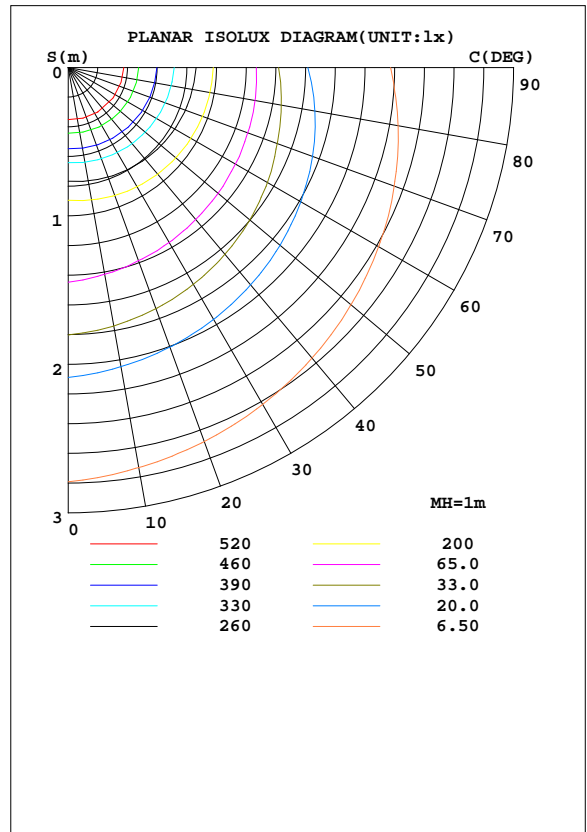
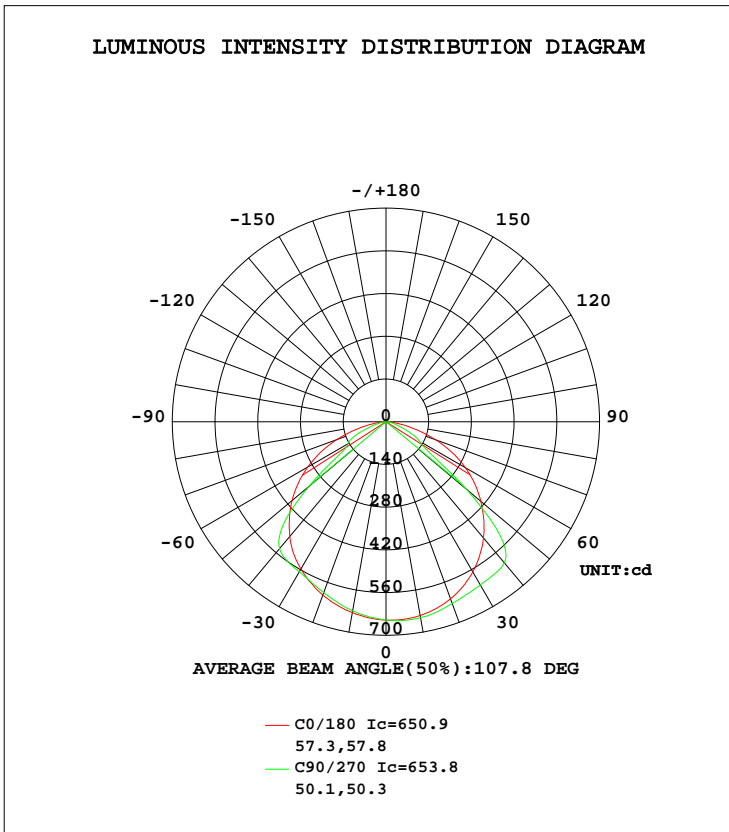


LUMINAIRE PHOTOMETRIC TEST REPORT

|  |              |                  |
|--|--------------|------------------|
| Test:U:120.16V I:0.1470A P:15.083W PF:0.8536 Freq:59.98Hz Lamp Flux:1740.8lx1 lm |              |                  |
| NAME: PM600335 HS-811  | TYPE:        | WEIGHT:          |
| SPEC.:   | DIM.:        | SERIAL No.:      |
| MFR.:  | SUR.: 0.02*1 | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 115.42 lm/W |        |                    |          |
|------------------|---------|-----------------------------------|--------|--------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 653.8  | S/MH(C0/180)       | 1.28     |
| NOMINAL POWER(W) |         | LOR(%)                            | 100.0  | S/MH(C90/270)      | 1.33     |
| RATED VOLTAGE(V) |         | TOTAL FLUX(lm)                    | 1740.8 | η UP, DN(C0-180)   | 0.3,50.3 |
| NOMINAL FLUX(lm) | 1740.81 | CIE CLASS                         | DIRECT | η UP, DN(C180-360) | 0.3,49.0 |
| LAMPS INSIDE     | 1       | η up(%)                           | 0.6    | CIBSE SHR NOM      | 1.50     |
| TEST VOLTAGE(V)  |         | η down(%)                         | 99.4   | CIBSE SHR MAX      | 1.50     |



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

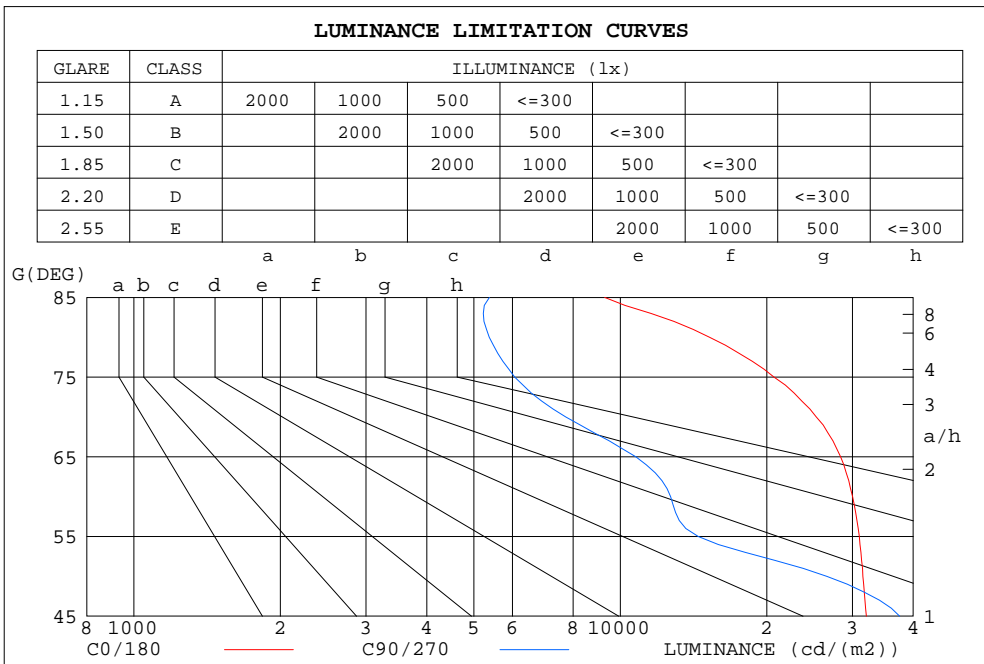
ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C90   | C180   | C270  |  |  |  | $\gamma$ | $\Phi$ zone | $\Phi$ total | $\Phi$ lum,lamp |
|----------|-----------------------|-------|--------|-------|--|--|--|----------|-------------|--------------|-----------------|
| 10       | 644.5                 | 652.2 | 635.1  | 629.5 |  |  |  | 0- 10    | 61.58       | 61.58        | 3.54,3.54       |
| 20       | 617.8                 | 633.8 | 604.5  | 596.2 |  |  |  | 10- 20   | 177.6       | 239.2        | 13.7,13.7       |
| 30       | 568.6                 | 618.1 | 557.1  | 568.1 |  |  |  | 20- 30   | 275.3       | 514.4        | 29.6,29.6       |
| 40       | 497.3                 | 603.0 | 490.3  | 542.7 |  |  |  | 30- 40   | 350.0       | 864.4        | 49.7,49.7       |
| 50       | 405.3                 | 341.7 | 401.5  | 330.9 |  |  |  | 40- 50   | 360.3       | 1225         | 70.4,70.4       |
| 60       | 300.3                 | 126.9 | 295.7  | 144.1 |  |  |  | 50- 60   | 245.7       | 1470         | 84.5,84.5       |
| 70       | 172.9                 | 52.85 | 171.6  | 68.92 |  |  |  | 60- 70   | 167.3       | 1638         | 94.1,94.1       |
| 80       | 52.98                 | 18.67 | 52.80  | 17.77 |  |  |  | 70- 80   | 76.10       | 1714         | 98.4,98.4       |
| 90       | 0.4986                | 3.756 | 1.576  | 3.059 |  |  |  | 80- 90   | 16.13       | 1730         | 99.4,99.4       |
| 100      | 0.4764                | 1.072 | 0.6076 | 1.169 |  |  |  | 90-100   | 1.167       | 1731         | 99.4,99.4       |
| 110      | 0.8678                | 1.294 | 1.033  | 1.441 |  |  |  | 100-110  | 1.034       | 1732         | 99.5,99.5       |
| 120      | 1.293                 | 1.708 | 1.493  | 1.878 |  |  |  | 110-120  | 1.362       | 1734         | 99.6,99.6       |
| 130      | 1.742                 | 2.088 | 1.953  | 2.315 |  |  |  | 120-130  | 1.621       | 1735         | 99.7,99.7       |
| 140      | 2.128                 | 2.372 | 2.338  | 2.599 |  |  |  | 130-140  | 1.702       | 1737         | 99.8,99.8       |
| 150      | 2.440                 | 2.627 | 2.622  | 2.888 |  |  |  | 140-150  | 1.565       | 1738         | 99.9,99.9       |
| 160      | 2.718                 | 2.860 | 2.860  | 3.121 |  |  |  | 150-160  | 1.283       | 1740         | 99.9,99.9       |
| 170      | 2.951                 | 3.019 | 3.042  | 3.166 |  |  |  | 160-170  | 0.8407      | 1741         | 100,100         |
| 180      | 3.110                 | 3.178 | 3.116  | 3.178 |  |  |  | 170-180  | 0.2941      | 1741         | 100,100         |
| DEG      | LUMINOUS INTENSITY:cd |       |        |       |  |  |  |          | UNIT:lm     |              |                 |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**



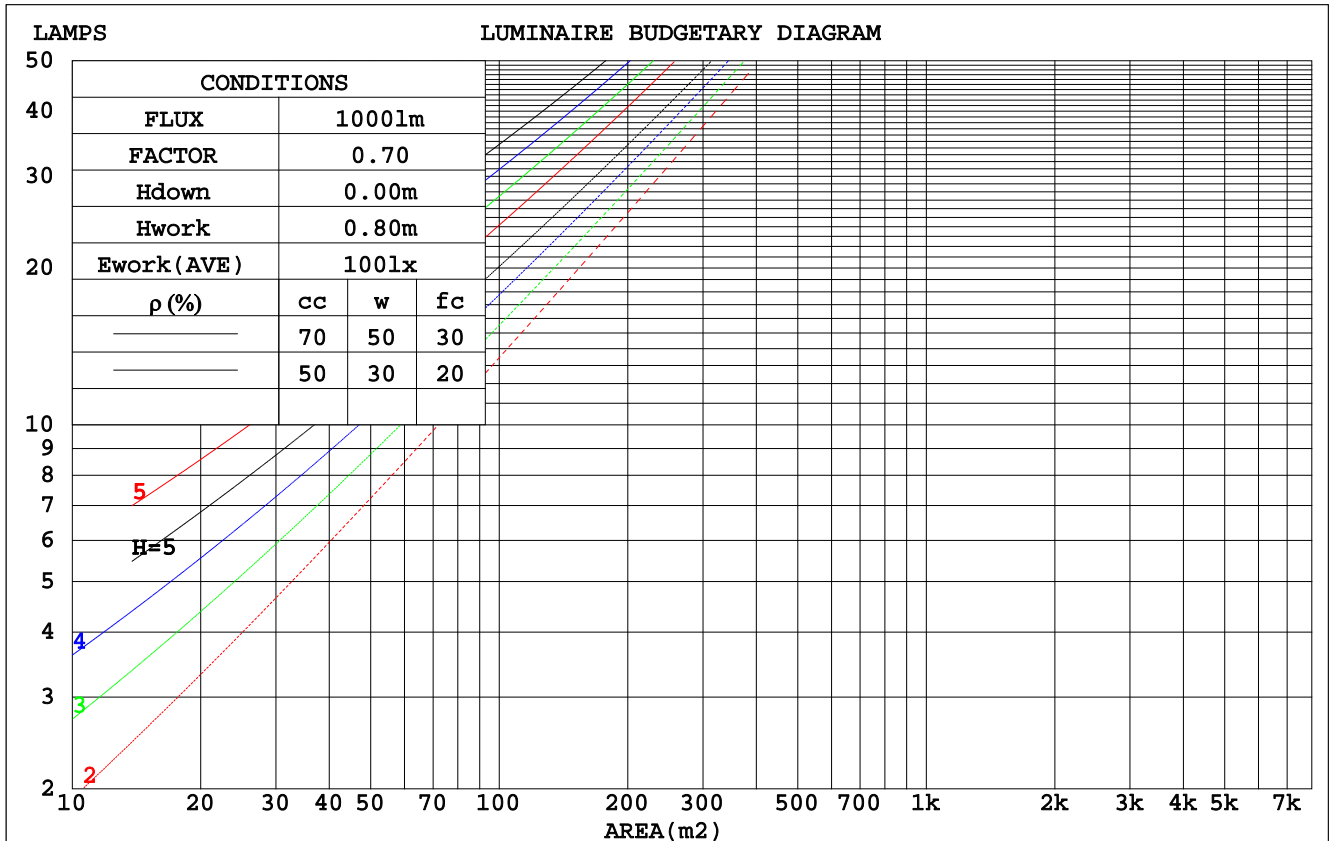
| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G( DEG)           | C0/180 | C90/270 |
| 85                | 9285   | 5383    |
| 80                | 15255  | 5375    |
| 75                | 20703  | 6066    |
| 70                | 25274  | 7726    |
| 65                | 28359  | 10763   |
| 60                | 30031  | 12692   |
| 55                | 31002  | 14463   |
| 50                | 31523  | 26578   |
| 45                | 32046  | 37524   |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

|             |                              |      |      |      |      |      |  |      |      |      |      |      |      |      |      |     |
|-------------|------------------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|-----|
| $\rho_{cc}$ | 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   |
| <b>RCR</b>  | <b>RCR:Room Cavity Ratio</b> |      |      |      |      |      | <b>Coefficients of Utilization(CU)</b> |      |      |      |      |      |      |      |      |     |
| 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 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0         | 1.05                         | 1.02 | .98  | 1.03 | .90  | .96  | .99                                    | .96  | .93  | .95  | .92  | .90  | .91  | .89  | .88  | .85 |
| 2.0         | .93                          | .87  | .81  | .91  | .85  | .80  | .87                                    | .82  | .78  | .84  | .80  | .76  | .81  | .78  | .75  | .73 |
| 3.0         | .82                          | .75  | .68  | .81  | .74  | .68  | .78                                    | .72  | .67  | .75  | .70  | .65  | .72  | .68  | .64  | .62 |
| 4.0         | .73                          | .65  | .59  | .72  | .64  | .58  | .69                                    | .63  | .57  | .67  | .61  | .56  | .65  | .60  | .56  | .54 |
| 5.0         | .66                          | .57  | .51  | .65  | .56  | .50  | .62                                    | .55  | .50  | .60  | .54  | .49  | .58  | .53  | .49  | .47 |
| 6.0         | .59                          | .51  | .44  | .58  | .50  | .44  | .56                                    | .49  | .44  | .55  | .48  | .43  | .53  | .47  | .43  | .41 |
| 7.0         | .54                          | .45  | .39  | .53  | .45  | .39  | .51                                    | .44  | .39  | .50  | .43  | .39  | .49  | .43  | .38  | .36 |
| 8.0         | .49                          | .41  | .35  | .48  | .41  | .35  | .47                                    | .40  | .35  | .46  | .39  | .35  | .45  | .39  | .34  | .32 |
| 9.0         | .45                          | .37  | .32  | .44  | .37  | .32  | .43                                    | .36  | .31  | .42  | .36  | .31  | .41  | .35  | .31  | .29 |
| 10.0        | .42                          | .34  | .29  | .41  | .34  | .29  | .40                                    | .33  | .28  | .39  | .33  | .28  | .38  | .32  | .28  | .26 |



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

WEC AND CCEC

| $\rho_{cc}$ | 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         | .278                  | .158 | .050 | .271 | .155 | .049 | .258                            | .148 | .047 | .245 | .141 | .045 | .234 | .136 | .044 |   |
| 2.0         | .267                  | .146 | .045 | .261 | .144 | .044 | .249                            | .138 | .043 | .238 | .134 | .042 | .228 | .129 | .041 |   |
| 3.0         | .251                  | .133 | .040 | .245 | .131 | .040 | .235                            | .127 | .039 | .225 | .123 | .038 | .216 | .120 | .037 |   |
| 4.0         | .234                  | .122 | .036 | .229 | .120 | .035 | .220                            | .117 | .035 | .211 | .114 | .034 | .203 | .111 | .034 |   |
| 5.0         | .218                  | .111 | .032 | .214 | .110 | .032 | .206                            | .107 | .032 | .198 | .105 | .031 | .191 | .102 | .031 |   |
| 6.0         | .204                  | .102 | .029 | .200 | .101 | .029 | .193                            | .099 | .029 | .186 | .097 | .028 | .180 | .095 | .028 |   |
| 7.0         | .191                  | .095 | .027 | .188 | .094 | .027 | .181                            | .092 | .026 | .175 | .090 | .026 | .169 | .088 | .026 |   |
| 8.0         | .179                  | .088 | .025 | .176 | .087 | .025 | .170                            | .085 | .024 | .165 | .084 | .024 | .160 | .082 | .024 |   |
| 9.0         | .169                  | .082 | .023 | .166 | .081 | .023 | .161                            | .079 | .023 | .156 | .078 | .022 | .151 | .077 | .022 |   |
| 10.0        | .159                  | .076 | .021 | .157 | .076 | .021 | .152                            | .074 | .021 | .147 | .073 | .021 | .143 | .072 | .021 |   |

| $\rho_{cc}$ | 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         | .195                  | .195 | .195 | .167 | .167 | .167 | .114                                       | .114 | .114 | .065 | .065 | .065 | .021 | .021 | .021 |   |
| 1.0         | .183                  | .161 | .142 | .157 | .138 | .122 | .107                                       | .095 | .084 | .062 | .055 | .049 | .020 | .018 | .016 |   |
| 2.0         | .174                  | .137 | .106 | .149 | .118 | .091 | .102                                       | .082 | .064 | .059 | .047 | .037 | .019 | .015 | .012 |   |
| 3.0         | .166                  | .119 | .082 | .142 | .103 | .071 | .097                                       | .071 | .050 | .056 | .042 | .029 | .018 | .014 | .010 |   |
| 4.0         | .158                  | .106 | .065 | .136 | .091 | .057 | .093                                       | .064 | .040 | .054 | .037 | .024 | .017 | .012 | .008 |   |
| 5.0         | .151                  | .095 | .054 | .130 | .082 | .047 | .089                                       | .057 | .033 | .052 | .034 | .020 | .017 | .011 | .006 |   |
| 6.0         | .144                  | .087 | .045 | .124 | .075 | .040 | .085                                       | .052 | .028 | .050 | .031 | .017 | .016 | .010 | .005 |   |
| 7.0         | .137                  | .080 | .039 | .118 | .069 | .034 | .082                                       | .048 | .024 | .047 | .029 | .014 | .015 | .009 | .005 |   |
| 8.0         | .131                  | .074 | .034 | .113 | .064 | .030 | .078                                       | .045 | .021 | .045 | .027 | .013 | .015 | .009 | .004 |   |
| 9.0         | .126                  | .069 | .031 | .108 | .060 | .027 | .075                                       | .042 | .019 | .044 | .025 | .011 | .014 | .008 | .004 |   |
| 10.0        | .120                  | .065 | .028 | .104 | .056 | .024 | .072                                       | .040 | .017 | .042 | .023 | .010 | .014 | .008 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|                 |                  |      |      |      |      |                |      |      |      |      |
|-----------------|------------------|------|------|------|------|----------------|------|------|------|------|
| 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   | 23.0             | 24.5 | 23.3 | 24.8 | 25.2 | 20.1           | 21.6 | 20.4 | 21.9 | 22.3 |
| 3H              | 24.8             | 26.2 | 25.2 | 26.5 | 26.9 | 21.0           | 22.4 | 21.4 | 22.8 | 23.1 |
| 4H              | 25.4             | 26.7 | 25.8 | 27.0 | 27.4 | 21.3           | 22.6 | 21.7 | 22.9 | 23.3 |
| 6H              | 25.7             | 26.9 | 26.1 | 27.3 | 27.7 | 21.4           | 22.6 | 21.8 | 23.0 | 23.4 |
| 8H              | 25.8             | 26.9 | 26.2 | 27.3 | 27.7 | 21.4           | 22.6 | 21.9 | 23.0 | 23.4 |
| 12H             | 25.8             | 26.9 | 26.3 | 27.3 | 27.7 | 21.5           | 22.6 | 21.9 | 23.0 | 23.4 |
| 4H 2H           | 23.2             | 24.5 | 23.6 | 24.8 | 25.2 | 21.1           | 22.4 | 21.5 | 22.8 | 23.2 |
| 3H              | 25.1             | 26.2 | 25.5 | 26.6 | 27.0 | 22.3           | 23.4 | 22.7 | 23.8 | 24.2 |
| 4H              | 25.8             | 26.8 | 26.2 | 27.2 | 27.6 | 22.6           | 23.6 | 23.1 | 24.0 | 24.5 |
| 6H              | 26.2             | 27.1 | 26.7 | 27.5 | 28.0 | 22.8           | 23.7 | 23.3 | 24.1 | 24.6 |
| 8H              | 26.3             | 27.1 | 26.8 | 27.6 | 28.1 | 22.9           | 23.7 | 23.4 | 24.1 | 24.6 |
| 12H             | 26.4             | 27.1 | 26.9 | 27.6 | 28.1 | 22.9           | 23.6 | 23.4 | 24.1 | 24.6 |
| 8H 4H           | 25.8             | 26.6 | 26.3 | 27.0 | 27.5 | 23.1           | 23.9 | 23.5 | 24.3 | 24.8 |
| 6H              | 26.3             | 26.9 | 26.8 | 27.5 | 27.9 | 23.4           | 24.0 | 23.9 | 24.5 | 25.0 |
| 8H              | 26.4             | 27.0 | 27.0 | 27.5 | 28.0 | 23.5           | 24.1 | 24.0 | 24.6 | 25.1 |
| 12H             | 26.5             | 27.0 | 27.0 | 27.5 | 28.1 | 23.6           | 24.1 | 24.1 | 24.6 | 25.1 |
| 12H 4H          | 25.8             | 26.5 | 26.3 | 27.0 | 27.5 | 23.1           | 23.8 | 23.6 | 24.3 | 24.8 |
| 6H              | 26.3             | 26.9 | 26.8 | 27.3 | 27.9 | 23.5           | 24.0 | 24.0 | 24.5 | 25.1 |
| 8H              | 26.4             | 27.0 | 27.0 | 27.5 | 28.0 | 23.6           | 24.1 | 24.1 | 24.6 | 25.2 |
| CIE190: 2010    |                  |      |      |      |      |                |      |      |      |      |
|                 |                  |      |      |      |      |                |      |      |      |      |

CIE190: 2010  
Area: 0.02 m2

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JINZHI  
Test Date:2022-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
Humidity:65.0%  
Test Distance:8.450m [K=1.0000]  
Remarks:

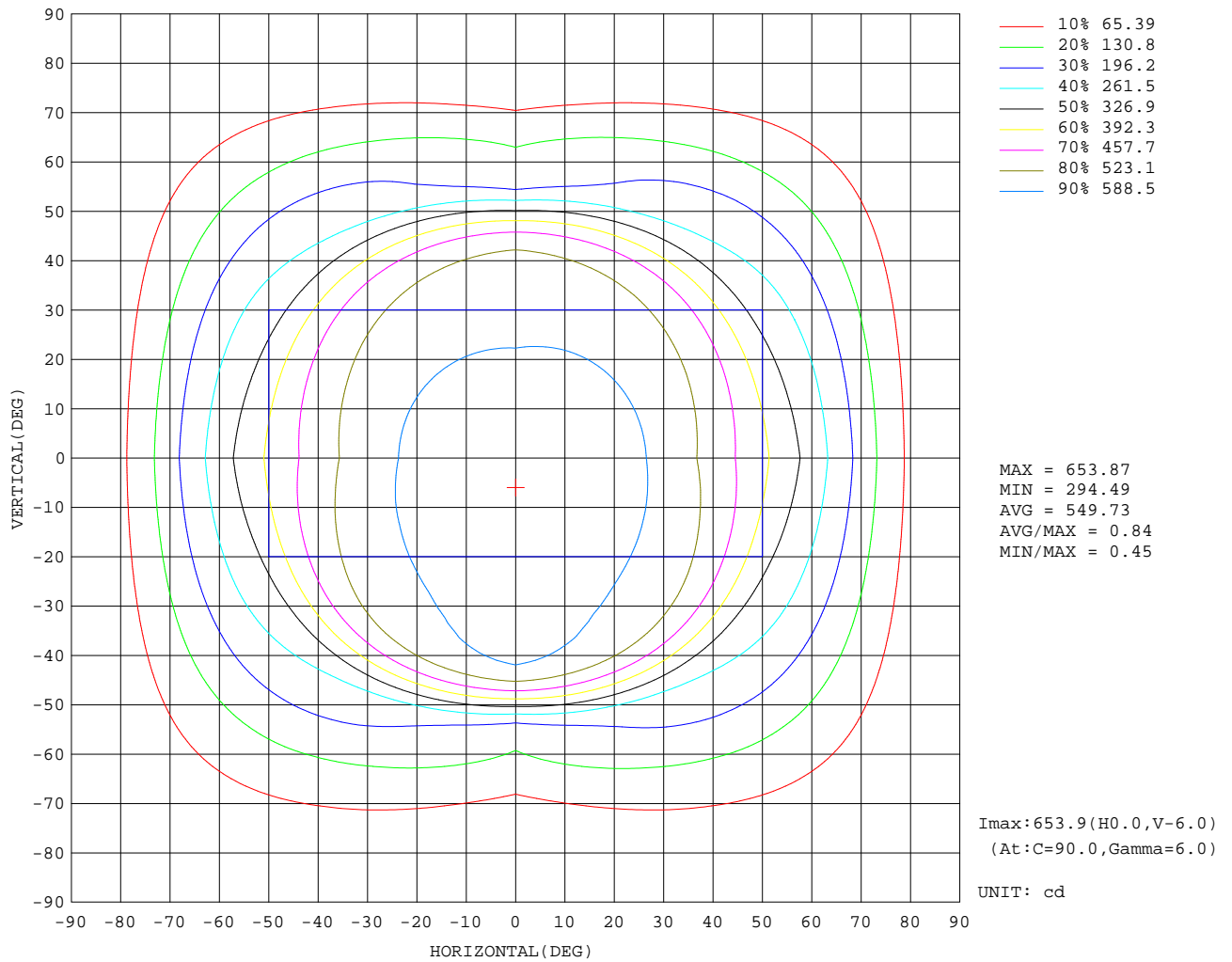
UTILIZATION FACTORS TABLE

| 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                         | 60  | 49  | 42        | 59  | 49  | 42  | 58            | 48  | 42  | 36     |
| 0.80                             | 71  | 60  | 53        | 70  | 59  | 52  | 68            | 58  | 52  | 45     |
| 1.00                             | 79  | 69  | 62        | 78  | 68  | 62  | 76            | 69  | 61  | 54     |
| 1.25                             | 86  | 76  | 70        | 85  | 76  | 69  | 82            | 74  | 69  | 62     |
| 1.50                             | 91  | 82  | 75        | 89  | 81  | 75  | 86            | 79  | 74  | 67     |
| 2.00                             | 97  | 90  | 84        | 96  | 88  | 83  | 92            | 86  | 81  | 74     |
| 2.50                             | 101   | 94  | 88        | 99  | 92  | 87  | 95            | 90  | 85  | 77     |
| 3.00                             | 104   | 98  | 93        | 102 | 96  | 92  | 98            | 93  | 89  | 81     |
| 4.00                             | 108   | 102 | 98        | 105 | 101 | 97  | 101           | 97  | 94  | 85     |
| 5.00                             | 110   | 105 | 102       | 107 | 103 | 100 | 103           | 100 | 97  | 88     |
| ROOM INDEX                       | UF(total)   |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |   |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

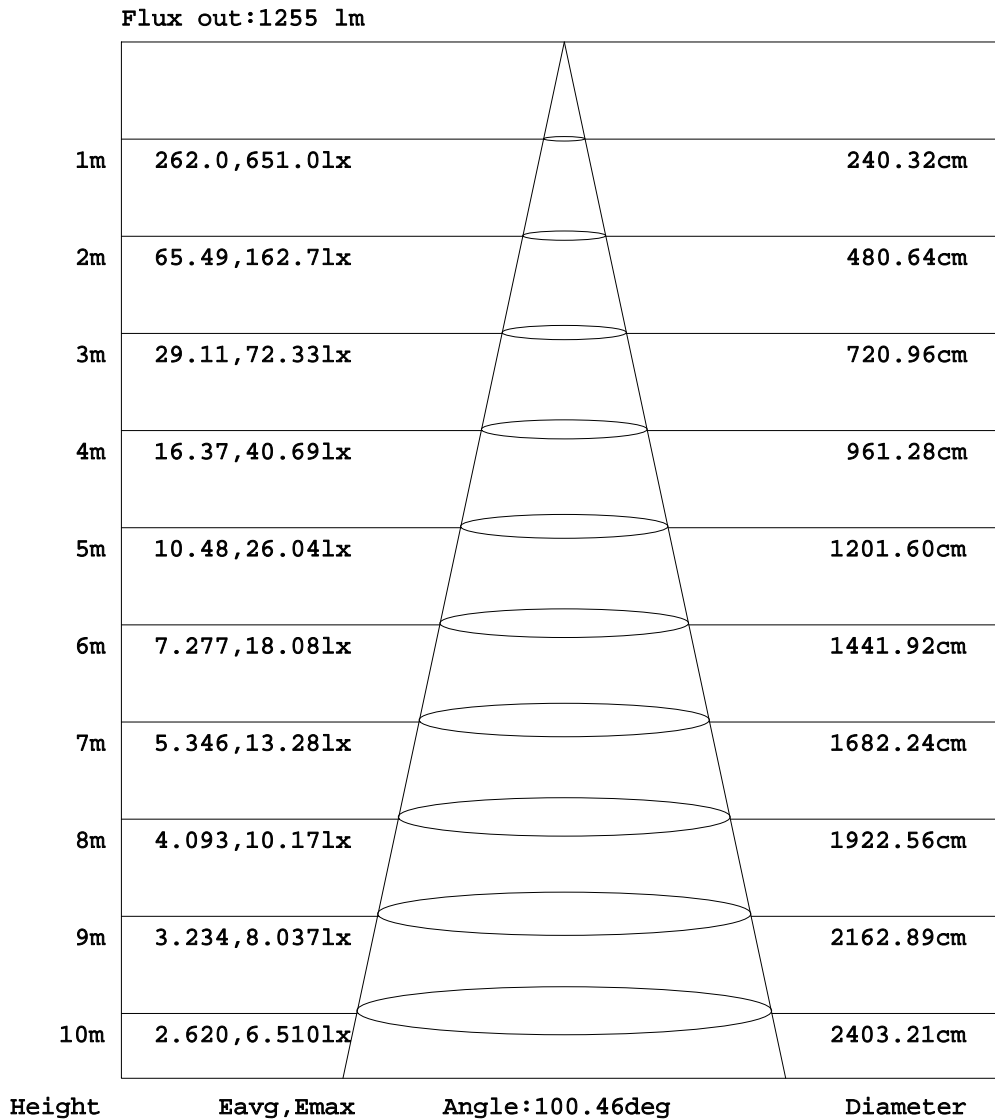


C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:



AAI Figure

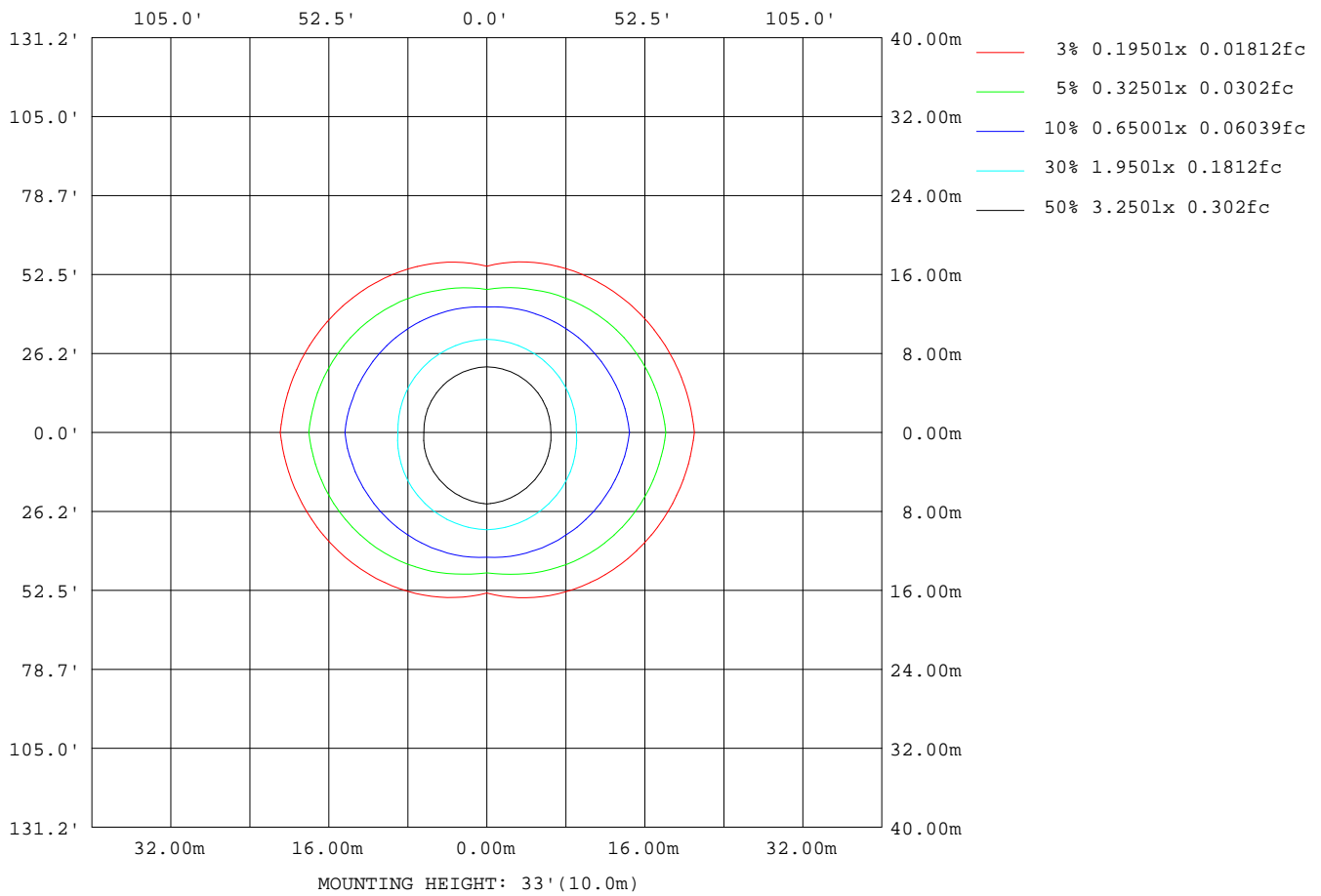


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

LED Avg.L Report

|  |              |                  |
|--|--------------|------------------|
| Test:U:120.16V I:0.1470A P:15.083W PF:0.8536 Freq:59.98Hz Lamp Flux:1740.8lx1 lm |              |                  |
| NAME: PM600335 HS-811  | TYPE:        | WEIGHT:          |
| SPEC.:   | DIM.:        | SERIAL No.:      |
| MFR.:  | SUR.: 0.02*1 | Shielding Angle: |

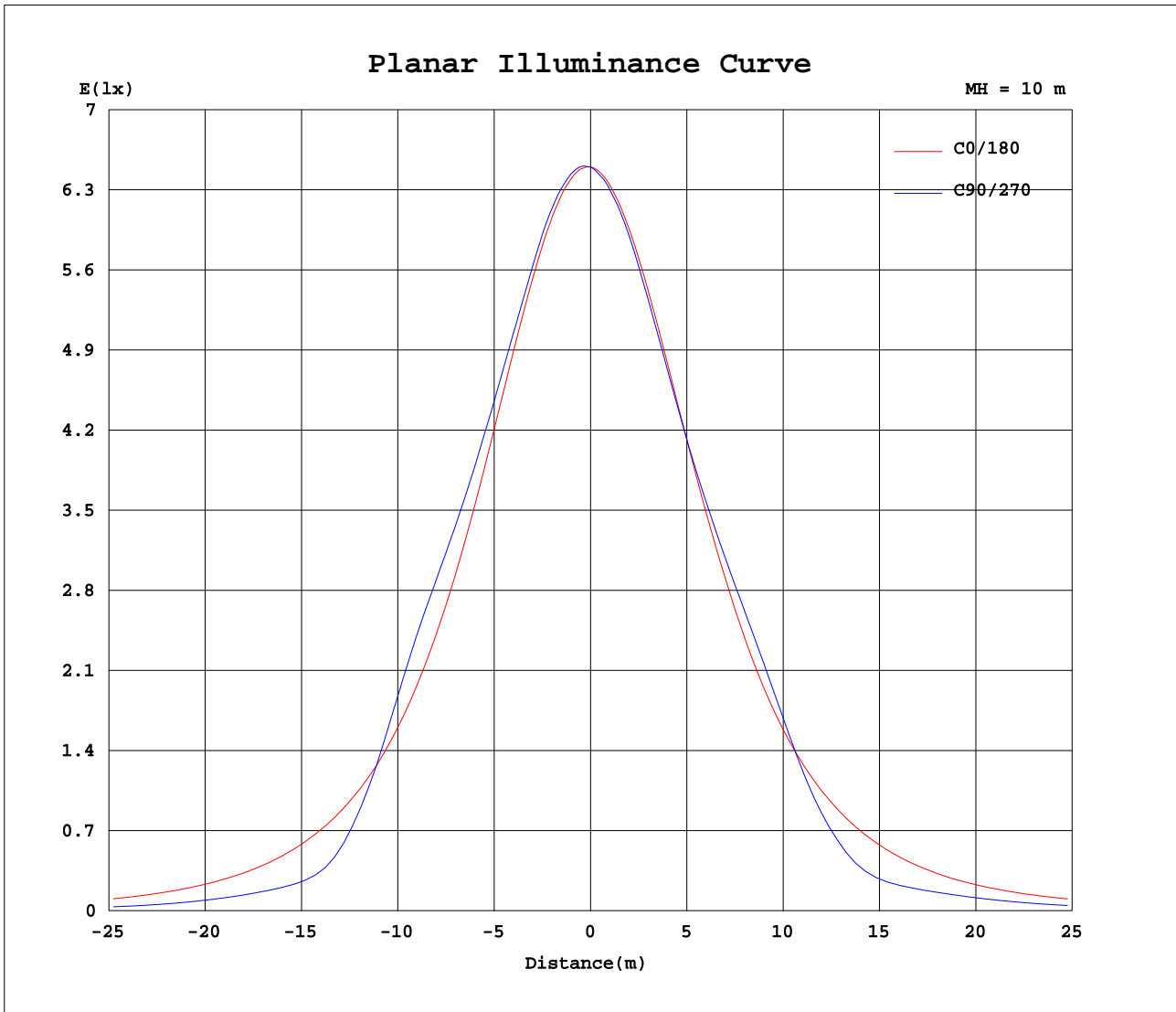
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 28153 |
| L_0~180(75)av  | 20696 |
| L_0~180(85)av  | 9438  |
| L_90~270(65)av | 12241 |
| L_90~270(75)av | 6328  |
| L_90~270(85)av | 4994  |
| L_45(65)av     | 18194 |
| L_45(75)av     | 11715 |
| L_45(85)av     | 6669  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
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 Temperature:25.3DEG  
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 Test Date:2022-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 90   | 180  | 270  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                 | 650  | 650  | 650  | 650  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                 | 650  | 654  | 645  | 642  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                | 645  | 652  | 635  | 630  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                | 634  | 645  | 622  | 613  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                | 618  | 634  | 604  | 596  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                | 596  | 625  | 583  | 580  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                | 569  | 618  | 557  | 568  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                | 535  | 613  | 528  | 560  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                | 497  | 603  | 490  | 543  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                | 453  | 531  | 448  | 476  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                | 405  | 342  | 402  | 331  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                | 356  | 166  | 351  | 182  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                | 300  | 127  | 296  | 144  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                | 240  | 91.0 | 236  | 116  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                | 173  | 52.8 | 172  | 68.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                | 107  | 31.4 | 107  | 34.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                | 53.0 | 18.7 | 52.8 | 17.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                | 16.2 | 9.38 | 16.7 | 8.03 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                | 0.50 | 3.76 | 1.58 | 3.06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                | 0.31 | 1.26 | 0.44 | 1.19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100               | 0.48 | 1.07 | 0.61 | 1.17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105               | 0.67 | 1.14 | 0.81 | 1.27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110               | 0.87 | 1.29 | 1.03 | 1.44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115               | 1.08 | 1.49 | 1.26 | 1.66 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120               | 1.29 | 1.71 | 1.49 | 1.88 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125               | 1.52 | 1.90 | 1.74 | 2.11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130               | 1.74 | 2.09 | 1.95 | 2.31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135               | 1.95 | 2.25 | 2.16 | 2.47 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140               | 2.13 | 2.37 | 2.34 | 2.60 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145               | 2.28 | 2.49 | 2.49 | 2.71 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150               | 2.44 | 2.63 | 2.62 | 2.89 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155               | 2.59 | 2.77 | 2.75 | 3.04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160               | 2.72 | 2.86 | 2.86 | 3.12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165               | 2.85 | 2.95 | 2.96 | 3.15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170               | 2.95 | 3.02 | 3.04 | 3.17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175               | 3.05 | 3.09 | 3.09 | 3.18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180               | 3.11 | 3.18 | 3.12 | 3.18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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