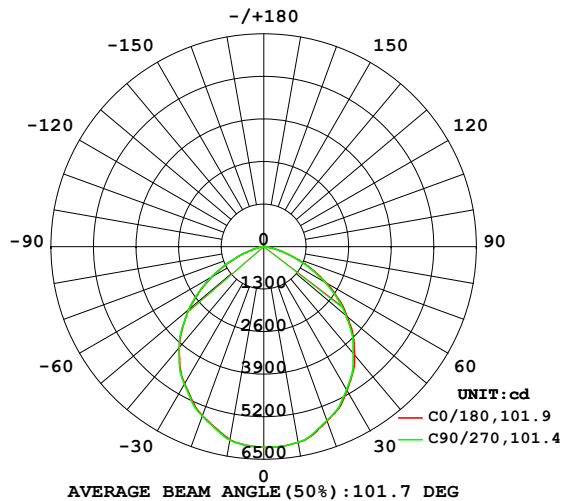


## LUMINAIRE PHOTOMETRIC TEST REPORT

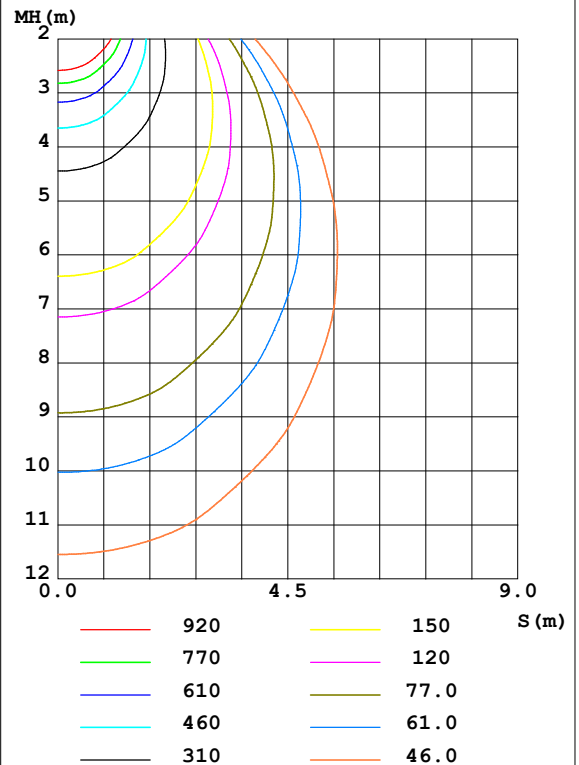
|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |

| DATA OF LAMP     |                      | PHOTOMETRIC DATA Eff: 141.59 lm/W |        |                   |          |
|------------------|----------------------|-----------------------------------|--------|-------------------|----------|
| MODEL            | EPC100WS1D65D120V15T | I <sub>max</sub> (cd)             | 6133   | S/MH(C0/180)      | 1.18     |
| NOMINAL POWER(W) | 100                  | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.19     |
| RATED VOLTAGE(V) | 120                  | TOTAL FLUX(lm)                    | 14600  | η UP,DN(C0-180)   | 0.0,52.1 |
| NOMINAL FLUX(lm) | 14599.6              | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.0,47.9 |
| LAMPS INSIDE     | 1                    | η up(%)                           | 0.0    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 120                  | η down(%)                         | 100.0  | CIBSE SHR MAX     | 1.35     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

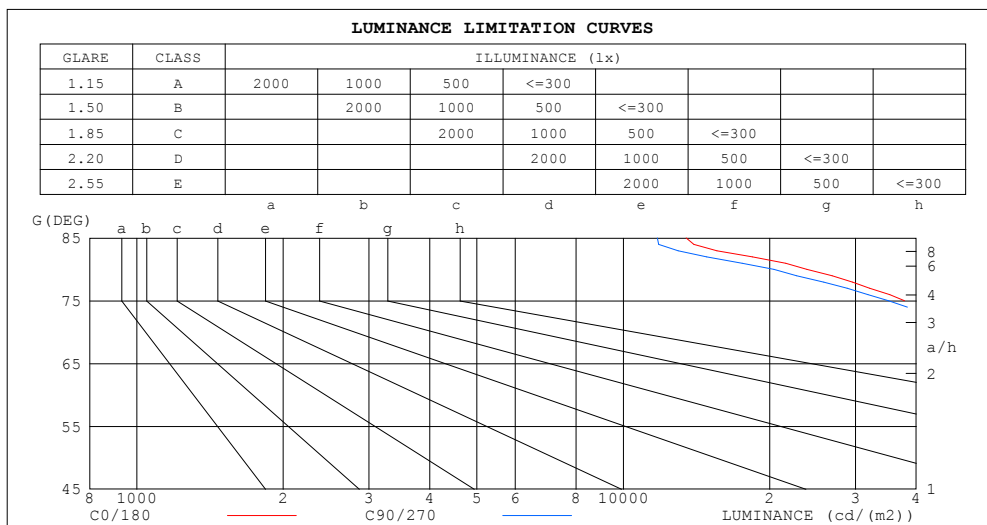
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 6072                  | 6076  | 6069  | 6051  | 5986  | 5980  | 6002  | 6023  | 0- 10    | 580.8       | 580.8        | 3.98,3.98  |
| 20       | 5665                  | 5671  | 5649  | 5606  | 5496  | 5492  | 5512  | 5552  | 10- 20   | 1642        | 2223         | 15.2,15.2  |
| 30       | 5083                  | 5098  | 5050  | 4996  | 4837  | 4836  | 4856  | 4902  | 20- 30   | 2443        | 4666         | 32,32      |
| 40       | 4313                  | 4322  | 4253  | 4193  | 4025  | 4000  | 4029  | 4087  | 30- 40   | 2869        | 7535         | 51.6,51.6  |
| 50       | 3334                  | 3321  | 3271  | 3174  | 2991  | 2954  | 3001  | 3052  | 40- 50   | 2826        | 10361        | 71,71      |
| 60       | 2199                  | 2185  | 2145  | 2028  | 1807  | 1778  | 1831  | 1889  | 50- 60   | 2291        | 12652        | 86.7,86.7  |
| 70       | 1037                  | 1043  | 989.5 | 904.7 | 709.2 | 716.2 | 750.3 | 800.2 | 60- 70   | 1392        | 14044        | 96.2,96.2  |
| 80       | 235.7                 | 229.6 | 201.8 | 177.4 | 90.09 | 105.4 | 114.9 | 138.9 | 70- 80   | 493.0       | 14537        | 99.6,99.6  |
| 90       | 8.334                 | 6.282 | 5.226 | 5.300 | 7.217 | 7.014 | 6.827 | 6.530 | 80- 90   | 62.52       | 14600        | 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: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

## LUMINANCE LIMITATION CURVES

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 13471  | 11748   |
| 80                | 23825  | 20386   |
| 75                | 37836  | 35085   |
| 70                | 53186  | 50748   |
| 65                | 66444  | 64368   |
| 60                | 77186  | 75235   |
| 55                | 85259  | 83358   |
| 50                | 91010  | 89269   |
| 45                | 95921  | 94887   |

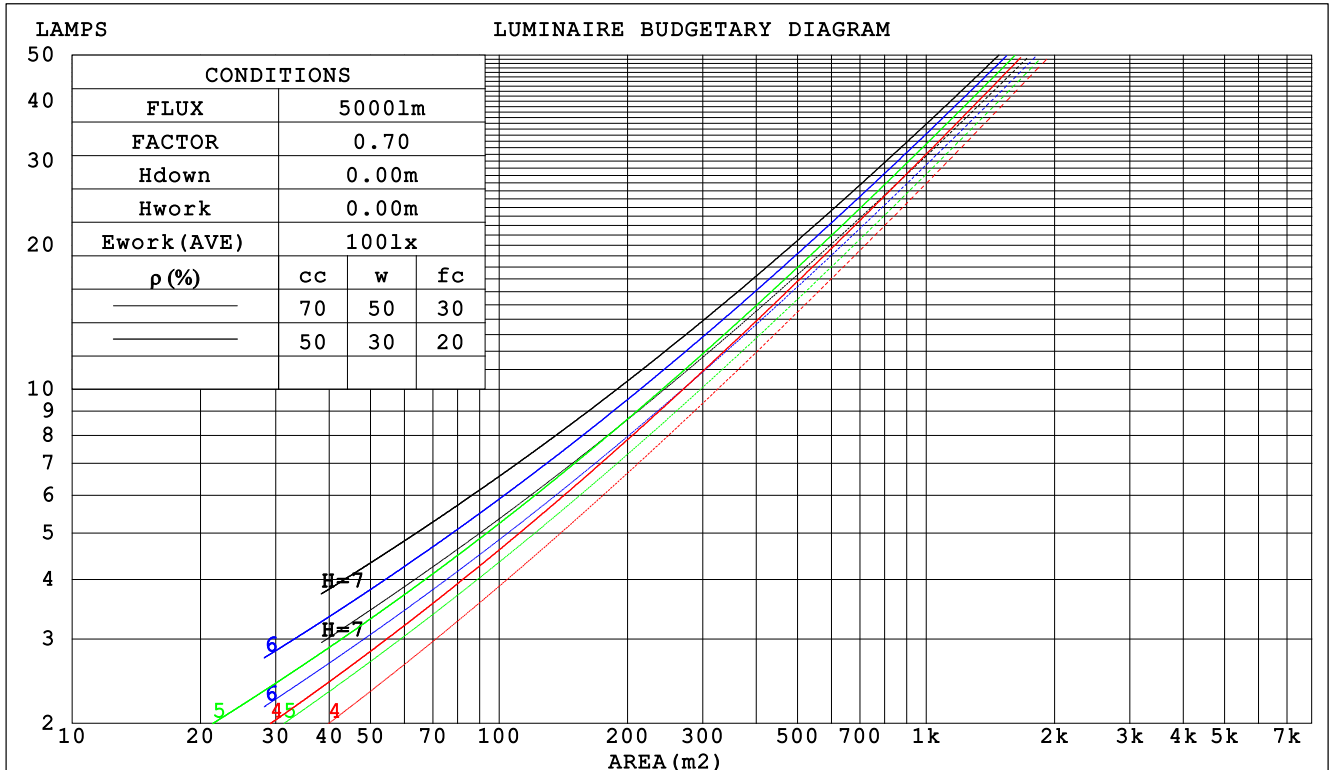
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HL  
Test Date: 18 December 2025

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity: 65.0%  
Test Distance: 9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | 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                   | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| RCR:Room Cavity Ratio |                                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 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                   | 1.06                            | 1.02 | .99  | 1.04 | 1.00 | .97  | .00  | .97  | .94  | .96  | .94  | .92  | .92  | .90  | .89  | .87 |
| 2.0                   | .94                             | .88  | .83  | .92  | .86  | .82  | .88  | .84  | .80  | .85  | .81  | .78  | .82  | .79  | .76  | .74 |
| 3.0                   | .83                             | .76  | .70  | .82  | .75  | .69  | .79  | .73  | .68  | .76  | .71  | .67  | .74  | .69  | .66  | .64 |
| 4.0                   | .74                             | .66  | .60  | .73  | .65  | .59  | .71  | .64  | .59  | .68  | .63  | .58  | .66  | .61  | .57  | .55 |
| 5.0                   | .67                             | .58  | .52  | .66  | .58  | .52  | .64  | .57  | .51  | .62  | .55  | .51  | .60  | .54  | .50  | .48 |
| 6.0                   | .60                             | .52  | .46  | .59  | .51  | .46  | .58  | .50  | .45  | .56  | .50  | .45  | .54  | .49  | .44  | .42 |
| 7.0                   | .55                             | .46  | .41  | .54  | .46  | .40  | .53  | .45  | .40  | .51  | .45  | .40  | .50  | .44  | .40  | .38 |
| 8.0                   | .50                             | .42  | .36  | .49  | .42  | .36  | .48  | .41  | .36  | .47  | .41  | .36  | .46  | .40  | .36  | .34 |
| 9.0                   | .46                             | .38  | .33  | .46  | .38  | .33  | .44  | .37  | .33  | .43  | .37  | .32  | .42  | .37  | .32  | .31 |
| 10.0                  | .43                             | .35  | .30  | .42  | .35  | .30  | .41  | .34  | .30  | .40  | .34  | .30  | .39  | .34  | .29  | .28 |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### WEC AND CCEC

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | 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 |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .267                  | .152 | .048 | .260 | .148 | .047 | .247                             | .142 | .045 | .235 | .136 | .044 | .224 | .130 | .042 |   |  |
| 2.0  | .259                  | .142 | .044 | .253 | .140 | .043 | .242                             | .135 | .042 | .231 | .130 | .041 | .222 | .125 | .040 |   |  |
| 3.0  | .245                  | .131 | .039 | .240 | .128 | .039 | .230                             | .125 | .038 | .221 | .121 | .037 | .212 | .117 | .036 |   |  |
| 4.0  | .230                  | .119 | .035 | .225 | .118 | .035 | .216                             | .115 | .034 | .208 | .112 | .034 | .200 | .109 | .033 |   |  |
| 5.0  | .215                  | .110 | .032 | .211 | .108 | .032 | .203                             | .106 | .031 | .196 | .103 | .031 | .189 | .101 | .030 |   |  |
| 6.0  | .201                  | .101 | .029 | .198 | .100 | .029 | .191                             | .098 | .028 | .184 | .096 | .028 | .178 | .094 | .028 |   |  |
| 7.0  | .189                  | .093 | .026 | .185 | .092 | .026 | .179                             | .091 | .026 | .173 | .089 | .026 | .168 | .087 | .026 |   |  |
| 8.0  | .177                  | .087 | .024 | .174 | .086 | .024 | .169                             | .084 | .024 | .163 | .083 | .024 | .158 | .081 | .024 |   |  |
| 9.0  | .167                  | .081 | .023 | .164 | .080 | .022 | .159                             | .079 | .022 | .154 | .077 | .022 | .150 | .076 | .022 |   |  |
| 10.0 | .158                  | .076 | .021 | .155 | .075 | .021 | .151                             | .074 | .021 | .146 | .073 | .021 | .142 | .072 | .021 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |  |
| 1.0  | .177                  | .157 | .138 | .152 | .134 | .119 | .104                                       | .092 | .082 | .060 | .053 | .048 | .019 | .017 | .015 |   |  |
| 2.0  | .168                  | .132 | .102 | .144 | .114 | .088 | .099                                       | .079 | .061 | .057 | .046 | .036 | .018 | .015 | .012 |   |  |
| 3.0  | .160                  | .114 | .078 | .137 | .098 | .067 | .094                                       | .068 | .047 | .054 | .040 | .028 | .017 | .013 | .009 |   |  |
| 4.0  | .152                  | .101 | .061 | .131 | .087 | .053 | .090                                       | .061 | .037 | .052 | .035 | .022 | .017 | .012 | .007 |   |  |
| 5.0  | .145                  | .090 | .049 | .124 | .078 | .043 | .086                                       | .054 | .030 | .050 | .032 | .018 | .016 | .010 | .006 |   |  |
| 6.0  | .138                  | .082 | .041 | .119 | .071 | .036 | .082                                       | .049 | .025 | .047 | .029 | .015 | .015 | .010 | .005 |   |  |
| 7.0  | .132                  | .075 | .035 | .113 | .065 | .030 | .078                                       | .045 | .021 | .045 | .027 | .013 | .015 | .009 | .004 |   |  |
| 8.0  | .125                  | .069 | .030 | .108 | .060 | .026 | .075                                       | .042 | .018 | .043 | .025 | .011 | .014 | .008 | .004 |   |  |
| 9.0  | .120                  | .064 | .026 | .103 | .055 | .023 | .071                                       | .039 | .016 | .042 | .023 | .010 | .013 | .008 | .003 |   |  |
| 10.0 | .114                  | .060 | .023 | .099 | .052 | .020 | .068                                       | .036 | .014 | .040 | .022 | .009 | .013 | .007 | .003 |   |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### UGR(Unified Glare Rating) Table

|                                                                                  |                  |      |      |      |       |                |      |                  |      |      |
|----------------------------------------------------------------------------------|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |                  |      |      |      |       |                |      |                  |      |      |
| NAME: EPC100WS1D65D120V15T                                                       |                  |      |      |      | TYPE: |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                           |                  |      |      |      | DIM.: |                |      | SERIAL No.:      |      |      |
| MFR.: Fanmei                                                                     |                  |      |      |      | 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                                                                    | 28.4             | 29.8 | 28.7 | 30.0 | 30.2  | 28.3           | 29.8 | 28.6             | 30.0 | 30.2 |
| 3H                                                                               | 29.4             | 30.7 | 29.6 | 30.9 | 31.1  | 29.2           | 30.5 | 29.5             | 30.8 | 31.0 |
| 4H                                                                               | 29.6             | 30.8 | 29.9 | 31.0 | 31.3  | 29.4           | 30.7 | 29.7             | 30.9 | 31.2 |
| 6H                                                                               | 29.6             | 30.8 | 29.9 | 31.0 | 31.3  | 29.4           | 30.6 | 29.8             | 30.9 | 31.1 |
| 8H                                                                               | 29.6             | 30.7 | 29.9 | 31.0 | 31.3  | 29.4           | 30.5 | 29.7             | 30.8 | 31.1 |
| 12H                                                                              | 29.6             | 30.6 | 29.9 | 30.9 | 31.2  | 29.4           | 30.4 | 29.7             | 30.7 | 31.0 |
| 4H 2H                                                                            | 28.9             | 30.1 | 29.2 | 30.3 | 30.6  | 28.8           | 30.0 | 29.1             | 30.3 | 30.5 |
| 3H                                                                               | 29.9             | 31.0 | 30.3 | 31.3 | 31.6  | 29.8           | 30.9 | 30.2             | 31.2 | 31.5 |
| 4H                                                                               | 30.2             | 31.2 | 30.6 | 31.5 | 31.8  | 30.1           | 31.1 | 30.4             | 31.4 | 31.7 |
| 6H                                                                               | 30.3             | 31.2 | 30.7 | 31.5 | 31.9  | 30.1           | 31.0 | 30.5             | 31.4 | 31.7 |
| 8H                                                                               | 30.3             | 31.1 | 30.7 | 31.5 | 31.9  | 30.1           | 30.9 | 30.5             | 31.3 | 31.7 |
| 12H                                                                              | 30.3             | 31.0 | 30.7 | 31.4 | 31.8  | 30.1           | 30.8 | 30.5             | 31.2 | 31.6 |
| 8H 4H                                                                            | 30.3             | 31.1 | 30.7 | 31.4 | 31.8  | 30.1           | 30.9 | 30.6             | 31.3 | 31.7 |
| 6H                                                                               | 30.4             | 31.1 | 30.9 | 31.5 | 31.9  | 30.3           | 30.9 | 30.7             | 31.3 | 31.7 |
| 8H                                                                               | 30.4             | 31.0 | 30.9 | 31.4 | 31.9  | 30.3           | 30.8 | 30.7             | 31.3 | 31.7 |
| 12H                                                                              | 30.4             | 30.9 | 30.9 | 31.4 | 31.8  | 30.2           | 30.7 | 30.7             | 31.2 | 31.7 |
| 12H 4H                                                                           | 30.2             | 31.0 | 30.7 | 31.3 | 31.7  | 30.1           | 30.8 | 30.5             | 31.2 | 31.6 |
| 6H                                                                               | 30.4             | 31.0 | 30.9 | 31.4 | 31.9  | 30.2           | 30.8 | 30.7             | 31.2 | 31.7 |
| 8H                                                                               | 30.4             | 30.9 | 30.9 | 31.4 | 31.8  | 30.2           | 30.7 | 30.7             | 31.2 | 31.7 |
| Variations with the observer position at spacings:                               |                  |      |      |      |       |                |      |                  |      |      |
| S = 1.0H                                                                         | + 0.3 / - 0.4    |      |      |      |       | + 0.3 / - 0.4  |      |                  |      |      |
| 1.5H                                                                             | + 0.2 / - 0.5    |      |      |      |       | + 0.3 / - 0.5  |      |                  |      |      |
| 2.0H                                                                             | + 0.5 / - 0.5    |      |      |      |       | + 0.5 / - 0.5  |      |                  |      |      |

CIE Pub.117, 14600 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.3)  
Area: 0.057 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### UTILIZATION FACTORS TABLE

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |

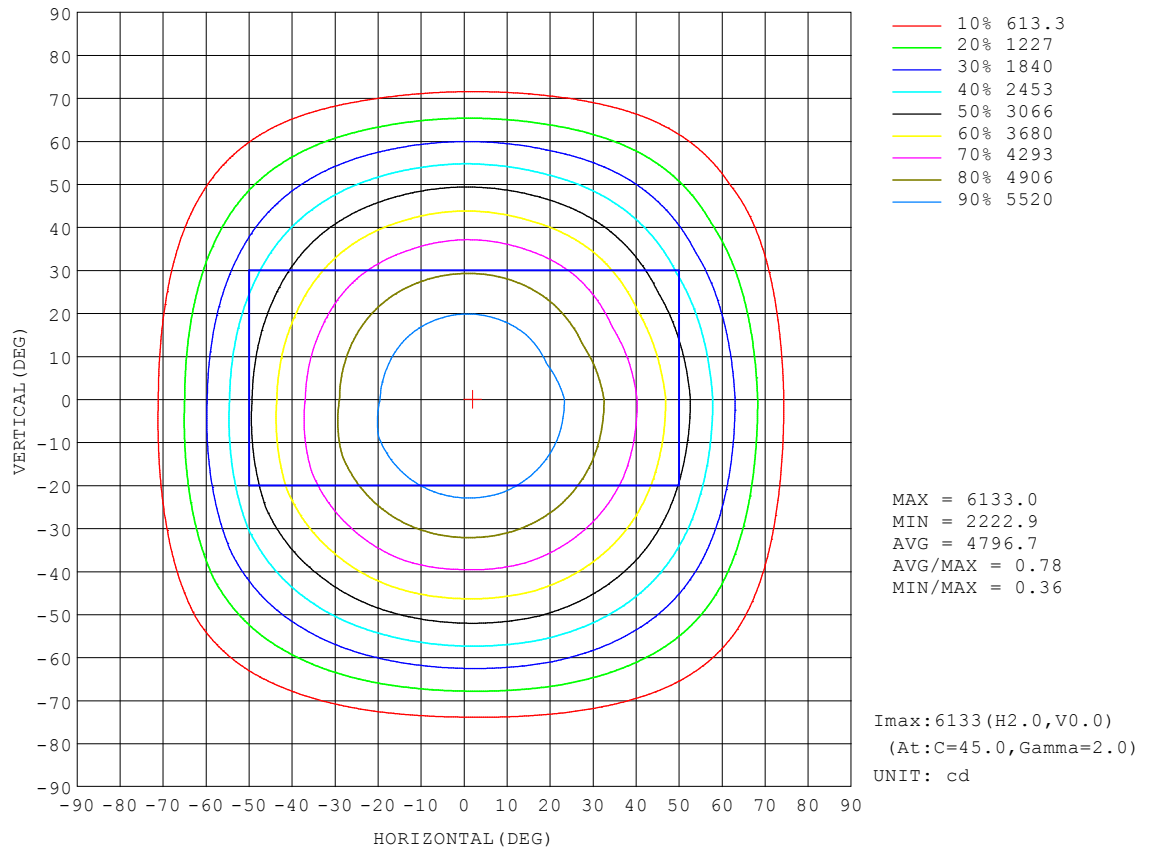
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 61                                                   | 50  | 44        | 60  | 50  | 44  | 59  | 49            | 43  | 37     |
| 0.80                             | 72                                                   | 61  | 54        | 71  | 60  | 54  | 69  | 60            | 53  | 47     |
| 1.00                             | 80                                                   | 70  | 63        | 79  | 69  | 63  | 77  | 71            | 63  | 56     |
| 1.25                             | 87                                                   | 78  | 71        | 86  | 77  | 71  | 83  | 76            | 70  | 63     |
| 1.50                             | 92                                                   | 83  | 77        | 90  | 82  | 76  | 87  | 81            | 75  | 68     |
| 2.00                             | 98                                                   | 91  | 85        | 97  | 90  | 84  | 93  | 87            | 83  | 76     |
| 2.50                             | 102                                                  | 95  | 90        | 100 | 94  | 89  | 96  | 91            | 87  | 79     |
| 3.00                             | 105                                                  | 99  | 94        | 103 | 97  | 93  | 99  | 94            | 91  | 83     |
| 4.00                             | 108                                                  | 103 | 99        | 106 | 102 | 98  | 102 | 98            | 95  | 87     |
| 5.00                             | 110                                                  | 106 | 103       | 108 | 104 | 101 | 104 | 101           | 98  | 89     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HL  
Test Date: 18 December 2025

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity: 65.0%  
Test Distance: 9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### ISOCANDELA DIAGRAM

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |

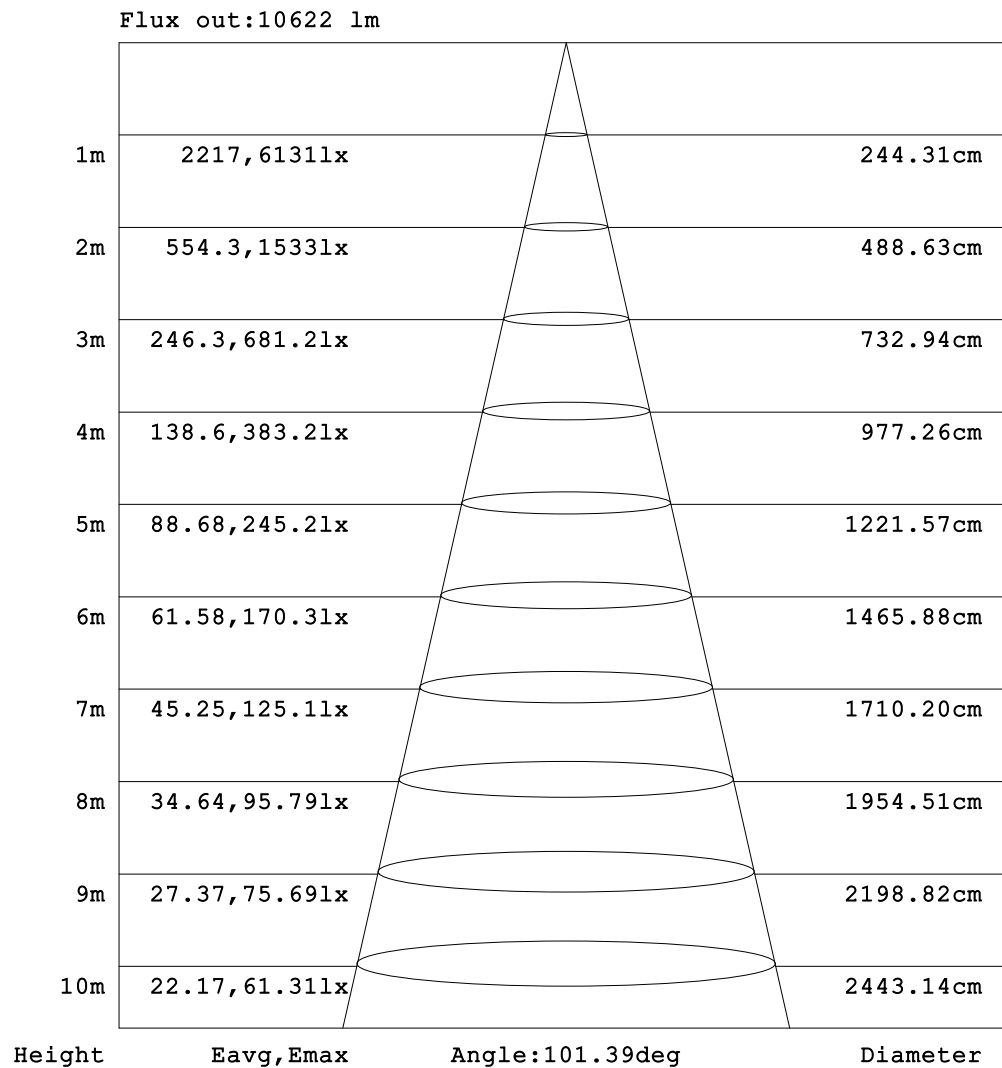


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### AAI Figure

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |



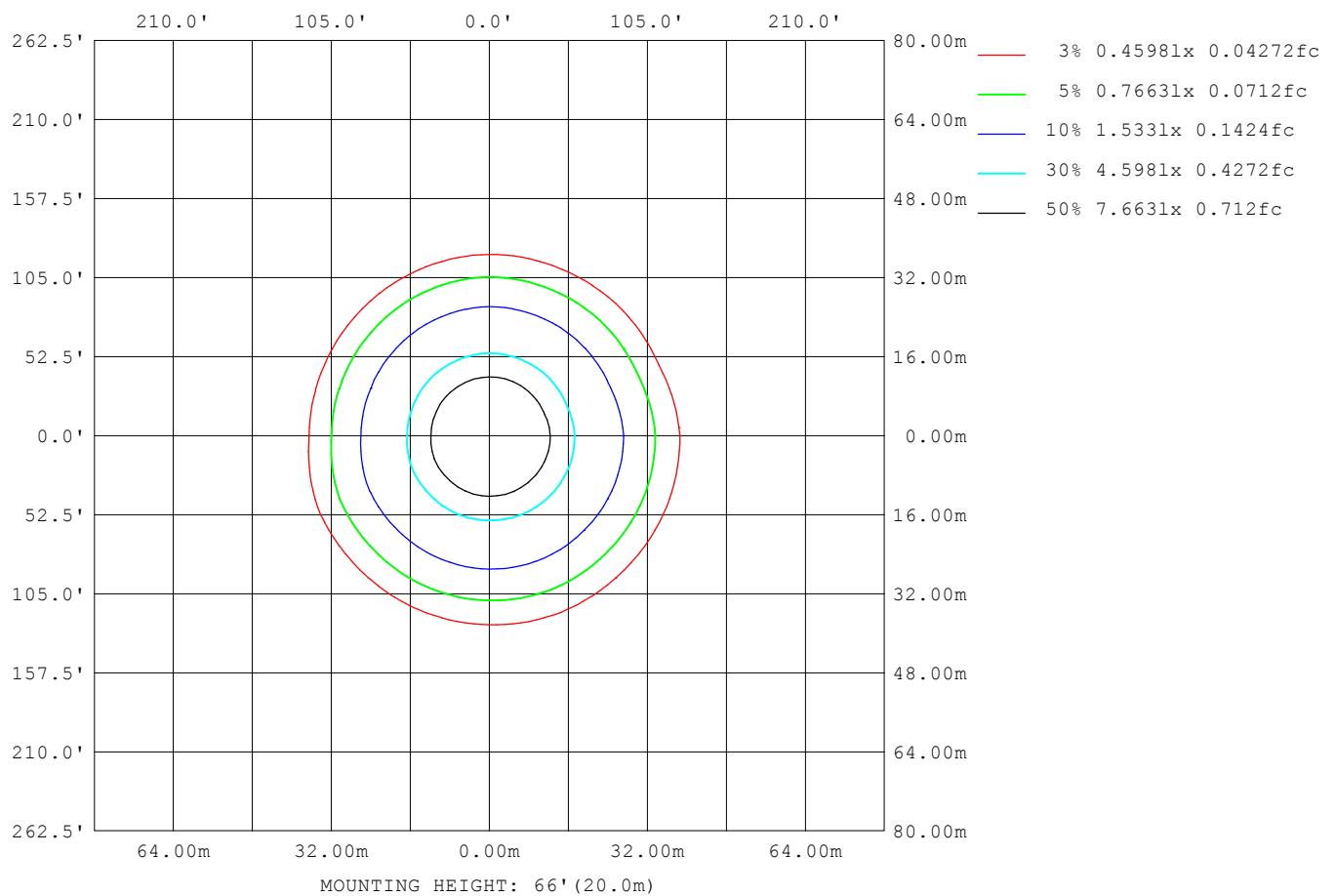
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

# ISOLUX DIAGRAM

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### LED Avg.L Report

|                                                                                  |       |                  |
|----------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.62V I:0.8654A P:103.11W PF:0.9960 Freq:50.00Hz Lamp Flux:14599.6x1 lm |       |                  |
| NAME: EPC100WS1D65D120V15T                                                       | TYPE: | WEIGHT:          |
| SPEC.:                                                                           | DIM.: | SERIAL No.:      |
| MFR.: Fanmei                                                                     | SUR.: | Shielding Angle: |

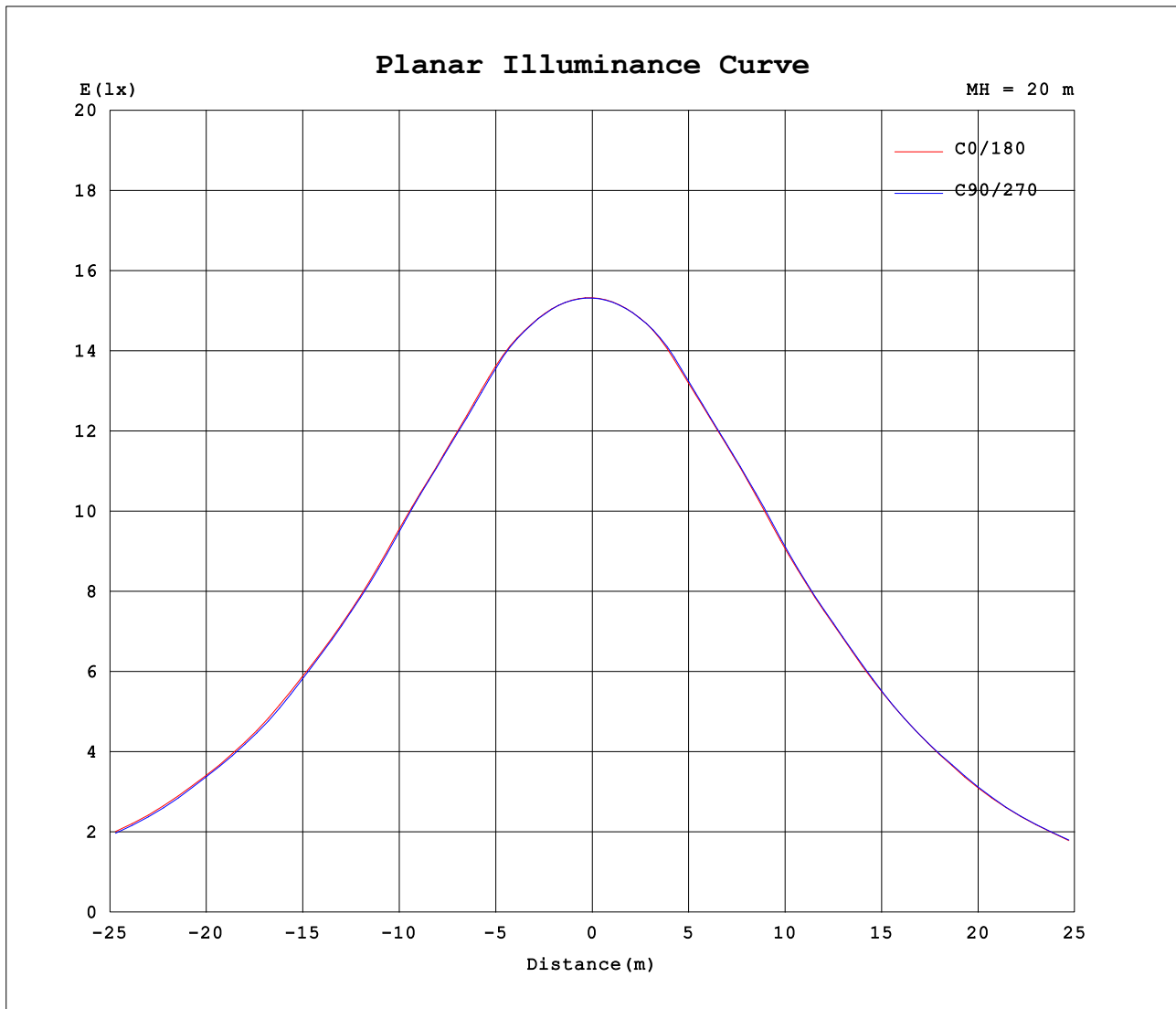
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 58615 |
| L_0~180 (75) av  | 30086 |
| L_0~180 (85) av  | 9333  |
| L_90~270 (65) av | 58508 |
| L_90~270 (75) av | 29900 |
| L_90~270 (85) av | 9507  |
| L_45 (65) av     | 57991 |
| L_45 (75) av     | 30430 |
| L_45 (85) av     | 9630  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HL  
Test Date:18 December 2025

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:9.220m [K=1.0000]  
Remarks: EPC100WS1D65D120V15T

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: HL  
 Test Date: 18 December 2025

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.421  
 Humidity: 65.0%  
 Test Distance: 9.220m [K=1.0000]  
 Remarks: EPC100WS1D65D120V15T

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.220m [K=1.0000]
Remarks: EPC100WS1D65D120V15T

```