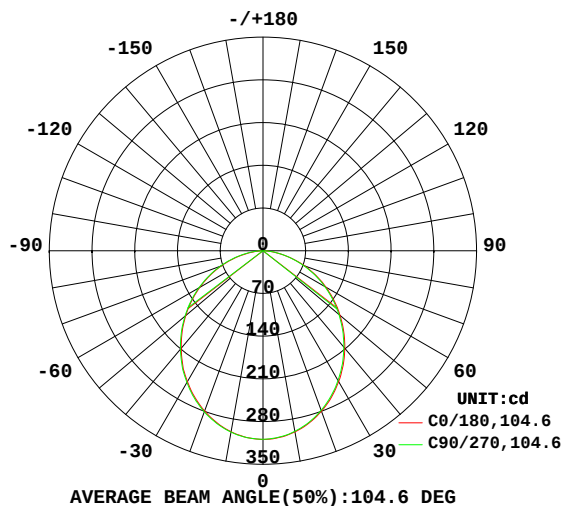


## LUMINAIRE PHOTOMETRIC TEST REPORT

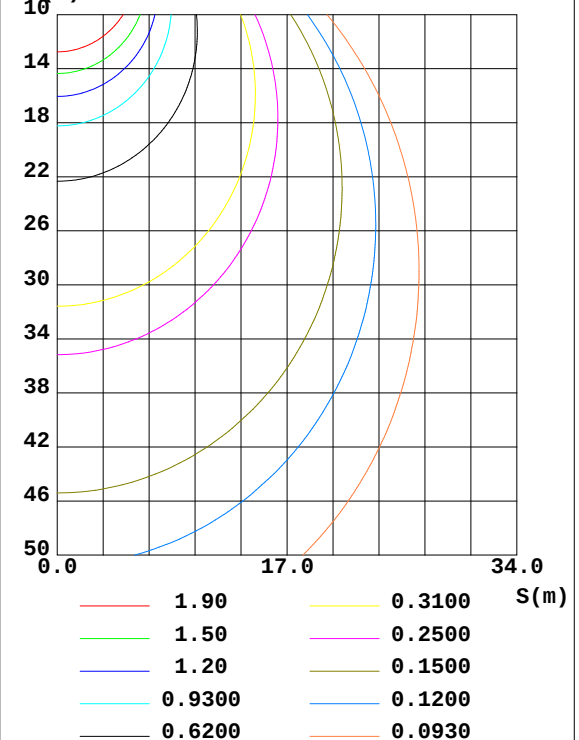
|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |

| DATA OF LAMP     |               | PHOTOMETRIC DATA Eff: 78.52 lm/W |        |                    |           |
|------------------|---------------|----------------------------------|--------|--------------------|-----------|
| MODEL            | 2835 52 5000K | I <sub>max</sub> (cd)            | 309.2  | S/MH(C0/180)       | 1.20      |
| NOMINAL POWER(W) | 10            | LOR(%)                           | 100.0  | S/MH(C90/270)      | 1.21      |
| RATED VOLTAGE(V) | 220-240       | TOTAL FLUX(lm)                   | 808.43 | η UP, DN(C0-180)   | 0.0, 49.6 |
| NOMINAL FLUX(lm) | 808.434       | CIE CLASS                        | DIRECT | η UP, DN(C180-360) | 0.0, 50.4 |
| LAMPS INSIDE     | 1             | η up(%)                          | 0.0    | CIBSE SHR NOM      | 1.25      |
| TEST VOLTAGE(V)  | 220           | 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: 25DEG  
Operators:  
Test Date: 2024-05-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.450m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

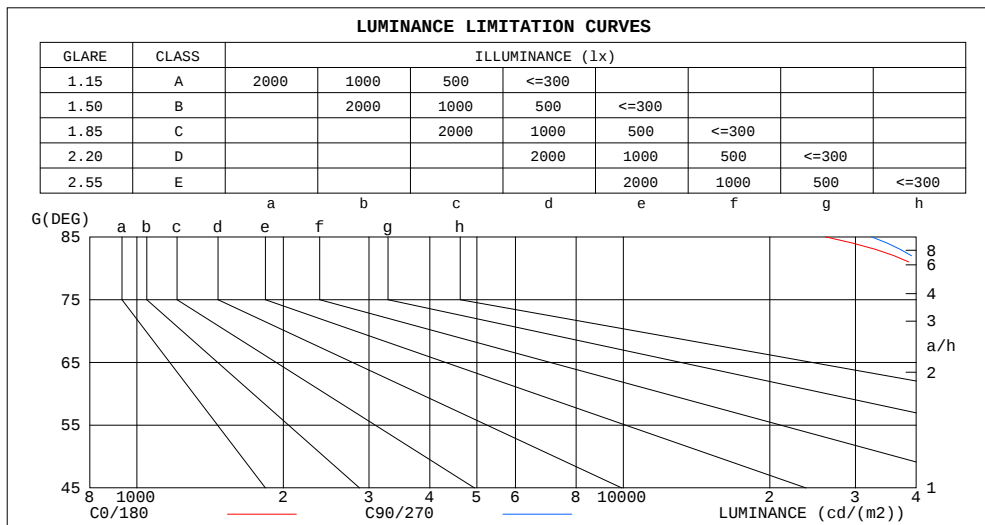
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 301.6                 | 300.8  | 300.4  | 300.1  | 301.3  | 301.6  | 301.7  | 301.7  | 0- 10    | 29.11       | 29.11        | 3.6, 3.6   |
| 20       | 280.0                 | 279.1  | 278.4  | 277.9  | 279.5  | 280.2  | 281.1  | 281.0  | 10- 20   | 82.27       | 111.4        | 13.8, 13.8 |
| 30       | 247.9                 | 246.9  | 245.8  | 245.4  | 247.8  | 248.8  | 249.3  | 249.3  | 20- 30   | 121.9       | 233.3        | 28.9, 28.9 |
| 40       | 208.6                 | 207.2  | 206.2  | 205.9  | 208.6  | 209.6  | 210.4  | 210.5  | 30- 40   | 143.0       | 376.3        | 46.5, 46.5 |
| 50       | 164.9                 | 163.6  | 162.6  | 162.3  | 165.2  | 166.2  | 167.0  | 167.0  | 40- 50   | 144.2       | 520.5        | 64.4, 64.4 |
| 60       | 118.9                 | 117.7  | 116.7  | 116.7  | 119.3  | 120.4  | 121.1  | 121.1  | 50- 60   | 127.0       | 647.6        | 80.1, 80.1 |
| 70       | 72.67                 | 71.36  | 70.43  | 70.66  | 72.89  | 73.93  | 74.55  | 74.50  | 60- 70   | 94.78       | 742.3        | 91.8, 91.8 |
| 80       | 26.67                 | 28.03  | 27.70  | 28.16  | 27.52  | 30.37  | 31.08  | 31.14  | 70- 80   | 52.93       | 795.3        | 98.4, 98.4 |
| 90       | 0.4555                | 0.4594 | 0.4246 | 0.4632 | 0.2857 | 0.3822 | 0.5327 | 0.5134 | 80- 90   | 13.17       | 808.4        | 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: 25DEG  
 Operators:  
 Test Date: 2024-05-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 7.450m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 26018  | 32364   |
| 80                | 41072  | 42647   |
| 75                | 50487  | 49709   |
| 70                | 56814  | 55060   |
| 65                | 60642  | 59191   |
| 60                | 63584  | 62394   |
| 55                | 66267  | 65152   |
| 50                | 68614  | 67636   |
| 45                | 70764  | 69875   |

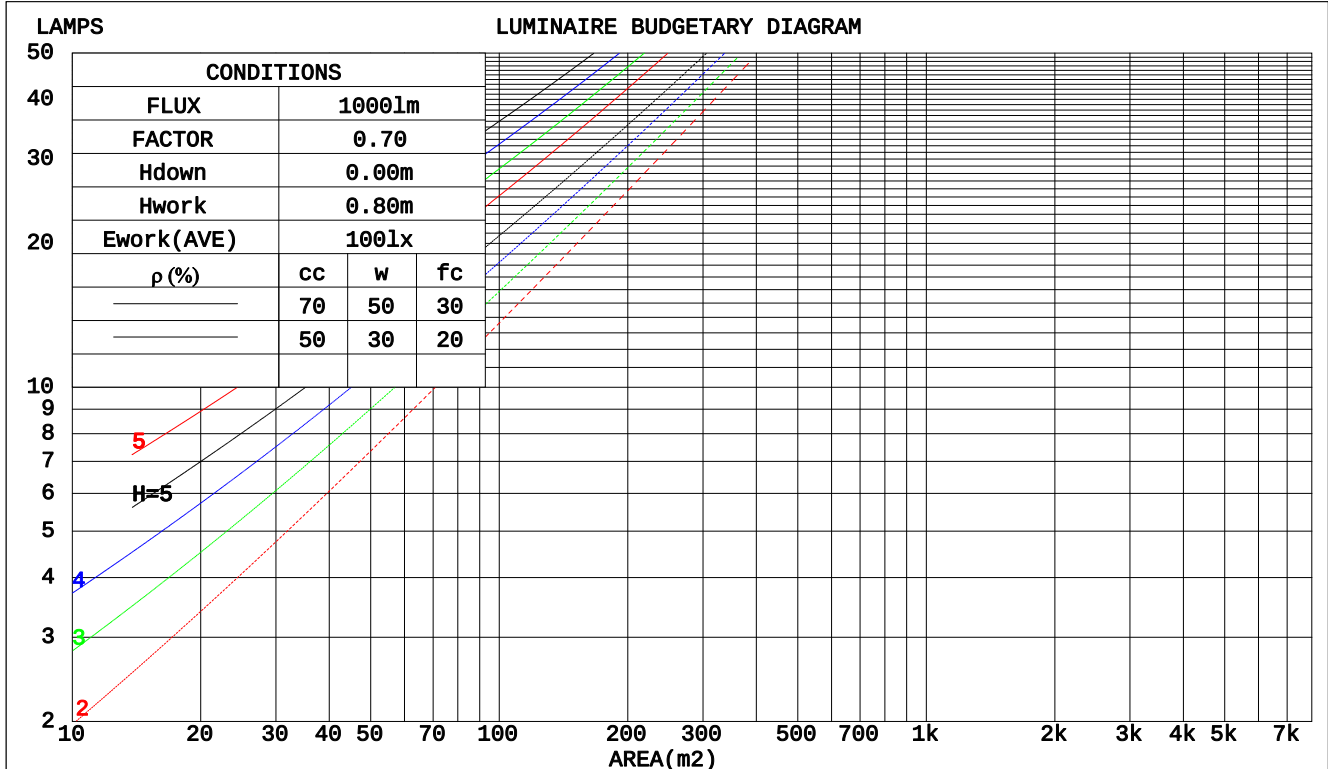
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators:  
Test Date: 2024-05-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.450m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | 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 |      |      |      |      |      | 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 | 1.00 |
| 1.0         | 1.04                  | 1.00 | .96  | 1.02 | .98  | .95  | .98                             | .95  | .92  | .94  | .91  | .89  | .90  | .88  | .86  | .84  |
| 2.0         | .91                   | .84  | .79  | .89  | .83  | .78  | .86                             | .80  | .76  | .82  | .78  | .74  | .79  | .76  | .73  | .70  |
| 3.0         | .80                   | .72  | .66  | .79  | .71  | .65  | .76                             | .69  | .64  | .73  | .67  | .63  | .70  | .66  | .62  | .60  |
| 4.0         | .71                   | .62  | .56  | .70  | .62  | .55  | .67                             | .60  | .55  | .65  | .59  | .54  | .63  | .58  | .53  | .51  |
| 5.0         | .64                   | .55  | .48  | .63  | .54  | .48  | .60                             | .53  | .47  | .58  | .52  | .47  | .57  | .51  | .46  | .44  |
| 6.0         | .57                   | .49  | .42  | .56  | .48  | .42  | .55                             | .47  | .42  | .53  | .46  | .41  | .51  | .46  | .41  | .39  |
| 7.0         | .52                   | .43  | .37  | .51  | .43  | .37  | .50                             | .42  | .37  | .48  | .42  | .37  | .47  | .41  | .36  | .34  |
| 8.0         | .48                   | .39  | .33  | .47  | .39  | .33  | .46                             | .38  | .33  | .44  | .38  | .33  | .43  | .37  | .33  | .31  |
| 9.0         | .44                   | .36  | .30  | .43  | .35  | .30  | .42                             | .35  | .30  | .41  | .34  | .30  | .40  | .34  | .30  | .28  |
| 10.0        | .40                   | .33  | .27  | .40  | .32  | .27  | .39                             | .32  | .27  | .38  | .32  | .27  | .37  | .31  | .27  | .25  |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2024-05-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                  |  |  |            |  |                  |
|----------------------------------------------------------------------------------|--|--|------------|--|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |  |  |            |  |                  |
| NAME: DL1560-WH5C10S01                                                           |  |  | TYPE:      |  | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    |  |  | DIM.:      |  | SERIAL No.:      |
| MFR.:                                                                            |  |  | SUR.: 69mm |  | 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         | .302                  | .172 | .054 | .295 | .168 | .053 | .282                            | .162 | .052 | .269 | .155 | .050 | .258 | .150 | .048 |   |
| 2.0         | .285                  | .156 | .048 | .279 | .154 | .047 | .267                            | .149 | .046 | .257 | .144 | .045 | .247 | .140 | .044 |   |
| 3.0         | .265                  | .141 | .042 | .259 | .139 | .042 | .249                            | .135 | .041 | .239 | .131 | .040 | .231 | .128 | .040 |   |
| 4.0         | .245                  | .127 | .037 | .240 | .126 | .037 | .231                            | .122 | .037 | .222 | .119 | .036 | .215 | .117 | .036 |   |
| 5.0         | .227                  | .116 | .033 | .222 | .114 | .033 | .214                            | .112 | .033 | .207 | .109 | .032 | .200 | .107 | .032 |   |
| 6.0         | .211                  | .106 | .030 | .207 | .104 | .030 | .200                            | .102 | .030 | .193 | .100 | .029 | .187 | .098 | .029 |   |
| 7.0         | .196                  | .097 | .027 | .193 | .096 | .027 | .186                            | .094 | .027 | .180 | .092 | .027 | .175 | .091 | .027 |   |
| 8.0         | .183                  | .090 | .025 | .180 | .089 | .025 | .175                            | .087 | .025 | .169 | .086 | .025 | .164 | .084 | .025 |   |
| 9.0         | .172                  | .083 | .023 | .169 | .083 | .023 | .164                            | .081 | .023 | .159 | .080 | .023 | .155 | .079 | .023 |   |
| 10.0        | .162                  | .078 | .022 | .159 | .077 | .021 | .155                            | .076 | .021 | .150 | .075 | .021 | .146 | .074 | .021 |   |

| ρ <sub>cc</sub> | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|-----------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| ρ <sub>fc</sub> | 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             | .180                  | .156 | .135 | .154 | .134 | .116 | .105                                       | .092 | .080 | .061 | .053 | .047 | .019 | .017 | .015 |   |  |
| 2.0             | .171                  | .132 | .099 | .147 | .114 | .085 | .101                                       | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 |   |  |
| 3.0             | .163                  | .114 | .075 | .140 | .099 | .065 | .096                                       | .068 | .046 | .056 | .040 | .027 | .018 | .013 | .009 |   |  |
| 4.0             | .156                  | .101 | .059 | .134 | .087 | .051 | .092                                       | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 |   |  |
| 5.0             | .148                  | .090 | .048 | .127 | .078 | .042 | .088                                       | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 |   |  |
| 6.0             | .141                  | .082 | .040 | .121 | .071 | .034 | .084                                       | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 |   |  |
| 7.0             | .134                  | .075 | .034 | .116 | .065 | .029 | .080                                       | .046 | .021 | .046 | .027 | .012 | .015 | .009 | .004 |   |  |
| 8.0             | .128                  | .069 | .029 | .110 | .060 | .025 | .076                                       | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 |   |  |
| 9.0             | .122                  | .064 | .025 | .105 | .056 | .022 | .073                                       | .039 | .016 | .042 | .023 | .009 | .014 | .008 | .003 |   |  |
| 10.0            | .116                  | .060 | .023 | .100 | .052 | .020 | .070                                       | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2024-05-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                  |               |                  |      |      |      |               |                |                  |      |      |      |
|----------------------------------------------------------------------------------|---------------|------------------|------|------|------|---------------|----------------|------------------|------|------|------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |               |                  |      |      |      |               |                |                  |      |      |      |
| NAME: DL1560-WH5C10S01                                                           |               |                  |      |      |      | TYPE:         |                | WEIGHT:          |      |      |      |
| SPEC.: white RA80 3000K+5700K                                                    |               |                  |      |      |      | DIM.:         |                | SERIAL No.:      |      |      |      |
| MFR.:                                                                            |               |                  |      |      |      | SUR.: 69mm    |                | 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                                                                    | 28.1          | 29.6             | 28.4 | 29.8 | 30.0 | 28.0          | 29.5           | 28.3             | 29.7 | 29.9 |      |
|                                                                                  | 3H            | 29.5             | 30.9 | 29.8 | 31.1 | 31.4          | 29.4           | 30.8             | 29.7 | 31.0 | 31.3 |
|                                                                                  | 4H            | 30.1             | 31.4 | 30.4 | 31.6 | 31.9          | 30.0           | 31.3             | 30.3 | 31.5 | 31.8 |
|                                                                                  | 6H            | 30.4             | 31.6 | 30.7 | 31.9 | 32.2          | 30.3           | 31.6             | 30.6 | 31.8 | 32.1 |
|                                                                                  | 8H            | 30.5             | 31.7 | 30.8 | 32.0 | 32.2          | 30.4           | 31.6             | 30.8 | 31.9 | 32.2 |
|                                                                                  | 12H           | 30.5             | 31.6 | 30.8 | 31.9 | 32.2          | 30.5           | 31.6             | 30.8 | 31.9 | 32.2 |
| 4H                                                                               | 2H            | 28.7             | 30.0 | 29.0 | 30.2 | 30.5          | 28.6           | 29.9             | 28.9 | 30.2 | 30.4 |
|                                                                                  | 3H            | 30.3             | 31.4 | 30.6 | 31.7 | 32.0          | 30.2           | 31.3             | 30.5 | 31.6 | 31.9 |
|                                                                                  | 4H            | 30.9             | 32.0 | 31.3 | 32.3 | 32.6          | 30.8           | 31.9             | 31.2 | 32.2 | 32.6 |
|                                                                                  | 6H            | 31.4             | 32.3 | 31.8 | 32.7 | 33.0          | 31.3           | 32.3             | 31.7 | 32.6 | 33.0 |
|                                                                                  | 8H            | 31.5             | 32.4 | 31.9 | 32.7 | 33.1          | 31.5           | 32.3             | 31.9 | 32.7 | 33.1 |
|                                                                                  | 12H           | 31.5             | 32.3 | 32.0 | 32.7 | 33.1          | 31.6           | 32.3             | 32.0 | 32.7 | 33.1 |
| 8H                                                                               | 4H            | 31.2             | 32.0 | 31.6 | 32.4 | 32.8          | 31.1           | 32.0             | 31.5 | 32.3 | 32.7 |
|                                                                                  | 6H            | 31.7             | 32.5 | 32.2 | 32.9 | 33.3          | 31.7           | 32.4             | 32.1 | 32.8 | 33.3 |
|                                                                                  | 8H            | 31.9             | 32.6 | 32.4 | 33.0 | 33.4          | 31.9           | 32.6             | 32.4 | 33.0 | 33.4 |
|                                                                                  | 12H           | 32.0             | 32.5 | 32.5 | 33.0 | 33.5          | 32.1           | 32.6             | 32.5 | 33.1 | 33.5 |
| 12H                                                                              | 4H            | 31.2             | 32.0 | 31.6 | 32.4 | 32.8          | 31.1           | 31.9             | 31.5 | 32.3 | 32.7 |
|                                                                                  | 6H            | 31.8             | 32.4 | 32.2 | 32.8 | 33.3          | 31.7           | 32.4             | 32.2 | 32.8 | 33.3 |
|                                                                                  | 8H            | 32.0             | 32.5 | 32.5 | 33.0 | 33.5          | 32.0           | 32.5             | 32.5 | 33.0 | 33.5 |
| Variations with the observer position at spacings(CIE Pub.117):                  |               |                  |      |      |      |               |                |                  |      |      |      |
| S = 1.0H                                                                         | + 0.2 / - 0.2 |                  |      |      |      | + 0.2 / - 0.2 |                |                  |      |      |      |
| 1.5H                                                                             | + 0.2 / - 0.3 |                  |      |      |      | + 0.2 / - 0.3 |                |                  |      |      |      |
| 2.0H                                                                             | + 0.2 / - 0.3 |                  |      |      |      | + 0.2 / - 0.3 |                |                  |      |      |      |

CIE Pub.117, 808.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)  
Area: 0.00374 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2024-05-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |

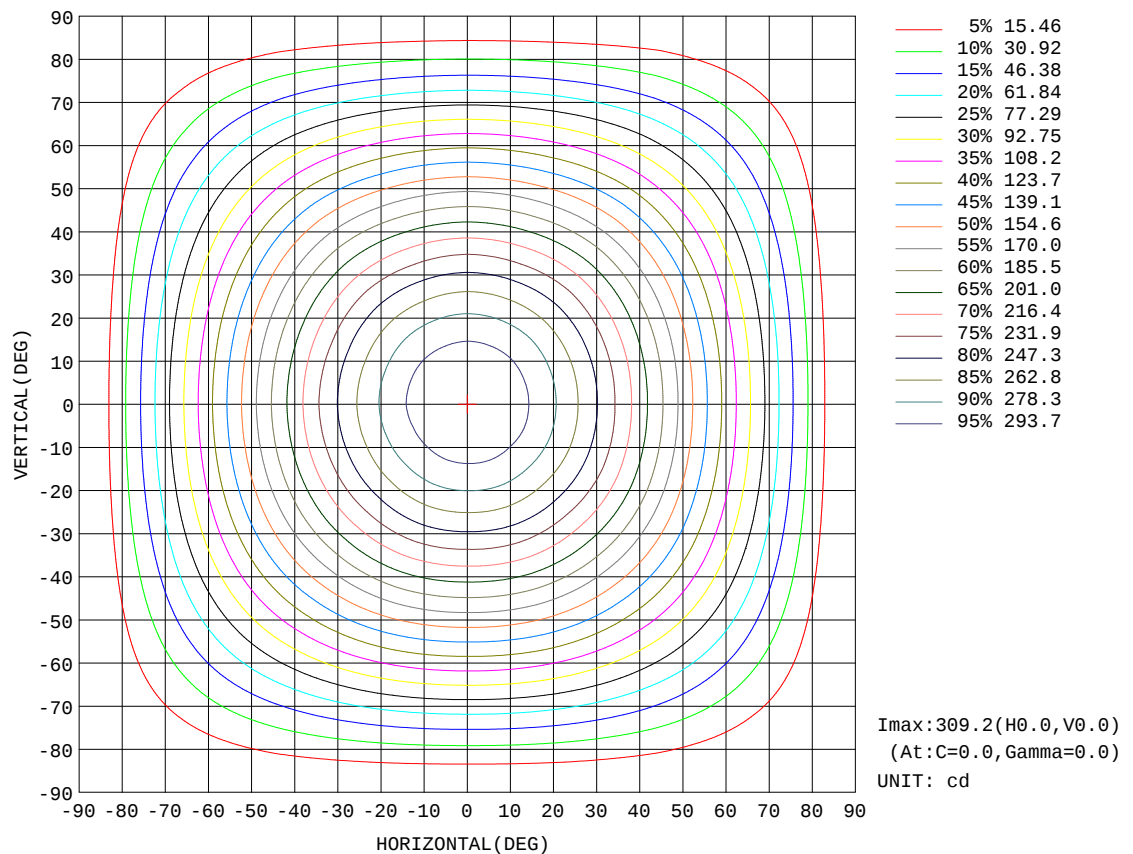
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 59                                                  | 47  | 40        | 58  | 47  | 40  | 57  | 46            | 40  | 34     |
| 0.80                             | 69                                                  | 57  | 50        | 68  | 57  | 50  | 66  | 56            | 49  | 43     |
| 1.00                             | 77                                                  | 66  | 59        | 76  | 66  | 59  | 74  | 67            | 58  | 51     |
| 1.25                             | 84                                                  | 74  | 67        | 83  | 73  | 66  | 80  | 72            | 66  | 58     |
| 1.50                             | 89                                                  | 79  | 72        | 87  | 78  | 72  | 84  | 77            | 71  | 63     |
| 2.00                             | 96                                                  | 87  | 81        | 94  | 86  | 80  | 90  | 84            | 79  | 71     |
| 2.50                             | 99                                                  | 92  | 86        | 97  | 90  | 85  | 94  | 88            | 83  | 75     |
| 3.00                             | 103                                                 | 96  | 91        | 101 | 94  | 90  | 97  | 92            | 87  | 79     |
| 4.00                             | 107                                                 | 101 | 97        | 104 | 99  | 95  | 100 | 96            | 93  | 84     |
| 5.00                             | 109                                                 | 104 | 100       | 107 | 102 | 99  | 102 | 99            | 96  | 87     |
| 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: 25DEG  
 Operators:  
 Test Date: 2024-05-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 7.450m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |

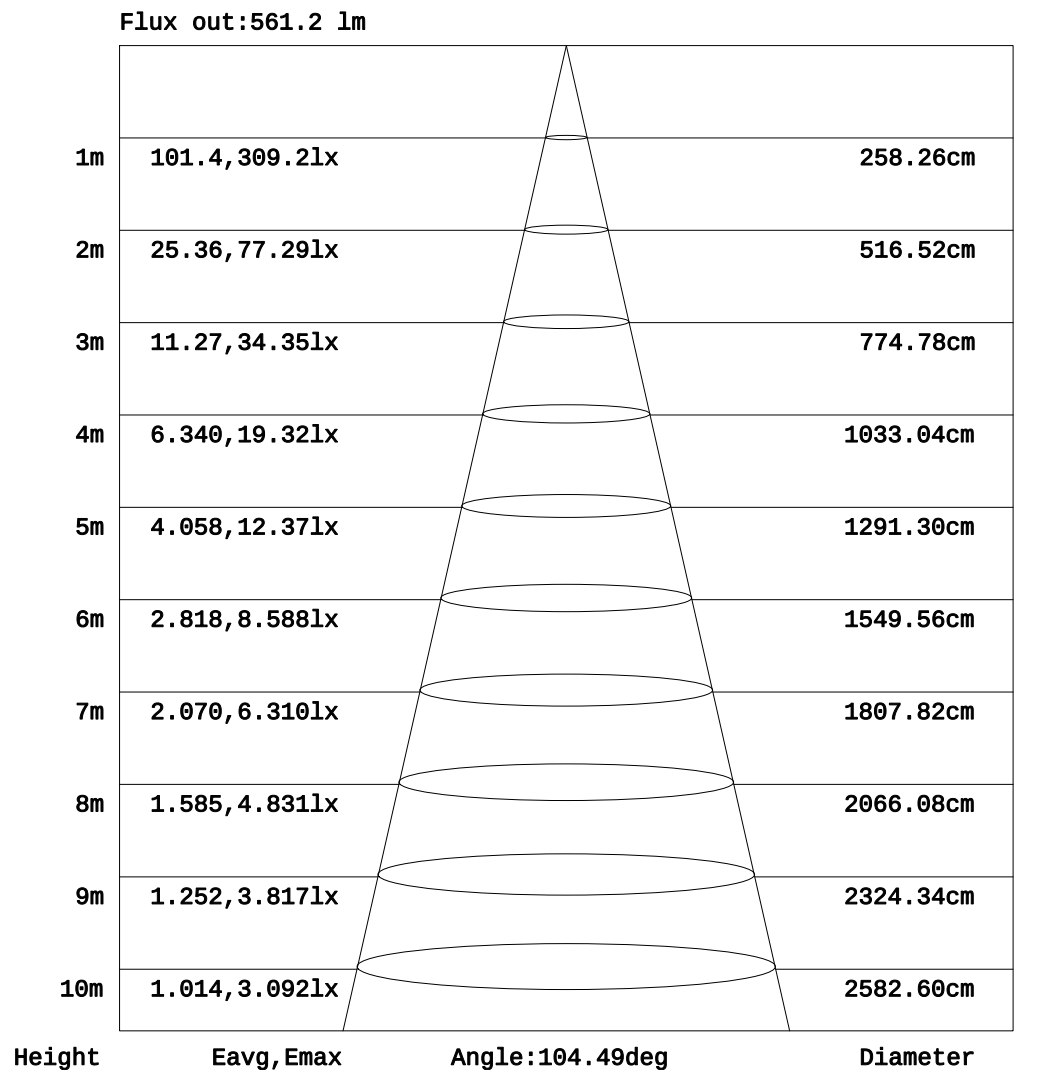


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2024-05-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |



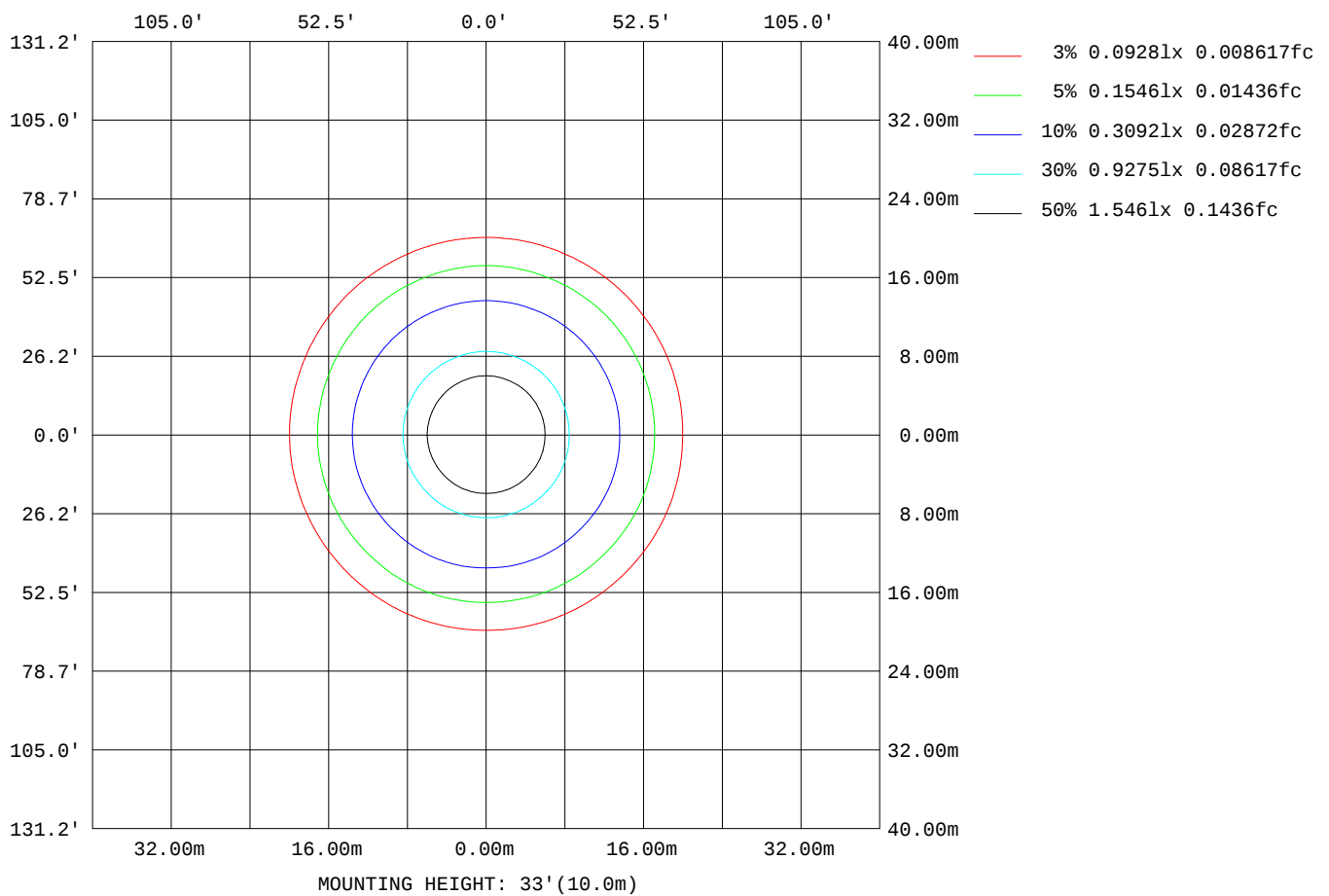
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:  
 Test Date:2024-05-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:7.450m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators:  
Test Date: 2024-05-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.450m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:230.75V I:0.0483A P:10.296W PF:0.9231 Freq:49.99Hz Lamp Flux:808.434x1 lm |            |                  |
| NAME: DL1560-WH5C10S01                                                           | TYPE:      | WEIGHT:          |
| SPEC.: white RA80 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 69mm | Shielding Angle: |

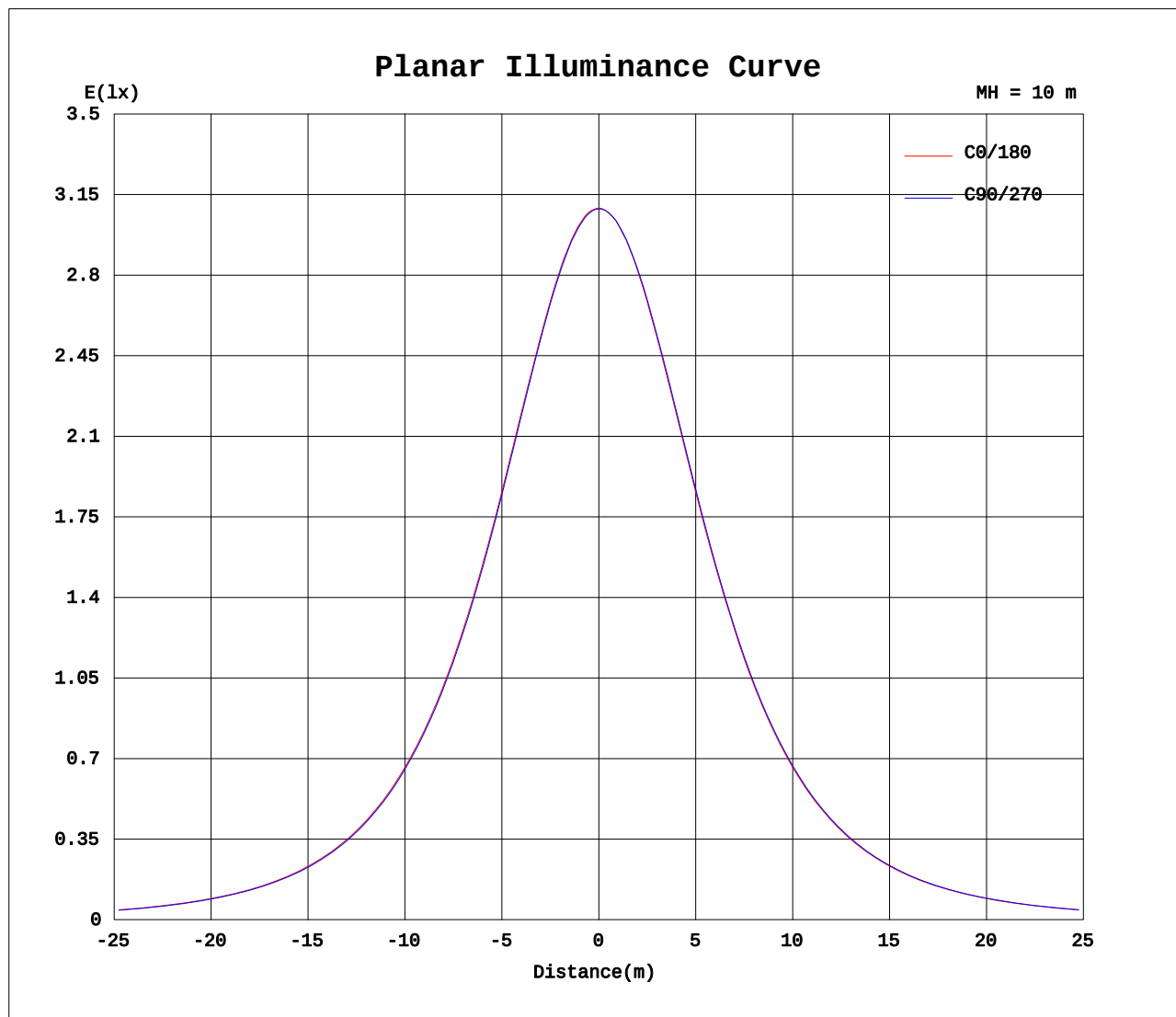
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 60699 |
| L_0~180(75)av  | 50952 |
| L_0~180(85)av  | 26883 |
| L_90~270(65)av | 60524 |
| L_90~270(75)av | 51715 |
| L_90~270(85)av | 36516 |
| L_45(65)av     | 60590 |
| L_45(75)av     | 51846 |
| L_45(85)av     | 36059 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2024-05-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators:  
 Test Date: 2024-05-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 7.450m [K=1.0000]  
 Remarks:

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

```