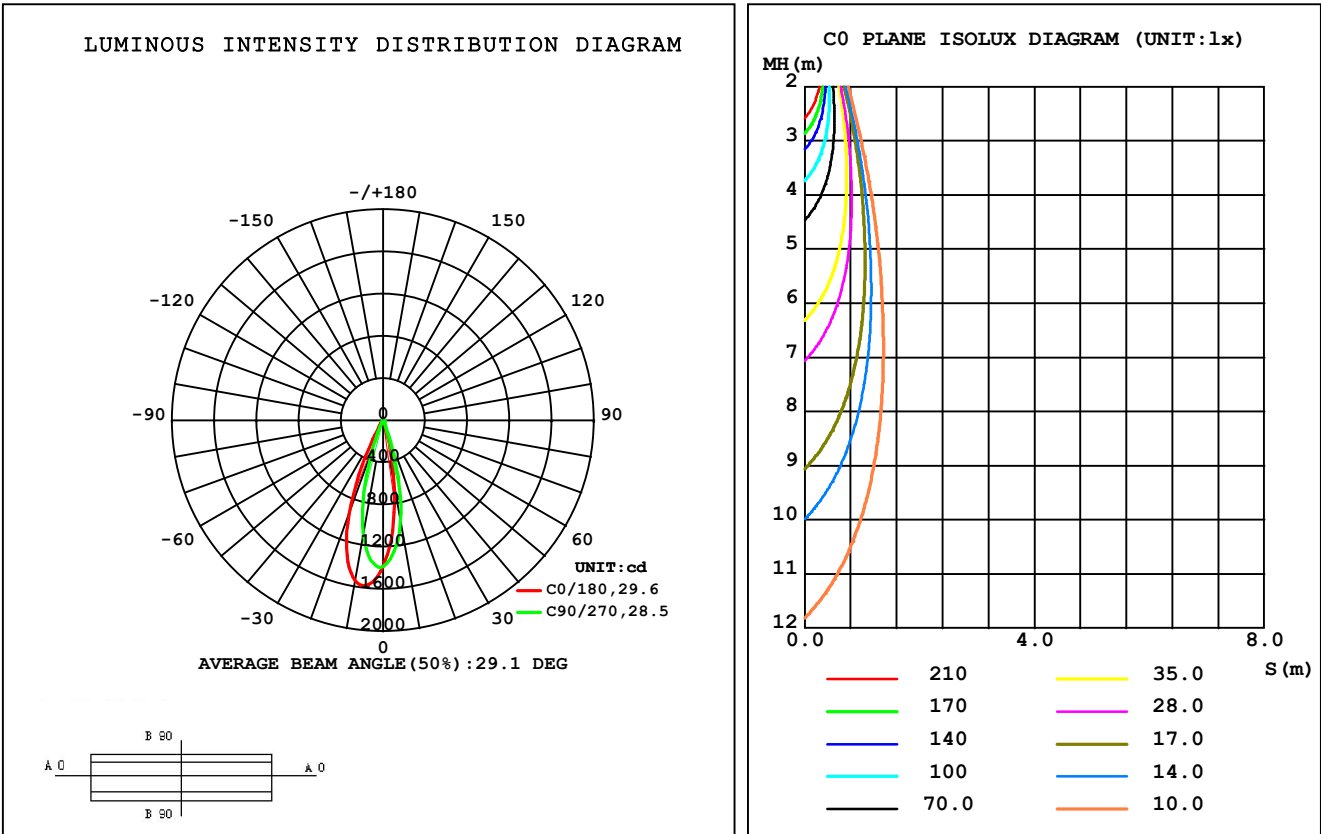


LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                |  |       |  |                  |  |
|--------------------------------------------------------------------------------|--|-------|--|------------------|--|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |  |       |  |                  |  |
| NAME: 6876                                                                     |  | TYPE: |  | WEIGHT:          |  |
| SPEC.:                                                                         |  | DIM.: |  | SERIAL No.:      |  |
| MFR.:                                                                          |  | SUR.: |  | Shielding Angle: |  |

| DATA OF LAMP     |       | PHOTOMETRIC DATA      |        |                    |          | Eff: 84.25 lm/W |
|------------------|-------|-----------------------|--------|--------------------|----------|-----------------|
| MODEL            |       | I <sub>max</sub> (cd) | 1580   | S/MH (C0/180)      | 0.66     |                 |
| NOMINAL POWER(W) | 5     | LOR(%)                | 100.0  | S/MH (C90/270)     | 0.48     |                 |
| RATED VOLTAGE(V) | DC48  | TOTAL FLUX(lm)        | 426.20 | η UP,DN (C0-180)   | 0.0,38.9 |                 |
| NOMINAL FLUX(lm) | 426.2 | CIE CLASS             | DIRECT | η UP,DN (C180-360) | 0.0,61.1 |                 |
| LAMPS INSIDE     | 1     | η up (%)              | 0.0    | CIBSE SHR NOM      | 0.50     |                 |
| TEST VOLTAGE(V)  | 48    | η down (%)            | 100.0  | CIBSE SHR MAX      | 0.50     |                 |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

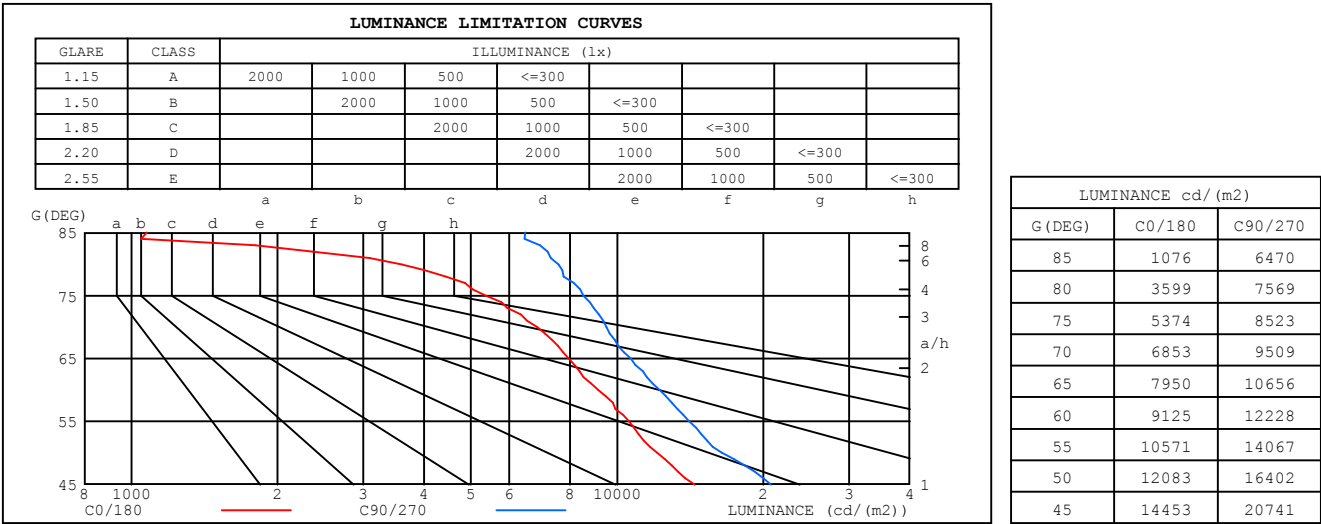
| γ   | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | γ       | Φ zone  | Φ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10  | 609.5                 | 695.5  | 969.5  | 1352   | 1543   | 1428   | 1086   | 737.2  | 0- 10   | 116.0   | 116.0   | 27.2,27.2  |
| 20  | 59.61                 | 84.59  | 223.4  | 643.2  | 946.8  | 737.9  | 319.7  | 103.1  | 10- 20  | 192.8   | 308.8   | 72.5,72.5  |
| 30  | 15.31                 | 17.80  | 27.21  | 88.11  | 161.1  | 97.00  | 31.42  | 18.83  | 20- 30  | 80.41   | 389.2   | 91.3,91.3  |
| 40  | 9.353                 | 10.11  | 12.83  | 19.47  | 23.28  | 19.28  | 13.03  | 10.48  | 30- 40  | 17.17   | 406.4   | 95.3,95.3  |
| 50  | 5.450                 | 5.743  | 7.479  | 10.65  | 11.74  | 10.59  | 8.141  | 6.324  | 40- 50  | 8.481   | 414.9   | 97.3,97.3  |
| 60  | 3.201                 | 3.349  | 4.337  | 5.382  | 6.017  | 5.748  | 4.576  | 3.669  | 50- 60  | 5.522   | 420.4   | 98.6,98.6  |
| 70  | 1.645                 | 1.647  | 2.307  | 3.019  | 3.517  | 3.331  | 2.504  | 1.952  | 60- 70  | 3.418   | 423.8   | 99.4,99.4  |
| 80  | 0.4385                | 0.4276 | 0.9323 | 1.403  | 1.709  | 1.660  | 1.085  | 0.6697 | 70- 80  | 1.815   | 425.6   | 99.9,99.9  |
| 90  | 0.0548                | 0.0549 | 0.0554 | 0.2453 | 0.5263 | 0.4724 | 0.0998 | 0.0557 | 80- 90  | 0.5867  | 426.2   | 100,100    |
| 100 |                       |        |        |        |        |        |        |        | 90-100  |         |         |            |
| 110 |                       |        |        |        |        |        |        |        | 100-110 |         |         |            |
| 120 |                       |        |        |        |        |        |        |        | 110-120 |         |         |            |
| 130 |                       |        |        |        |        |        |        |        | 120-130 |         |         |            |
| 140 |                       |        |        |        |        |        |        |        | 130-140 |         |         |            |
| 150 |                       |        |        |        |        |        |        |        | 140-150 |         |         |            |
| 160 |                       |        |        |        |        |        |        |        | 150-160 |         |         |            |
| 170 |                       |        |        |        |        |        |        |        | 160-170 |         |         |            |
| 180 |                       |        |        |        |        |        |        |        | 170-180 |         |         |            |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT:lm |         |            |

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |



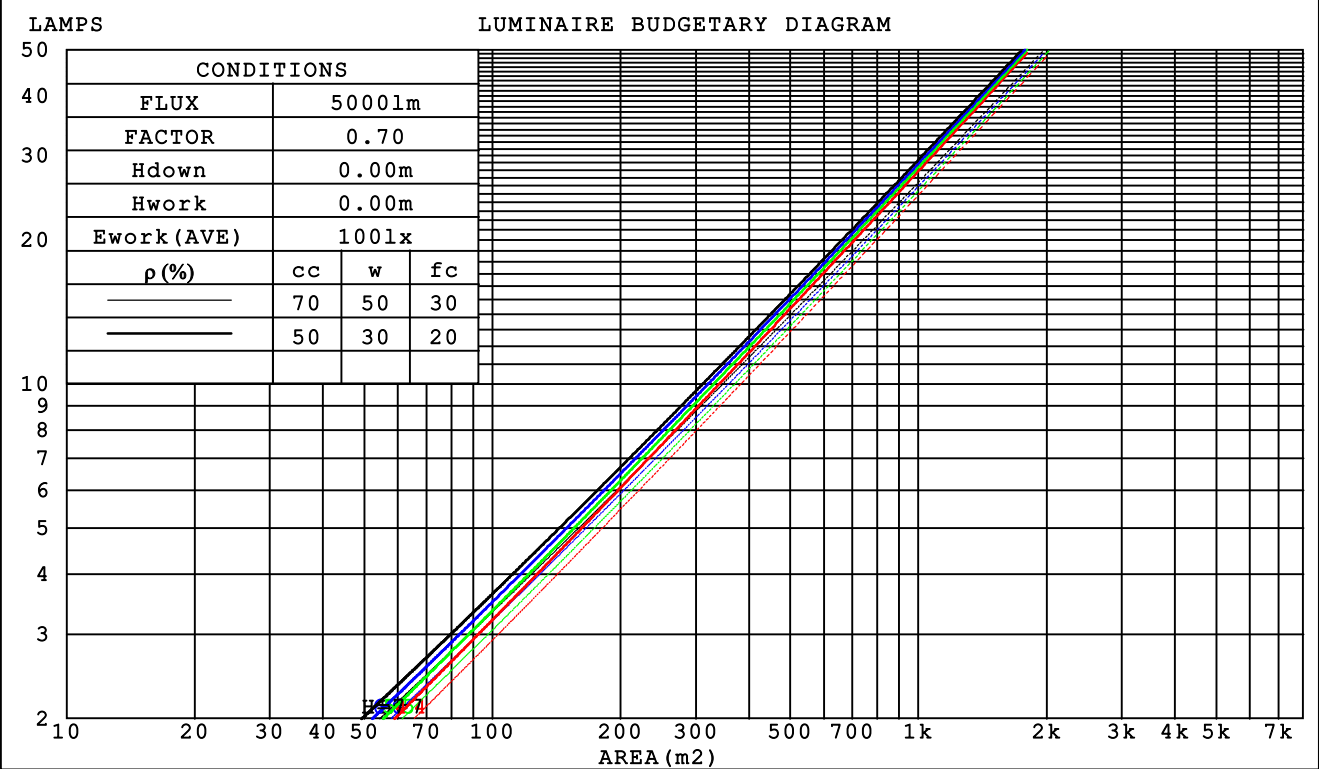
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |

| 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 |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Coefficients of Utilization(CU) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.0  | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.0  | 1.12                  | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.05 | 1.03 | 1.02 | 1.01 | 1.00 | .99  | .98  | .97  | .96                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | 1.06                  | 1.03 | 1.00 | 1.04 | 1.01 | .99  | 1.01 | .99  | .97  | .98  | .96  | .95  | .96  | .94  | .93  | .91                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | 1.01                  | .97  | .94  | .00  | .96  | .93  | .97  | .94  | .92  | .95  | .92  | .90  | .93  | .91  | .89  | .87                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .96                   | .92  | .89  | .95  | .91  | .88  | .93  | .90  | .87  | .91  | .88  | .86  | .90  | .87  | .85  | .84                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .92                   | .88  | .84  | .91  | .87  | .84  | .90  | .86  | .83  | .88  | .85  | .83  | .87  | .84  | .82  | .81                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .89                   | .84  | .81  | .88  | .84  | .80  | .86  | .83  | .80  | .85  | .82  | .79  | .84  | .81  | .79  | .78                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .85                   | .81  | .77  | .85  | .80  | .77  | .83  | .80  | .77  | .82  | .79  | .76  | .81  | .78  | .76  | .75                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .82                   | .78  | .74  | .82  | .77  | .74  | .81  | .77  | .74  | .80  | .76  | .74  | .79  | .76  | .73  | .72                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .79                   | .75  | .72  | .79  | .75  | .72  | .78  | .74  | .71  | .77  | .74  | .71  | .77  | .73  | .71  | .70                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .77                   | .72  | .69  | .76  | .72  | .69  | .76  | .72  | .69  | .75  | .71  | .69  | .74  | .71  | .69  | .68                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



## WEC AND CCEC

|                                                                                |  |  |       |  |                  |
|--------------------------------------------------------------------------------|--|--|-------|--|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |  |  |       |  |                  |
| NAME: 6876                                                                     |  |  | TYPE: |  | WEIGHT:          |
| SPEC.:                                                                         |  |  | DIM.: |  | SERIAL No.:      |
| MFR.:                                                                          |  |  | SUR.: |  | Shielding Angle: |

|             |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
|-------------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| $\rho_{cc}$ | 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         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |
| 0.0         |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
| 1.0         | .151                  | .086 | .027 | .145 | .083 | .026 | .132                             | .076 | .024 | .121 | .070 | .022 | .110 | .064 | .021 |   |
| 2.0         | .141                  | .077 | .024 | .136 | .075 | .023 | .125                             | .070 | .022 | .116 | .065 | .020 | .107 | .060 | .019 |   |
| 3.0         | .132                  | .070 | .021 | .127 | .068 | .020 | .118                             | .064 | .020 | .110 | .061 | .019 | .103 | .057 | .018 |   |
| 4.0         | .124                  | .064 | .019 | .120 | .063 | .019 | .112                             | .060 | .018 | .106 | .057 | .017 | .099 | .054 | .016 |   |
| 5.0         | .116                  | .059 | .017 | .113 | .058 | .017 | .107                             | .056 | .016 | .101 | .053 | .016 | .095 | .051 | .015 |   |
| 6.0         | .110                  | .055 | .016 | .107 | .054 | .016 | .102                             | .052 | .015 | .097 | .050 | .015 | .092 | .048 | .014 |   |
| 7.0         | .105                  | .052 | .015 | .102 | .051 | .015 | .097                             | .049 | .014 | .093 | .048 | .014 | .089 | .046 | .014 |   |
| 8.0         | .100                  | .049 | .014 | .098 | .048 | .014 | .093                             | .047 | .013 | .089 | .045 | .013 | .086 | .044 | .013 |   |
| 9.0         | .095                  | .046 | .013 | .093 | .045 | .013 | .090                             | .044 | .013 | .086 | .043 | .012 | .083 | .042 | .012 |   |
| 10.0        | .091                  | .044 | .012 | .090 | .043 | .012 | .086                             | .042 | .012 | .083 | .041 | .012 | .080 | .040 | .012 |   |

|             |                       |      |      |      |      |      |                                            |      |      |      |      |      |      |      |      |   |
|-------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| $\rho_{cc}$ | 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         | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0         | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0         | .169                  | .158 | .147 | .145 | .135 | .126 | .099                                       | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 |   |
| 2.0         | .152                  | .133 | .116 | .130 | .114 | .100 | .089                                       | .079 | .070 | .051 | .046 | .041 | .017 | .015 | .013 |   |
| 3.0         | .138                  | .113 | .094 | .118 | .098 | .081 | .081                                       | .068 | .057 | .047 | .040 | .034 | .015 | .013 | .011 |   |
| 4.0         | .126                  | .098 | .077 | .108 | .085 | .067 | .074                                       | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 |   |
| 5.0         | .116                  | .086 | .064 | .099 | .074 | .056 | .069                                       | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 |   |
| 6.0         | .107                  | .076 | .054 | .092 | .066 | .047 | .064                                       | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .007 |   |
| 7.0         | .100                  | .068 | .046 | .086 | .059 | .040 | .059                                       | .041 | .028 | .034 | .024 | .017 | .011 | .008 | .006 |   |
| 8.0         | .094                  | .062 | .040 | .081 | .053 | .035 | .056                                       | .038 | .025 | .032 | .022 | .015 | .010 | .007 | .005 |   |
| 9.0         | .088                  | .056 | .034 | .076 | .049 | .030 | .053                                       | .034 | .021 | .031 | .020 | .013 | .010 | .007 | .004 |   |
| 10.0        | .083                  | .051 | .030 | .072 | .045 | .026 | .050                                       | .031 | .019 | .029 | .019 | .011 | .009 | .006 | .004 |   |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:彭金英  
 Test Date:2025-7-15

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
 Humidity:60%  
 Test Distance:12.350m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

|                                                                                |                  |      |      |      |       |                |      |                  |      |      |
|--------------------------------------------------------------------------------|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |                  |      |      |      |       |                |      |                  |      |      |
| NAME: 6876                                                                     |                  |      |      |      | TYPE: |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                         |                  |      |      |      | DIM.: |                |      | SERIAL No.:      |      |      |
| MFR.:                                                                          |                  |      |      |      | SUR.: |                |      | Shielding 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                                                                  | 14.7             | 15.4 | 14.9 | 15.6 | 15.7  | 16.0           | 16.8 | 16.2             | 16.9 | 17.1 |
| 3H                                                                             | 15.5             | 16.2 | 15.8 | 16.4 | 16.6  | 16.9           | 17.6 | 17.2             | 17.8 | 18.0 |
| 4H                                                                             | 15.8             | 16.4 | 16.0 | 16.6 | 16.8  | 17.3           | 17.9 | 17.6             | 18.2 | 18.4 |
| 6H                                                                             | 15.9             | 16.5 | 16.2 | 16.7 | 16.9  | 17.6           | 18.2 | 17.8             | 18.4 | 18.6 |
| 8H                                                                             | 15.9             | 16.4 | 16.1 | 16.7 | 16.9  | 17.6           | 18.2 | 17.9             | 18.5 | 18.7 |
| 12H                                                                            | 15.8             | 16.4 | 16.1 | 16.6 | 16.9  | 17.7           | 18.3 | 18.0             | 18.5 | 18.8 |
| 4H 2H                                                                          | 15.1             | 15.8 | 15.4 | 16.0 | 16.2  | 16.2           | 16.9 | 16.5             | 17.1 | 17.3 |
| 3H                                                                             | 16.1             | 16.6 | 16.4 | 16.9 | 17.2  | 17.3           | 17.9 | 17.6             | 18.1 | 18.4 |
| 4H                                                                             | 16.4             | 16.9 | 16.7 | 17.2 | 17.5  | 17.7           | 18.3 | 18.1             | 18.5 | 18.9 |
| 6H                                                                             | 16.5             | 17.0 | 16.9 | 17.3 | 17.6  | 18.1           | 18.5 | 18.4             | 18.9 | 19.2 |
| 8H                                                                             | 16.5             | 16.9 | 16.9 | 17.3 | 17.6  | 18.2           | 18.6 | 18.6             | 19.0 | 19.3 |
| 12H                                                                            | 16.5             | 16.9 | 16.9 | 17.2 | 17.6  | 18.3           | 18.6 | 18.7             | 19.0 | 19.4 |
| 8H 4H                                                                          | 16.5             | 16.9 | 16.8 | 17.2 | 17.6  | 17.7           | 18.2 | 18.1             | 18.5 | 18.9 |
| 6H                                                                             | 16.6             | 17.0 | 17.1 | 17.4 | 17.8  | 18.1           | 18.5 | 18.6             | 18.9 | 19.3 |
| 8H                                                                             | 16.6             | 16.9 | 17.1 | 17.4 | 17.8  | 18.3           | 18.6 | 18.7             | 19.0 | 19.4 |
| 12H                                                                            | 16.6             | 16.9 | 17.0 | 17.3 | 17.8  | 18.4           | 18.6 | 18.8             | 19.1 | 19.5 |
| 12H 4H                                                                         | 16.4             | 16.8 | 16.8 | 17.2 | 17.6  | 17.7           | 18.1 | 18.1             | 18.5 | 18.8 |
| 6H                                                                             | 16.6             | 16.9 | 17.1 | 17.3 | 17.8  | 18.1           | 18.4 | 18.5             | 18.8 | 19.3 |
| 8H                                                                             | 16.6             | 16.9 | 17.1 | 17.3 | 17.8  | 18.2           | 18.5 | 18.7             | 19.0 | 19.4 |
| Variations with the observer position at spacings:                             |                  |      |      |      |       |                |      |                  |      |      |
| S = 1.0H                                                                       | + 0.6 / - 0.7    |      |      |      |       | + 0.4 / - 0.5  |      |                  |      |      |
| 1.5H                                                                           | + 0.4 / - 0.5    |      |      |      |       | + 0.6 / - 0.6  |      |                  |      |      |
| 2.0H                                                                           | + 0.9 / - 0.8    |      |      |      |       | + 1.4 / - 1.0  |      |                  |      |      |

CIE Pub.117, 426.2 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = -3.0$ )

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 彭金英  
 Test Date: 2025-7-15

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.404.6  
 Humidity: 60%  
 Test Distance: 12.350m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |

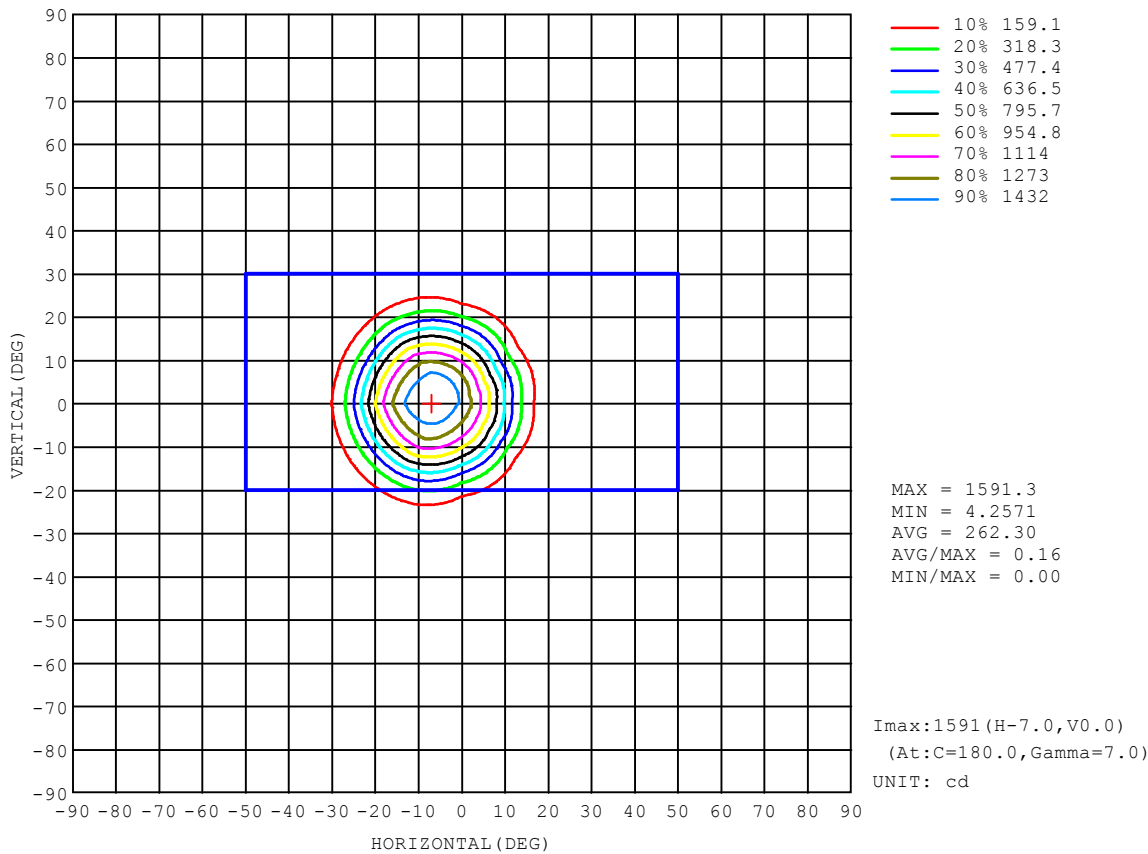
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 89                                                   | 83  | 79        | 88  | 82  | 79  | 87  | 82            | 79  | 75     |
| 0.80                             | 96                                                   | 90  | 87        | 95  | 90  | 87  | 94  | 89            | 86  | 83     |
| 1.00                             | 100                                                  | 95  | 91        | 99  | 94  | 91  | 98  | 94            | 90  | 86     |
| 1.25                             | 104                                                  | 99  | 95        | 103 | 98  | 95  | 101 | 97            | 94  | 90     |
| 1.50                             | 106                                                  | 102 | 99        | 105 | 101 | 98  | 103 | 100           | 97  | 93     |
| 2.00                             | 109                                                  | 105 | 102       | 107 | 104 | 101 | 105 | 102           | 99  | 94     |
| 2.50                             | 110                                                  | 107 | 104       | 109 | 106 | 103 | 106 | 103           | 101 | 95     |
| 3.00                             | 112                                                  | 109 | 106       | 110 | 107 | 105 | 107 | 105           | 103 | 96     |
| 4.00                             | 114                                                  | 111 | 109       | 112 | 110 | 108 | 108 | 107           | 105 | 98     |
| 5.00                             | 115                                                  | 113 | 111       | 113 | 111 | 110 | 109 | 108           | 107 | 99     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 彭金英  
 Test Date: 2025-7-15

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.404.6  
 Humidity: 60%  
 Test Distance: 12.350m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |

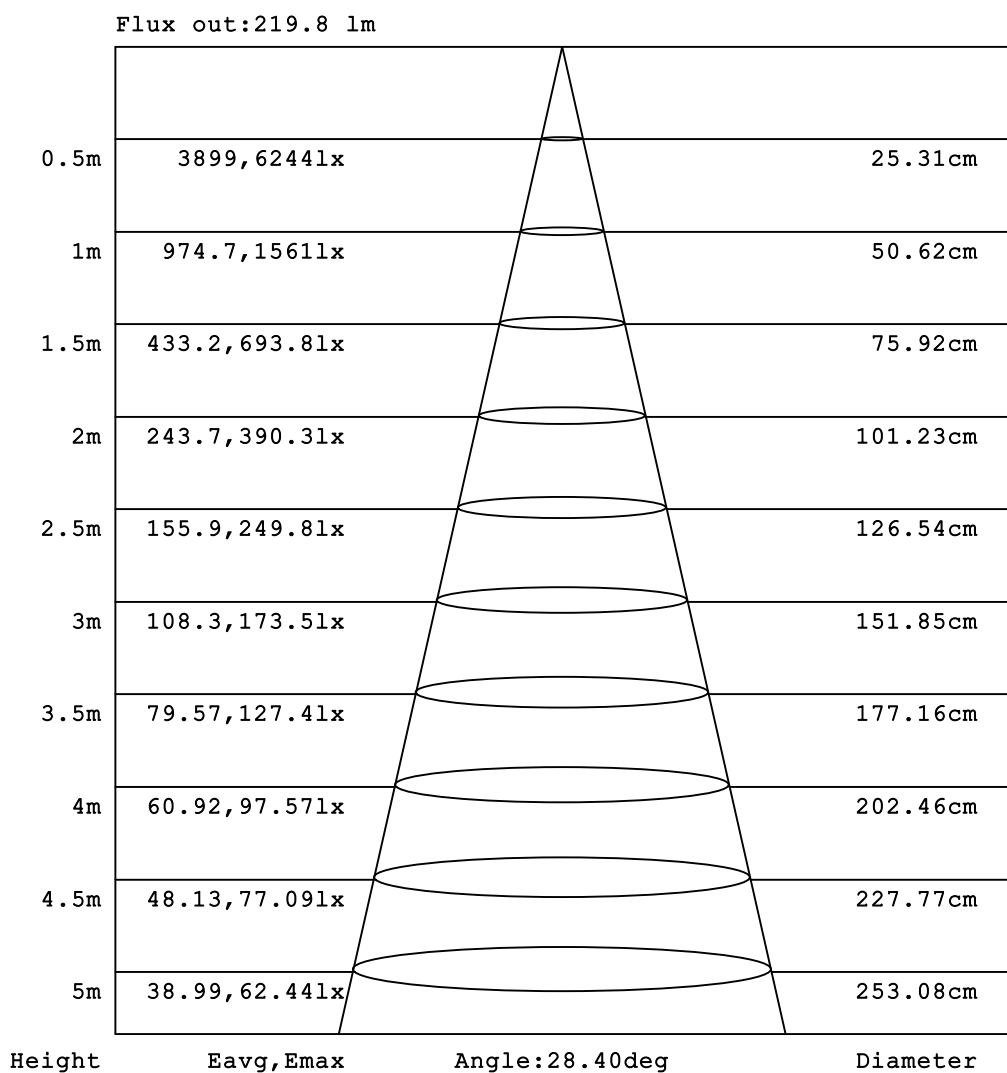


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |



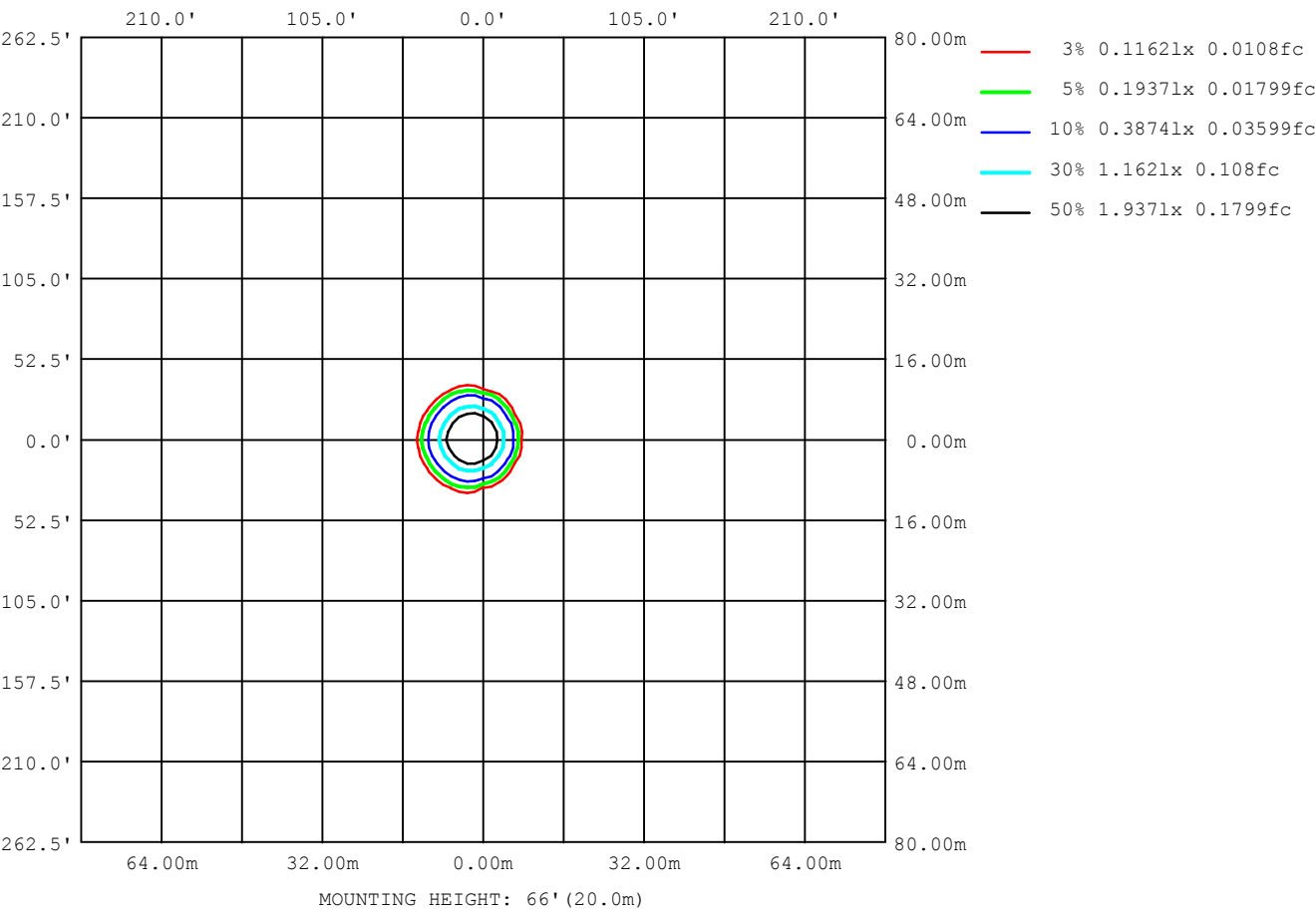
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:彭金英  
 Test Date:2025-7-15

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
 Humidity:60%  
 Test Distance:12.350m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

LED Avg.L Report

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |

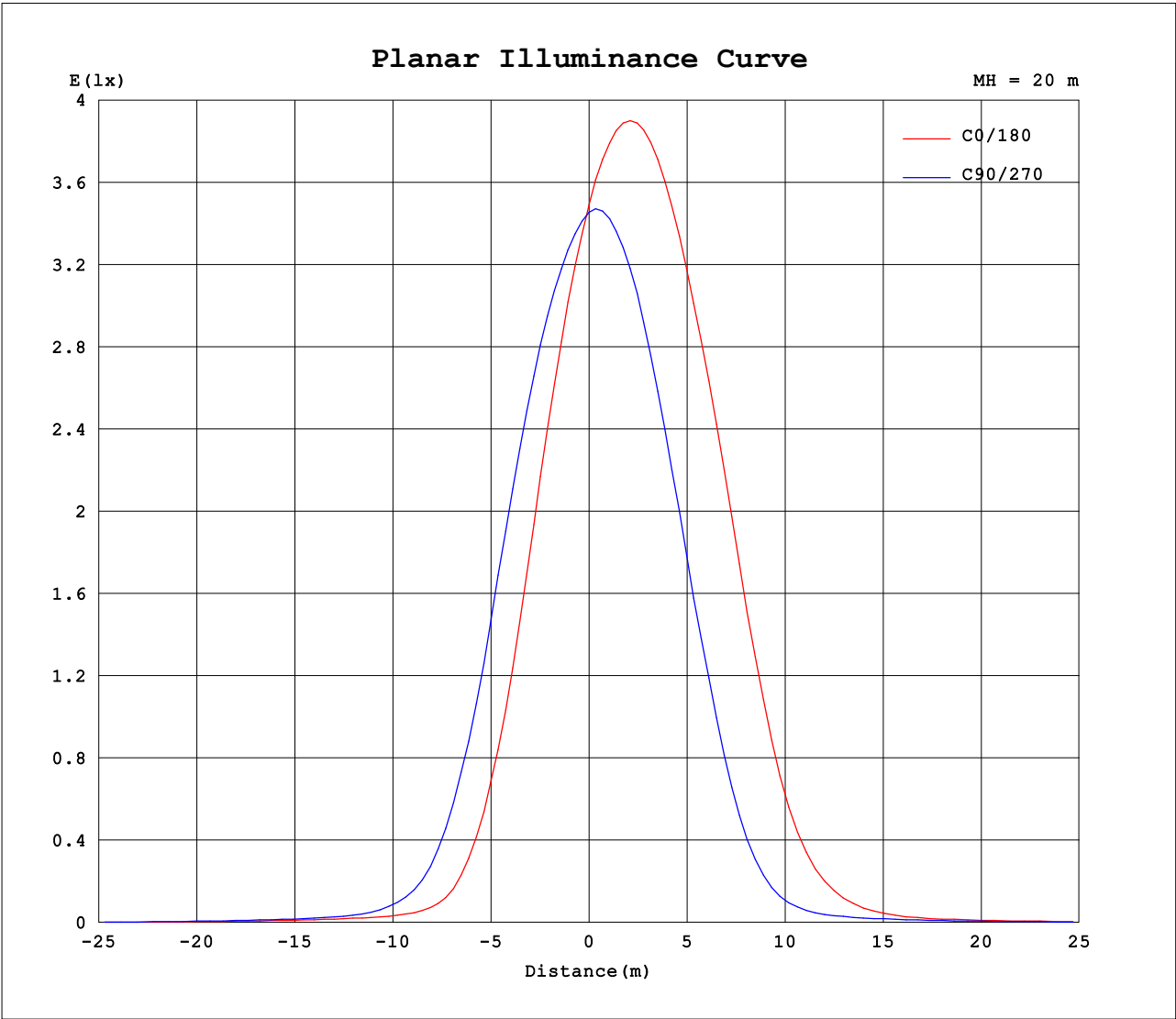
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 11852 |
| L_0~180 (75) av  | 9436  |
| L_0~180 (85) av  | 8801  |
| L_90~270 (65) av | 11225 |
| L_90~270 (75) av | 9090  |
| L_90~270 (85) av | 7285  |
| L_45 (65) av     | 11475 |
| L_45 (75) av     | 9287  |
| L_45 (85) av     | 8085  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:彭金英  
Test Date:2025-7-15

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6  
Humidity:60%  
Test Distance:12.350m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |       |                  |
|--------------------------------------------------------------------------------|-------|------------------|
| Test:U:47.997V I:0.1054A P:5.0589W PF:1.0000 Freq:49.99Hz Lamp Flux:426.2x1 lm |       |                  |
| NAME: 6876                                                                     | TYPE: | WEIGHT:          |
| SPEC.:                                                                         | DIM.: | SERIAL No.:      |
| MFR.:                                                                          | SUR.: | Shielding Angle: |

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.404.6
Humidity:60%
Test Distance:12.350m [K=1.0000]
Remarks:

```