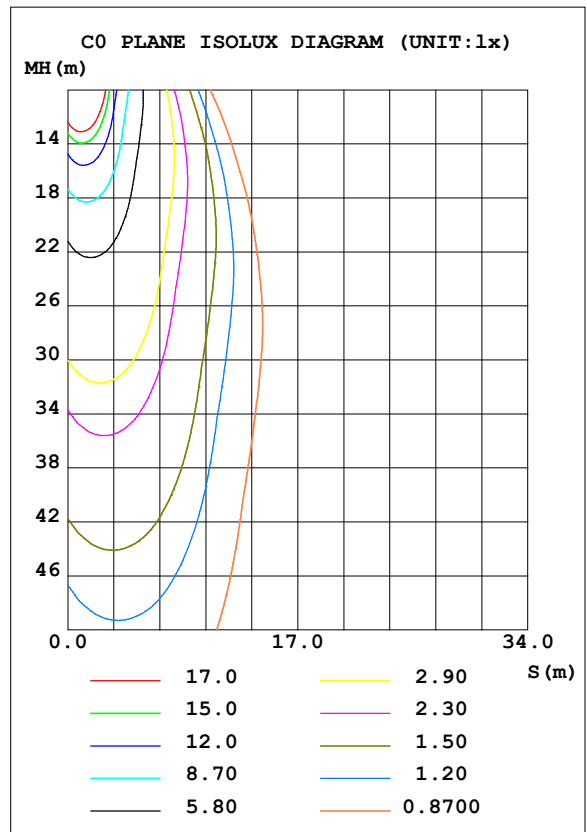
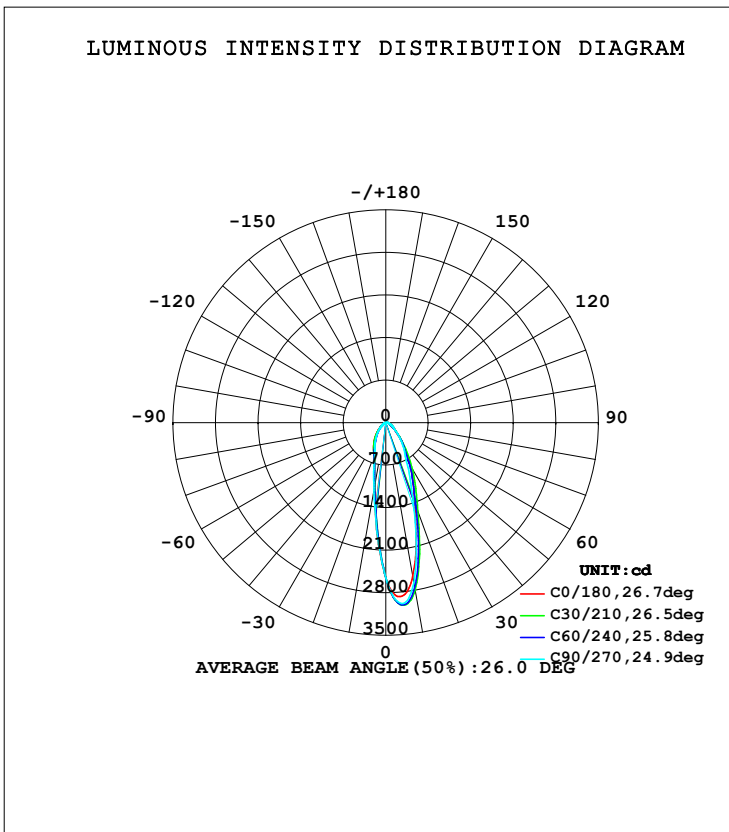


LUMINAIRE PHOTOMETRIC TEST REPORT

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP      |       | PHOTOMETRIC DATA Eff: 77.94 lm/W  |        |  |           |
|-------------------|-------|-----------------------------------|--------|--|-----------|
| MODEL             |       | I <sub>max</sub> (cd)             | 3019   | S/MH (C0/180)                              | 0.68      |
| NOMINAL POWER (W) | 20    | LOR (%)                           | 102.5  | S/MH (C90/270)                             | 0.66      |
| RATED VOLTAGE (V) | 220   | TOTAL FLUX (lm)                   | 1536.9 | <input type="checkbox"/> UP, DN (C0-180)   | 0.9, 64.6 |
| NOMINAL FLUX (lm) | 1500  | CIE CLASS                         | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.7, 36.2 |
| LAMPS INSIDE      | 1     | <input type="checkbox"/> up (%)   | 1.6    | CIBSE SHR NOM                              | 0.50      |
| TEST VOLTAGE (V)  | 220.6 | <input type="checkbox"/> down (%) | 100.8  | CIBSE SHR MAX                              | 0.50      |



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| mm  | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | mm      | zone   | total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|--------|-------|------------|
| 5   | 2872                  | 3011  | 2987  | 2422  | 1763  | 1694  | 1753  | 2128  | 0- 5    | 58.21  | 58.21 | 3.79,3.88  |
| 10  | 2564                  | 2777  | 2670  | 1788  | 1092  | 1060  | 1132  | 1500  | 5- 10   | 146.3  | 204.5 | 13.3,13.6  |
| 15  | 1940                  | 2122  | 1929  | 1160  | 740.4 | 724.8 | 766.6 | 1038  | 10- 15  | 180.2  | 384.7 | 25,25.6    |
| 20  | 1401                  | 1500  | 1295  | 781.6 | 574.1 | 565.8 | 527.6 | 754.4 | 15- 20  | 177.3  | 561.9 | 36.6,37.5  |
| 25  | 1063                  | 1108  | 914.3 | 585.3 | 476.7 | 456.8 | 434.5 | 561.2 | 20- 25  | 165.5  | 727.5 | 47.3,48.5  |
| 30  | 799.2                 | 823.3 | 648.4 | 472.7 | 395.8 | 363.8 | 346.3 | 429.3 | 25- 30  | 153.4  | 880.9 | 57.3,58.7  |
| 35  | 578.9                 | 591.0 | 524.8 | 377.8 | 317.4 | 286.7 | 270.0 | 313.8 | 30- 35  | 135.8  | 1017  | 66.1,67.8  |
| 40  | 407.2                 | 432.2 | 395.3 | 302.6 | 243.2 | 219.1 | 207.3 | 226.3 | 35- 40  | 116.2  | 1133  | 73.7,75.5  |
| 45  | 289.0                 | 306.0 | 296.7 | 232.4 | 179.4 | 160.9 | 157.5 | 161.3 | 40- 45  | 95.47  | 1228  | 79.9,81.9  |
| 50  | 204.4                 | 215.5 | 211.1 | 168.7 | 128.2 | 114.8 | 114.0 | 119.3 | 45- 50  | 75.57  | 1304  | 84.8,86.9  |
| 55  | 145.1                 | 152.0 | 160.7 | 122.3 | 90.94 | 79.76 | 81.75 | 86.35 | 50- 55  | 58.09  | 1362  | 88.6,90.8  |
| 60  | 106.0                 | 112.2 | 117.3 | 87.80 | 66.92 | 57.79 | 60.50 | 63.01 | 55- 60  | 44.66  | 1407  | 91.5,93.8  |
| 65  | 80.18                 | 83.38 | 85.35 | 63.00 | 49.77 | 43.37 | 38.82 | 48.96 | 60- 65  | 34.53  | 1441  | 93.8,96.1  |
| 70  | 64.16                 | 62.37 | 62.80 | 46.52 | 36.85 | 29.05 | 29.43 | 34.90 | 65- 70  | 26.49  | 1468  | 95.5,97.8  |
| 75  | 50.44                 | 46.83 | 40.17 | 31.18 | 25.68 | 20.63 | 16.68 | 25.50 | 70- 75  | 20.11  | 1488  | 96.8,99.2  |
| 80  | 37.37                 | 34.23 | 31.32 | 21.66 | 14.07 | 8.534 | 5.331 | 11.64 | 75- 80  | 13.58  | 1501  | 97.7,100   |
| 85  | 19.93                 | 18.83 | 17.28 | 10.77 | 3.506 | 2.064 | 2.244 | 2.605 | 80- 85  | 7.833  | 1509  | 98.2,101   |
| 90  | 3.422                 | 6.032 | 7.389 | 3.630 | 1.744 | 1.862 | 2.044 | 1.956 | 85- 90  | 3.240  | 1512  | 98.4,101   |
| 95  | 3.090                 | 3.295 | 3.499 | 3.081 | 1.629 | 1.718 | 1.879 | 1.839 | 90- 95  | 1.470  | 1514  | 98.5,101   |
| 100 | 3.091                 | 3.298 | 3.516 | 3.109 | 1.633 | 1.698 | 1.832 | 1.730 | 95-100  | 1.348  | 1515  | 98.6,101   |
| 105 | 3.109                 | 3.314 | 3.546 | 3.161 | 1.752 | 1.828 | 1.887 | 1.709 | 100-105 | 1.333  | 1517  | 98.7,101   |
| 110 | 3.181                 | 3.364 | 3.601 | 3.257 | 2.023 | 2.111 | 2.128 | 1.777 | 105-110 | 1.350  | 1518  | 98.8,101   |
| 115 | 3.323                 | 3.468 | 3.707 | 3.436 | 2.402 | 2.501 | 2.485 | 1.983 | 110-115 | 1.399  | 1519  | 98.9,101   |
| 120 | 3.563                 | 3.657 | 3.910 | 3.720 | 2.846 | 2.952 | 2.921 | 2.275 | 115-120 | 1.475  | 1521  | 98.9,101   |
| 125 | 3.904                 | 3.973 | 4.246 | 4.128 | 3.347 | 3.466 | 3.413 | 2.608 | 120-125 | 1.567  | 1522  | 99.1,101   |
| 130 | 4.347                 | 4.411 | 4.717 | 4.605 | 3.979 | 4.115 | 4.040 | 3.017 | 125-130 | 1.670  | 1524  | 99.2,102   |
| 135 | 4.832                 | 4.934 | 5.272 | 5.067 | 4.759 | 4.882 | 4.808 | 3.552 | 130-135 | 1.775  | 1526  | 99.3,102   |
| 140 | 5.311                 | 5.443 | 5.794 | 5.471 | 5.597 | 5.715 | 5.669 | 4.233 | 135-140 | 1.855  | 1528  | 99.4,102   |
| 145 | 5.716                 | 5.891 | 6.247 | 5.766 | 6.472 | 6.492 | 6.500 | 5.002 | 140-145 | 1.878  | 1530  | 99.5,102   |
| 150 | 6.038                 | 6.239 | 6.587 | 5.963 | 7.052 | 6.977 | 7.077 | 5.744 | 145-150 | 1.813  | 1531  | 99.6,102   |
| 155 | 6.320                 | 6.526 | 6.862 | 6.131 | 7.151 | 7.102 | 7.260 | 6.240 | 150-155 | 1.647  | 1533  | 99.7,102   |
| 160 | 6.558                 | 6.776 | 7.053 | 6.251 | 7.005 | 6.966 | 7.168 | 6.412 | 155-160 | 1.399  | 1534  | 99.8,102   |
| 165 | 6.757                 | 6.966 | 7.201 | 6.321 | 6.807 | 6.800 | 6.985 | 6.378 | 160-165 | 1.106  | 1536  | 99.9,102   |
| 170 | 6.879                 | 7.077 | 7.303 | 6.315 | 6.680 | 6.737 | 6.803 | 6.223 | 165-170 | 0.7955 | 1536  | 100,102    |
| 175 | 6.868                 | 7.059 | 7.237 | 6.251 | 6.681 | 6.801 | 6.857 | 6.113 | 170-175 | 0.4771 | 1537  | 100,102    |
| 180 | 6.784                 | 6.964 | 7.159 | 6.169 | 6.772 | 7.007 | 7.150 | 6.216 | 175-180 | 0.1596 | 1537  | 100,102    |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       | UNIT:lm |        |       |            |

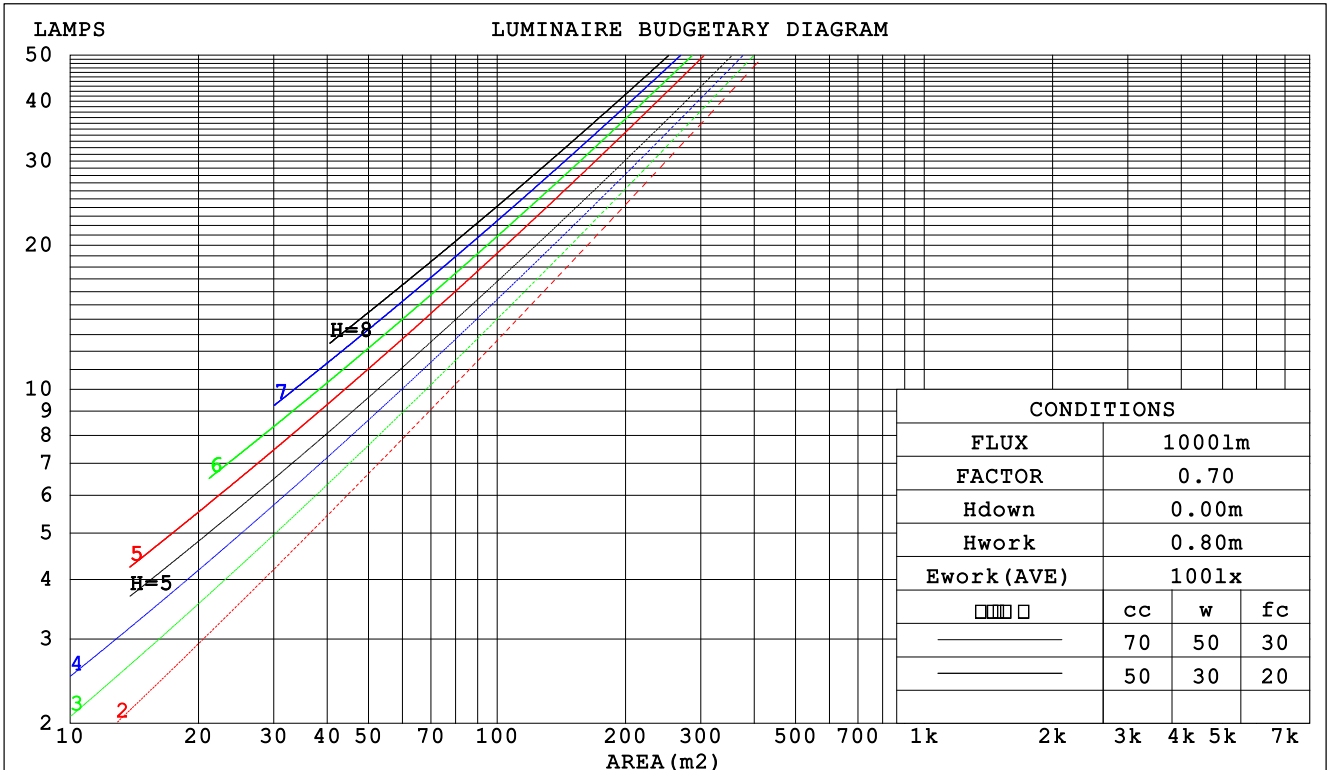
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-08-06

□ Range: 0 - 180DEG  
 □ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |

|      |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |      |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|
| □cc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0    |
| □w   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| □fc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0    |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |
| 0.0  | 1.22                  | 1.22 | 1.22 | 1.19 | 1.19 | 1.19 | 1.13                            | 1.13 | 1.13 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | 1.01 |
| 1.0  | 1.11                  | 1.08 | 1.05 | 1.09 | 1.06 | 1.03 | 1.04                            | 1.02 | .00  | .00  | .98  | .97  | .96  | .95  | .93  | .91  |
| 2.0  | 1.01                  | .97  | .92  | .00  | .95  | .91  | .96                             | .92  | .89  | .92  | .89  | .87  | .89  | .87  | .85  | .83  |
| 3.0  | .93                   | .87  | .82  | .92  | .86  | .82  | .89                             | .84  | .80  | .86  | .82  | .79  | .83  | .80  | .77  | .75  |
| 4.0  | .86                   | .80  | .75  | .85  | .79  | .74  | .82                             | .77  | .73  | .80  | .75  | .72  | .78  | .74  | .71  | .69  |
| 5.0  | .80                   | .73  | .68  | .79  | .72  | .68  | .77                             | .71  | .67  | .75  | .70  | .66  | .73  | .69  | .65  | .64  |
| 6.0  | .75                   | .68  | .63  | .74  | .67  | .62  | .72                             | .66  | .62  | .70  | .65  | .61  | .69  | .64  | .61  | .59  |
| 7.0  | .70                   | .63  | .58  | .69  | .63  | .58  | .68                             | .62  | .58  | .66  | .61  | .57  | .65  | .60  | .57  | .55  |
| 8.0  | .66                   | .59  | .54  | .65  | .59  | .54  | .64                             | .58  | .54  | .62  | .57  | .53  | .61  | .57  | .53  | .52  |
| 9.0  | .62                   | .55  | .51  | .61  | .55  | .51  | .60                             | .55  | .51  | .59  | .54  | .50  | .58  | .53  | .50  | .48  |
| 10.0 | .59                   | .52  | .48  | .58  | .52  | .48  | .57                             | .52  | .48  | .56  | .51  | .47  | .55  | .51  | .47  | .46  |



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

□ Range: 0 - 180DEG  
 □ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

WEC AND CCEC

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |

|                             |                       |                |                                  |                |                |   |
|-----------------------------|-----------------------|----------------|----------------------------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80%                   | 70%            | 50%                              | 30%            | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%           | 50% 30% 10%    | 50% 30% 10%                      | 50% 30% 10%    | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%                   | 20%            | 20%                              | 20%            | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio |                | Wall Exitance Coefficients (WEC) |                |                |   |
| 0.0                         |                       |                |                                  |                |                |   |
| 1.0                         | .222 .126 .040        | .215 .122 .039 | .201 .115 .037                   | .188 .108 .035 | .176 .102 .033 |   |
| 2.0                         | .210 .115 .035        | .204 .112 .035 | .192 .107 .033                   | .181 .101 .032 | .171 .097 .030 |   |
| 3.0                         | .198 .105 .031        | .192 .103 .031 | .182 .098 .030                   | .172 .094 .029 | .163 .090 .028 |   |
| 4.0                         | .185 .096 .028        | .180 .094 .028 | .171 .091 .027                   | .163 .087 .026 | .155 .084 .026 |   |
| 5.0                         | .174 .089 .026        | .170 .087 .025 | .162 .084 .025                   | .154 .081 .024 | .147 .079 .024 |   |
| 6.0                         | .164 .082 .023        | .160 .081 .023 | .153 .078 .023                   | .146 .076 .022 | .140 .074 .022 |   |
| 7.0                         | .155 .076 .022        | .151 .075 .021 | .145 .073 .021                   | .139 .071 .021 | .133 .069 .020 |   |
| 8.0                         | .146 .071 .020        | .143 .070 .020 | .137 .069 .020                   | .132 .067 .019 | .127 .065 .019 |   |
| 9.0                         | .139 .067 .019        | .136 .066 .019 | .131 .065 .018                   | .126 .063 .018 | .121 .062 .018 |   |
| 10.0                        | .132 .063 .018        | .129 .062 .017 | .125 .061 .017                   | .120 .060 .017 | .116 .058 .017 |   |

|                             |                       |                |   |                |                |   |
|-----------------------------|-----------------------|----------------|---|----------------|----------------|---|
| <input type="checkbox"/> cc | 80%                   | 70%            | 50%   | 30%            | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%           | 50% 30% 10%    | 50% 30% 10%                                 | 50% 30% 10%    | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%                   | 20%            | 20%   | 20%            | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio |                | Ceiling Cavity Exitance Coefficients (CCEC) |                |                |   |
| 0.0                         | .208 .208 .208        | .177 .177 .177 | .121 .121 .121                              | .070 .070 .070 | .022 .022 .022 |   |
| 1.0                         | .191 .173 .158        | .163 .149 .136 | .112 .102 .094                              | .064 .059 .055 | .021 .019 .018 |   |
| 2.0                         | .177 .148 .124        | .152 .128 .107 | .104 .088 .075                              | .060 .051 .044 | .019 .017 .014 |   |
| 3.0                         | .166 .129 .100        | .142 .112 .087 | .098 .077 .061                              | .056 .045 .036 | .018 .015 .012 |   |
| 4.0                         | .156 .115 .083        | .134 .099 .072 | .092 .069 .051                              | .053 .040 .030 | .017 .013 .010 |   |
| 5.0                         | .148 .103 .070        | .127 .089 .061 | .087 .062 .043                              | .051 .037 .026 | .016 .012 .008 |   |
| 6.0                         | .140 .094 .061        | .120 .081 .053 | .083 .057 .038                              | .048 .033 .022 | .016 .011 .007 |   |
| 7.0                         | .133 .086 .054        | .114 .075 .047 | .079 .052 .033                              | .046 .031 .020 | .015 .010 .007 |   |
| 8.0                         | .127 .080 .048        | .109 .069 .042 | .076 .049 .030                              | .044 .029 .018 | .014 .009 .006 |   |
| 9.0                         | .121 .075 .043        | .104 .065 .038 | .072 .046 .027                              | .042 .027 .016 | .014 .009 .005 |   |
| 10.0                        | .116 .070 .040        | .100 .061 .035 | .069 .043 .025                              | .040 .025 .015 | .013 .008 .005 |   |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

|  |                  |      |      |      |       |                |      |      |      |                   |  |  |  |  |
|--|------------------|------|------|------|-------|----------------|------|------|------|-------------------|--|--|--|--|
| NAME: 折叠灯20W-4000K-2835                            |                  |      |      |      | TYPE: |                |      |      |      | WEIGHT:           |  |  |  |  |
| SPEC.:   |                  |      |      |      | DIM.: |                |      |      |      | SERIAL No.:       |  |  |  |  |
| MFR.: EVERFINE                                     |                  |      |      |      | SUR.: |                |      |      |      | PROTECTION ANGLE: |  |  |  |  |
| 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                                      | 15.4             | 16.5 | 15.7 | 16.7 | 16.9  | 14.9           | 16.0 | 15.2 | 16.2 | 16.4              |  |  |  |  |
| 3H   | 16.1             | 17.1 | 16.4 | 17.3 | 17.6  | 15.6           | 16.6 | 15.9 | 16.8 | 17.1              |  |  |  |  |
| 4H   | 16.5             | 17.5 | 16.8 | 17.7 | 18.0  | 15.9           | 16.8 | 16.2 | 17.1 | 17.3              |  |  |  |  |
| 6H   | 17.0             | 17.9 | 17.3 | 18.1 | 18.4  | 16.2           | 17.1 | 16.5 | 17.3 | 17.6              |  |  |  |  |
| 8H   | 17.2             | 18.1 | 17.5 | 18.3 | 18.6  | 16.3           | 17.2 | 16.7 | 17.5 | 17.8              |  |  |  |  |
| 12H  | 17.4             | 18.2 | 17.7 | 18.5 | 18.8  | 16.4           | 17.3 | 16.8 | 17.6 | 17.9              |  |  |  |  |
| 4H 2H  | 15.6             | 16.5 | 15.9 | 16.8 | 17.1  | 15.2           | 16.1 | 15.5 | 16.4 | 16.6              |  |  |  |  |
| 3H   | 16.5             | 17.3 | 16.9 | 17.6 | 18.0  | 16.1           | 16.9 | 16.4 | 17.2 | 17.5              |  |  |  |  |
| 4H   | 17.1             | 17.8 | 17.5 | 18.2 | 18.5  | 16.5           | 17.2 | 16.9 | 17.6 | 17.9              |  |  |  |  |
| 6H   | 17.7             | 18.4 | 18.1 | 18.7 | 19.1  | 16.9           | 17.6 | 17.3 | 17.9 | 18.3              |  |  |  |  |
| 8H   | 18.0             | 18.6 | 18.5 | 19.0 | 19.4  | 17.1           | 17.8 | 17.6 | 18.1 | 18.5              |  |  |  |  |
| 12H  | 18.3             | 18.9 | 18.7 | 19.3 | 19.7  | 17.3           | 17.9 | 17.8 | 18.3 | 18.7              |  |  |  |  |
| 8H 4H  | 17.2             | 17.8 | 17.7 | 18.2 | 18.6  | 16.7           | 17.3 | 17.1 | 17.7 | 18.1              |  |  |  |  |
| 6H   | 18.1             | 18.6 | 18.5 | 19.0 | 19.4  | 17.3           | 17.8 | 17.7 | 18.2 | 18.7              |  |  |  |  |
| 8H   | 18.5             | 19.0 | 19.0 | 19.4 | 19.9  | 17.6           | 18.1 | 18.1 | 18.5 | 19.0              |  |  |  |  |
| 12H  | 18.9             | 19.3 | 19.4 | 19.7 | 20.3  | 17.9           | 18.3 | 18.4 | 18.8 | 19.3              |  |  |  |  |
| 12H 4H   | 17.2             | 17.8 | 17.7 | 18.2 | 18.6  | 16.7           | 17.3 | 17.2 | 17.7 | 18.1              |  |  |  |  |
| 6H   | 18.1             | 18.6 | 18.6 | 19.0 | 19.5  | 17.4           | 17.8 | 17.9 | 18.3 | 18.8              |  |  |  |  |
| 8H   | 18.6             | 19.0 | 19.1 | 19.5 | 20.0  | 17.8           | 18.1 | 18.3 | 18.6 | 19.1              |  |  |  |  |
| Variations with the observer position at spacings: |                  |      |      |      |       |                |      |      |      |                   |  |  |  |  |
| S = 1.0H   | + 0.5 / - 0.6    |      |      |      |       | + 0.5 / - 0.6  |      |      |      |                   |  |  |  |  |
| 1.5H   | + 0.6 / - 0.4    |      |      |      |       | + 0.5 / - 0.4  |      |      |      |                   |  |  |  |  |
| 2.0H   | + 0.9 / - 0.6    |      |      |      |       | + 1.0 / - 0.6  |      |      |      |                   |  |  |  |  |

CIE Pub.117 Corrected 1500 lm Total Lamp Luminous Flux. (8log(F/F0) = 1.4)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |

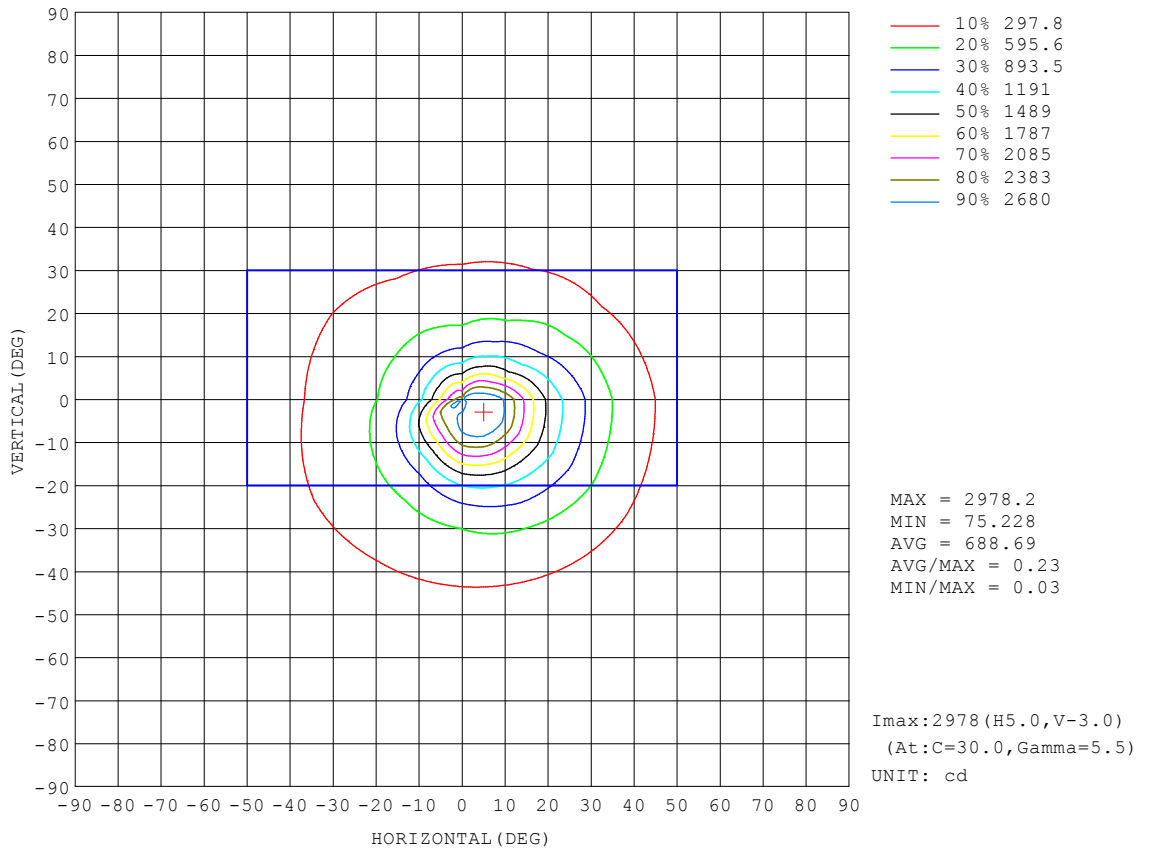
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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                         | 77   | 68  | 63        | 76  | 68  | 63  | 75            | 68  | 63  | 58     |
| 0.80                             | 86   | 78  | 72        | 85  | 77  | 72  | 83            | 76  | 72  | 67     |
| 1.00                             | 92   | 84  | 79        | 91  | 84  | 79  | 89            | 84  | 78  | 73     |
| 1.25                             | 98   | 90  | 85        | 96  | 90  | 85  | 94            | 88  | 84  | 78     |
| 1.50                             | 101  | 94  | 90        | 100 | 94  | 89  | 97            | 92  | 88  | 82     |
| 2.00                             | 106  | 100 | 95        | 104 | 99  | 94  | 101           | 96  | 93  | 86     |
| 2.50                             | 108  | 103 | 99        | 106 | 101 | 98  | 103           | 99  | 95  | 88     |
| 3.00                             | 110  | 106 | 102       | 108 | 104 | 101 | 104           | 101 | 98  | 90     |
| 4.00                             | 113  | 109 | 106       | 111 | 107 | 105 | 107           | 104 | 102 | 93     |
| 5.00                             | 115  | 112 | 109       | 113 | 110 | 107 | 108           | 106 | 104 | 95     |
| ROOM INDEX                       | UF(total)  |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |

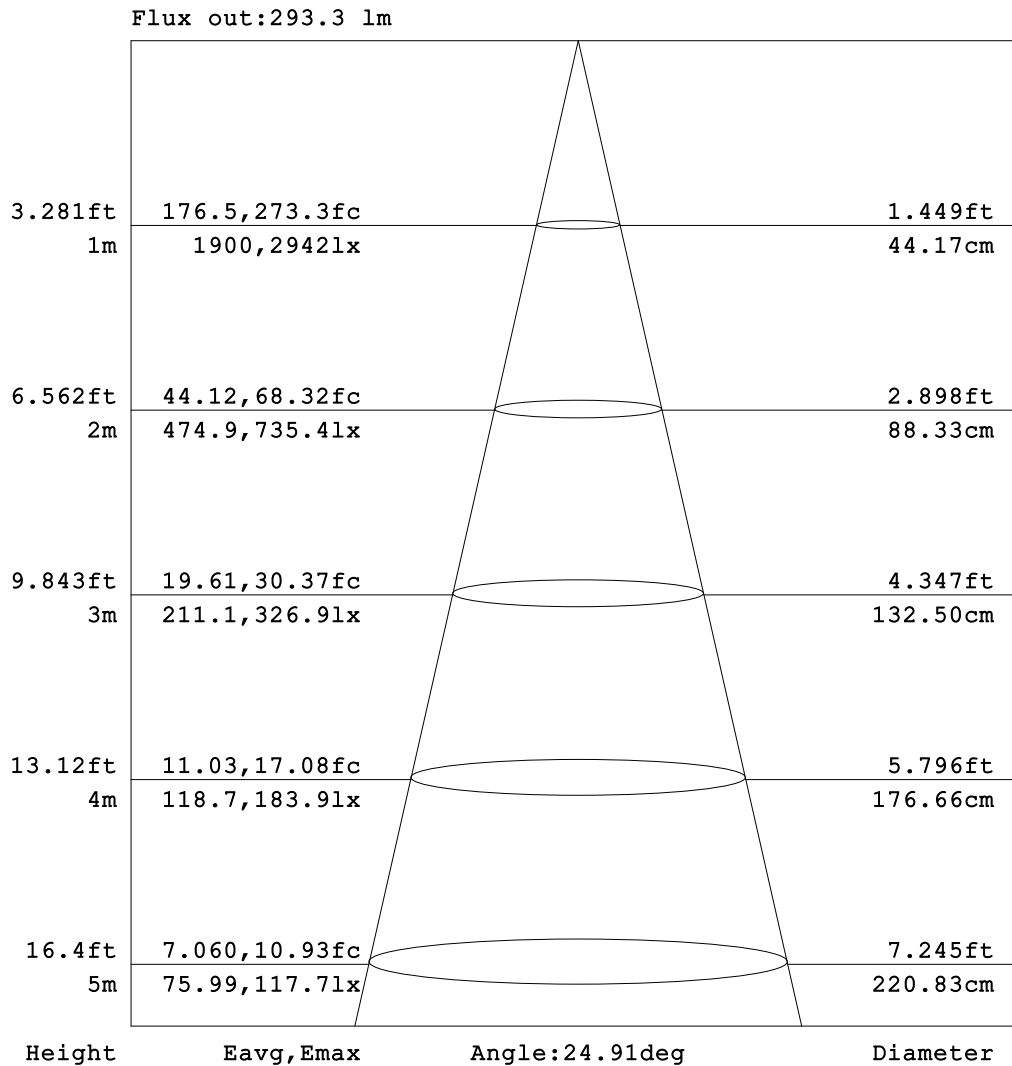


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-08-06

□ Range: 0 - 180DEG  
 □ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

AAI Figure

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |



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

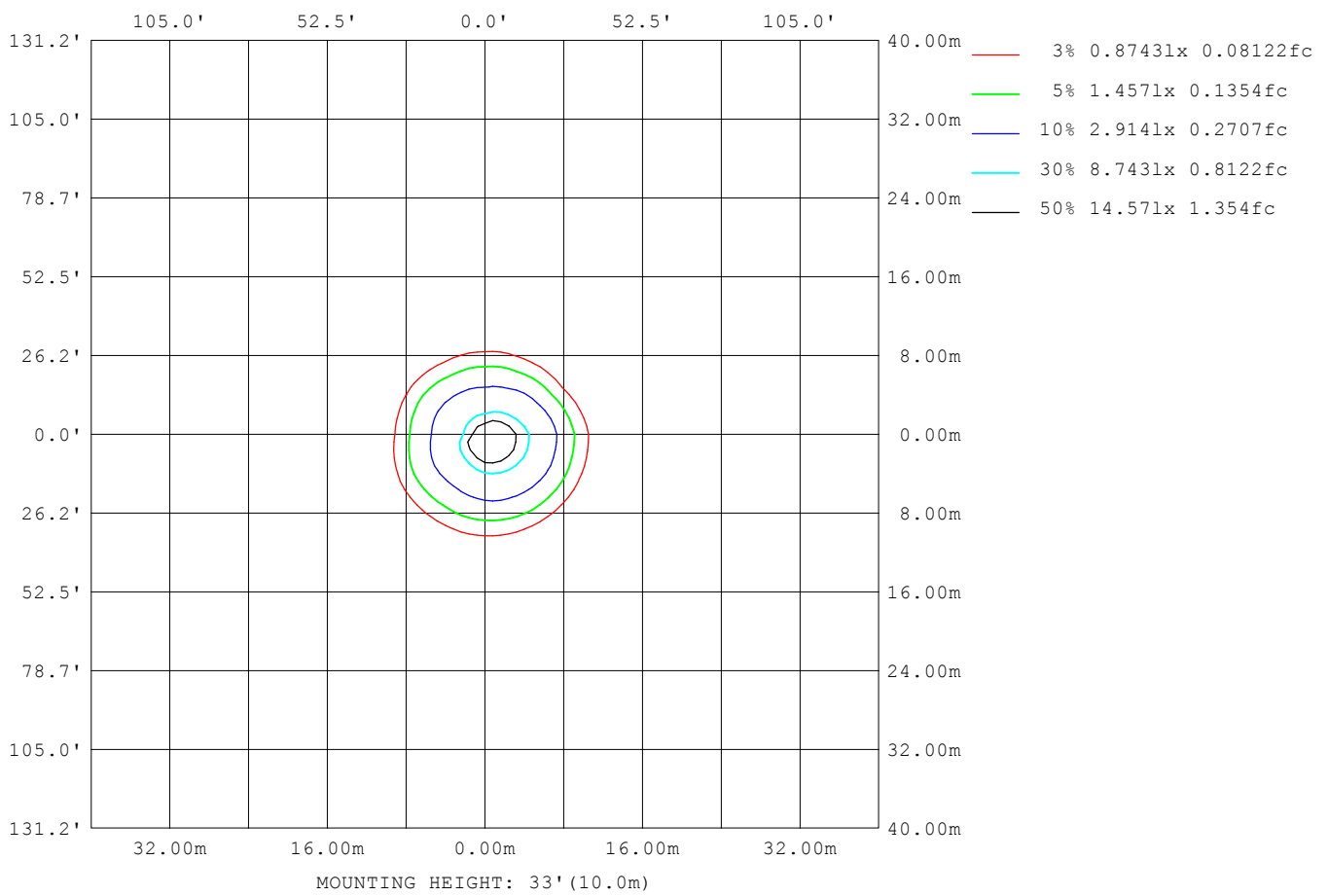
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:



**ISOLUX DIAGRAM**

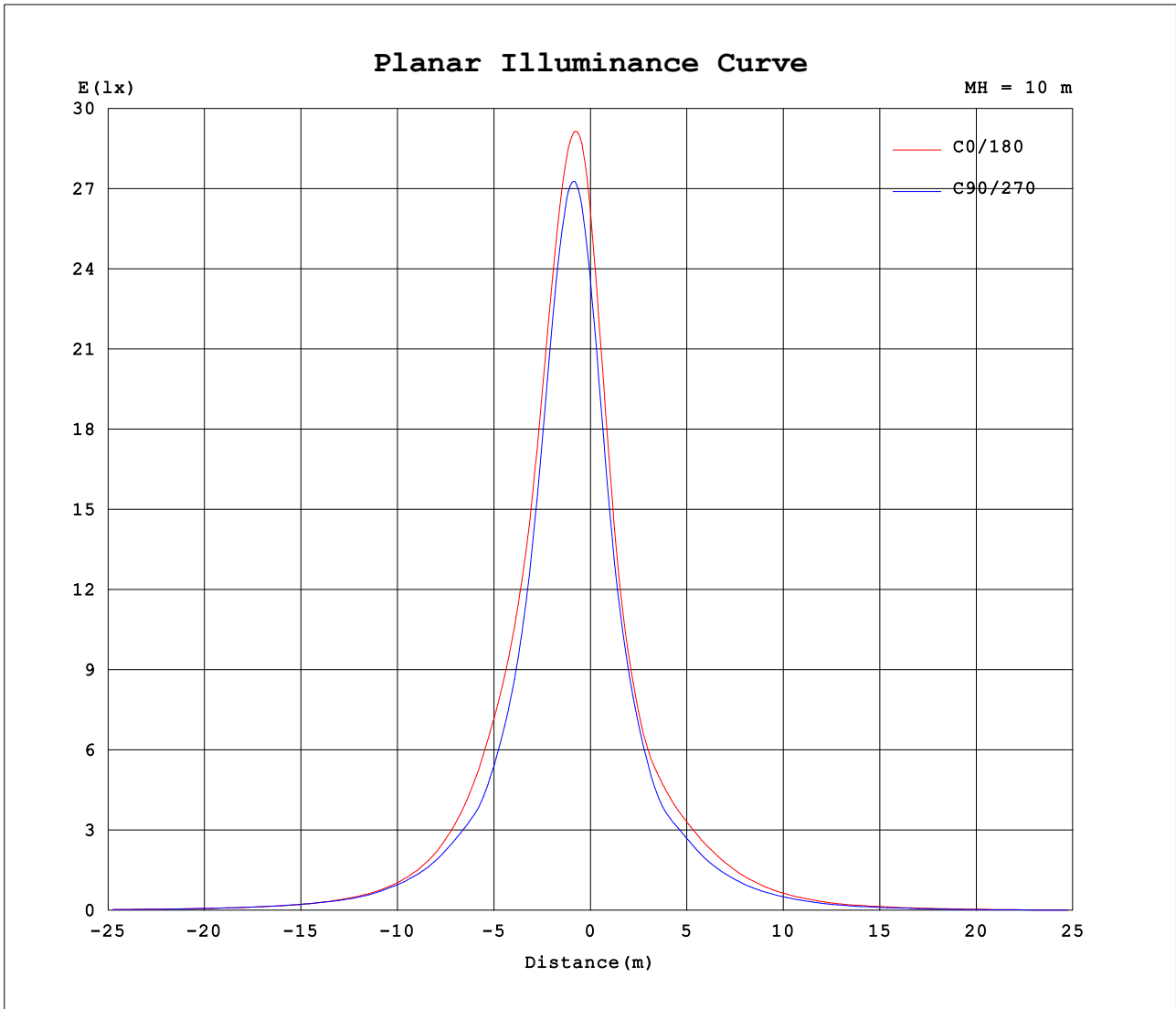
|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-08-06

Range: 0 - 180DEG  
 Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|                         |       |                   |
|-------------------------|-------|-------------------|
| NAME: 折叠灯20W-4000K-2835 | TYPE: | WEIGHT:           |
| SPEC.:                  | DIM.: | SERIAL No.:       |
| MFR.: EVERFINE          | SUR.: | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C (DEG) \ □ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0                 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 | 2552 |  |  |  |  |  |  |  |
| 5                 | 2872 | 3013 | 3008 | 2987 | 2582 | 2275 | 1763 | 1684 | 1704 | 1753 | 1998 | 2246 |  |  |  |  |  |  |  |
| 10                | 2564 | 2798 | 2755 | 2670 | 2009 | 1586 | 1092 | 1050 | 1070 | 1132 | 1345 | 1641 |  |  |  |  |  |  |  |
| 15                | 1940 | 2161 | 2082 | 1929 | 1330 | 1004 | 740  | 720  | 730  | 767  | 915  | 1149 |  |  |  |  |  |  |  |
| 20                | 1401 | 1548 | 1452 | 1295 | 891  | 682  | 574  | 570  | 561  | 528  | 641  | 858  |  |  |  |  |  |  |  |
| 25                | 1063 | 1162 | 1053 | 914  | 653  | 524  | 477  | 478  | 435  | 434  | 467  | 647  |  |  |  |  |  |  |  |
| 30                | 799  | 872  | 774  | 648  | 511  | 438  | 396  | 392  | 336  | 346  | 373  | 481  |  |  |  |  |  |  |  |
| 35                | 579  | 628  | 554  | 525  | 398  | 359  | 317  | 312  | 261  | 270  | 281  | 344  |  |  |  |  |  |  |  |
| 40                | 407  | 444  | 421  | 395  | 323  | 284  | 243  | 237  | 200  | 207  | 211  | 240  |  |  |  |  |  |  |  |
| 45                | 289  | 312  | 300  | 297  | 251  | 215  | 179  | 171  | 150  | 158  | 154  | 168  |  |  |  |  |  |  |  |
| 50                | 204  | 219  | 212  | 211  | 181  | 157  | 128  | 118  | 112  | 114  | 119  | 120  |  |  |  |  |  |  |  |
| 55                | 145  | 157  | 147  | 161  | 132  | 113  | 90.9 | 78.9 | 80.6 | 81.8 | 86.0 | 86.7 |  |  |  |  |  |  |  |
| 60                | 106  | 114  | 111  | 117  | 96.5 | 79.9 | 66.9 | 56.8 | 58.8 | 60.5 | 62.9 | 63.1 |  |  |  |  |  |  |  |
| 65                | 80.2 | 85.0 | 81.7 | 85.4 | 69.7 | 56.9 | 49.8 | 43.0 | 43.8 | 38.8 | 48.2 | 49.6 |  |  |  |  |  |  |  |
| 70                | 64.2 | 63.6 | 61.1 | 62.8 | 51.2 | 42.2 | 36.9 | 31.9 | 26.2 | 29.4 | 31.8 | 37.7 |  |  |  |  |  |  |  |
| 75                | 50.4 | 48.9 | 44.7 | 40.2 | 32.0 | 30.4 | 25.7 | 22.0 | 19.2 | 16.7 | 22.4 | 28.3 |  |  |  |  |  |  |  |
| 80                | 37.4 | 37.1 | 31.3 | 31.3 | 23.7 | 19.8 | 14.1 | 10.1 | 6.96 | 5.33 | 8.80 | 14.2 |  |  |  |  |  |  |  |
| 85                | 19.9 | 19.7 | 17.9 | 17.3 | 11.6 | 10.0 | 3.51 | 2.03 | 2.09 | 2.24 | 2.11 | 3.06 |  |  |  |  |  |  |  |
| 90                | 3.42 | 5.55 | 6.52 | 7.39 | 4.19 | 3.12 | 1.74 | 1.82 | 1.90 | 2.04 | 2.00 | 1.92 |  |  |  |  |  |  |  |
| 95                | 3.09 | 3.26 | 3.33 | 3.50 | 3.24 | 2.94 | 1.63 | 1.71 | 1.73 | 1.88 | 1.86 | 1.82 |  |  |  |  |  |  |  |
| 100               | 3.09 | 3.26 | 3.33 | 3.52 | 3.26 | 2.97 | 1.63 | 1.69 | 1.71 | 1.83 | 1.76 | 1.70 |  |  |  |  |  |  |  |
| 105               | 3.11 | 3.28 | 3.35 | 3.55 | 3.30 | 3.03 | 1.75 | 1.82 | 1.84 | 1.89 | 1.77 | 1.65 |  |  |  |  |  |  |  |
| 110               | 3.18 | 3.33 | 3.40 | 3.60 | 3.37 | 3.15 | 2.02 | 2.11 | 2.11 | 2.13 | 1.89 | 1.67 |  |  |  |  |  |  |  |
| 115               | 3.32 | 3.44 | 3.50 | 3.71 | 3.52 | 3.36 | 2.40 | 2.51 | 2.49 | 2.48 | 2.15 | 1.83 |  |  |  |  |  |  |  |
| 120               | 3.56 | 3.63 | 3.68 | 3.91 | 3.78 | 3.67 | 2.85 | 2.97 | 2.93 | 2.92 | 2.48 | 2.09 |  |  |  |  |  |  |  |
| 125               | 3.90 | 3.94 | 4.00 | 4.25 | 4.17 | 4.09 | 3.35 | 3.49 | 3.44 | 3.41 | 2.85 | 2.38 |  |  |  |  |  |  |  |
| 130               | 4.35 | 4.38 | 4.44 | 4.72 | 4.66 | 4.56 | 3.98 | 4.15 | 4.08 | 4.04 | 3.32 | 2.74 |  |  |  |  |  |  |  |
| 135               | 4.83 | 4.89 | 4.98 | 5.27 | 5.15 | 4.99 | 4.76 | 4.92 | 4.85 | 4.81 | 3.93 | 3.21 |  |  |  |  |  |  |  |
| 140               | 5.31 | 5.39 | 5.49 | 5.79 | 5.59 | 5.36 | 5.60 | 5.74 | 5.69 | 5.67 | 4.68 | 3.83 |  |  |  |  |  |  |  |
| 145               | 5.72 | 5.84 | 5.95 | 6.25 | 5.93 | 5.62 | 6.47 | 6.51 | 6.48 | 6.50 | 5.47 | 4.57 |  |  |  |  |  |  |  |
| 150               | 6.04 | 6.18 | 6.30 | 6.59 | 6.15 | 5.79 | 7.05 | 6.98 | 6.97 | 7.08 | 6.21 | 5.32 |  |  |  |  |  |  |  |
| 155               | 6.32 | 6.47 | 6.58 | 6.86 | 6.35 | 5.94 | 7.15 | 7.11 | 7.10 | 7.26 | 6.62 | 5.89 |  |  |  |  |  |  |  |
| 160               | 6.56 | 6.72 | 6.83 | 7.05 | 6.49 | 6.04 | 7.01 | 6.98 | 6.95 | 7.17 | 6.68 | 6.17 |  |  |  |  |  |  |  |
| 165               | 6.76 | 6.92 | 7.01 | 7.20 | 6.58 | 6.08 | 6.81 | 6.82 | 6.78 | 6.99 | 6.57 | 6.20 |  |  |  |  |  |  |  |
| 170               | 6.88 | 7.03 | 7.13 | 7.30 | 6.59 | 6.07 | 6.68 | 6.77 | 6.70 | 6.80 | 6.37 | 6.09 |  |  |  |  |  |  |  |
| 175               | 6.87 | 7.02 | 7.10 | 7.24 | 6.55 | 5.98 | 6.68 | 6.80 | 6.80 | 6.86 | 6.28 | 5.96 |  |  |  |  |  |  |  |
| 180               | 6.78 | 6.94 | 6.99 | 7.16 | 6.44 | 5.92 | 6.77 | 7.01 | 7.00 | 7.15 | 6.47 | 5.98 |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
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 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-08-06

□ Range: 0 - 180DEG  
 □ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.281  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
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