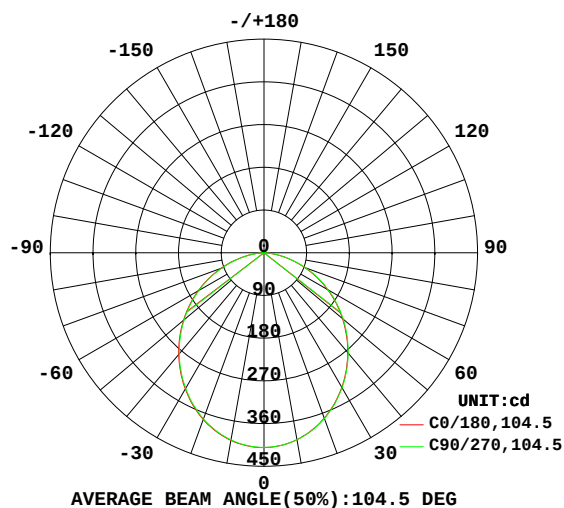


## LUMINAIRE PHOTOMETRIC TEST REPORT

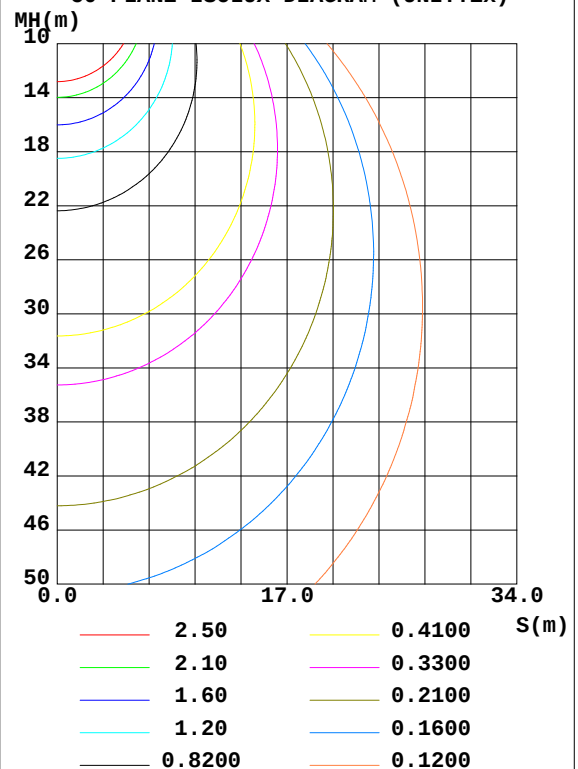
|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |

| DATA OF LAMP     |               | PHOTOMETRIC DATA Eff: 107.78 lm/W |        |                    |           |
|------------------|---------------|-----------------------------------|--------|--------------------|-----------|
| MODEL            | 2835 24 5700K | I <sub>max</sub> (cd)             | 410.4  | S/MH(C0/180)       | 1.21      |
| NOMINAL POWER(W) | 10            | LOR(%)                            | 100.0  | S/MH(C90/270)      | 1.20      |
| RATED VOLTAGE(V) | 220-240       | TOTAL FLUX(lm)                    | 1082.0 | η UP, DN(C0-180)   | 0.8, 49.1 |
| NOMINAL FLUX(lm) | 1082.01       | CIE CLASS                         | DIRECT | η UP, DN(C180-360) | 0.8, 49.4 |
| LAMPS INSIDE     | 1             | η up(%)                           | 1.5    | CIBSE SHR NOM      | 1.25      |
| TEST VOLTAGE(V)  | 220           | η down(%)                         | 98.5   | 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: 2025-05-29

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.880m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

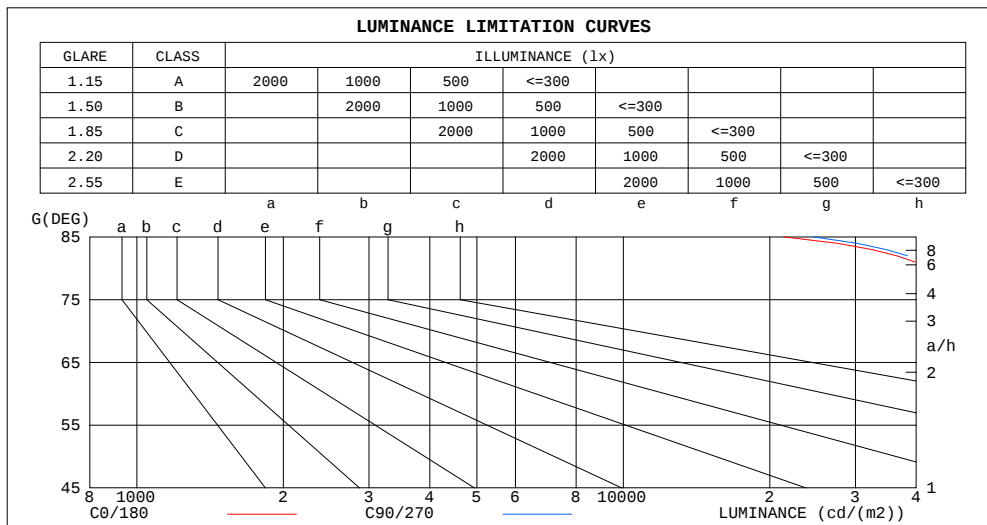
| γ   | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | γ       | Φ zone  | Φ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10  | 399.8                 | 399.9  | 400.1  | 400.1  | 401.4  | 401.1  | 400.4  | 399.7  | 0- 10   | 38.67   | 38.67   | 3.57,3.57  |
| 20  | 371.1                 | 371.3  | 371.7  | 372.1  | 374.0  | 373.4  | 372.7  | 371.5  | 10- 20  | 109.4   | 148.1   | 13.7,13.7  |
| 30  | 327.8                 | 328.2  | 329.0  | 329.6  | 331.5  | 331.0  | 330.1  | 329.0  | 20- 30  | 162.2   | 310.3   | 28.7,28.7  |
| 40  | 274.7                 | 275.3  | 276.2  | 277.1  | 280.0  | 279.7  | 277.9  | 276.5  | 30- 40  | 190.2   | 500.5   | 46.3,46.3  |
| 50  | 216.1                 | 216.9  | 217.8  | 218.9  | 221.3  | 220.9  | 219.5  | 218.1  | 40- 50  | 191.5   | 692.0   | 64,64      |
| 60  | 154.5                 | 155.3  | 156.4  | 157.6  | 160.0  | 159.5  | 158.0  | 156.5  | 50- 60  | 168.2   | 860.2   | 79.5,79.5  |
| 70  | 91.62                 | 92.26  | 93.40  | 94.70  | 96.79  | 96.16  | 94.63  | 93.27  | 60- 70  | 124.4   | 984.6   | 91,91      |
| 80  | 32.79                 | 33.18  | 34.08  | 35.40  | 37.23  | 36.51  | 35.08  | 34.03  | 70- 80  | 67.14   | 1052    | 97.2,97.2  |
| 90  | 0.4459                | 0.4508 | 0.4466 | 0.4514 | 0.4872 | 0.4827 | 0.4828 | 0.4920 | 80- 90  | 13.66   | 1065    | 98.5,98.5  |
| 100 | 1.014                 | 1.005  | 1.010  | 0.9594 | 1.057  | 1.057  | 1.067  | 1.090  | 90-100  | 0.7793  | 1066    | 98.5,98.5  |
| 110 | 1.791                 | 1.745  | 1.745  | 1.722  | 1.852  | 1.825  | 1.852  | 1.852  | 100-110 | 1.485   | 1068    | 98.7,98.7  |
| 120 | 2.553                 | 2.498  | 2.512  | 2.484  | 2.679  | 2.619  | 2.656  | 2.633  | 110-120 | 2.167   | 1070    | 98.9,98.9  |
| 130 | 3.302                 | 3.215  | 3.283  | 3.228  | 3.451  | 3.377  | 3.405  | 3.364  | 120-130 | 2.639   | 1072    | 99.1,99.1  |
| 140 | 3.895                 | 3.881  | 3.918  | 3.900  | 4.094  | 4.039  | 4.034  | 3.997  | 130-140 | 2.813   | 1075    | 99.4,99.4  |
| 150 | 4.382                 | 4.354  | 4.460  | 4.401  | 4.576  | 4.585  | 4.576  | 4.535  | 140-150 | 2.652   | 1078    | 99.6,99.6  |
| 160 | 4.763                 | 4.722  | 4.887  | 4.777  | 4.948  | 4.916  | 5.021  | 4.865  | 150-160 | 2.157   | 1080    | 99.8,99.8  |
| 170 | 5.181                 | 5.168  | 5.241  | 5.264  | 5.315  | 5.293  | 5.242  | 5.173  | 160-170 | 1.424   | 1081    | 100,100    |
| 180 | 5.568                 | 5.664  | 5.563  | 5.637  | 5.572  | 5.678  | 5.586  | 5.632  | 170-180 | 0.5134  | 1082    | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT:lm |         |            |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2025-05-29

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 21320  | 24528   |
| 80                | 42725  | 44402   |
| 75                | 53377  | 54747   |
| 70                | 60609  | 61781   |
| 65                | 65978  | 66999   |
| 60                | 69901  | 70782   |
| 55                | 73209  | 73976   |
| 50                | 76051  | 76666   |
| 45                | 78684  | 79180   |

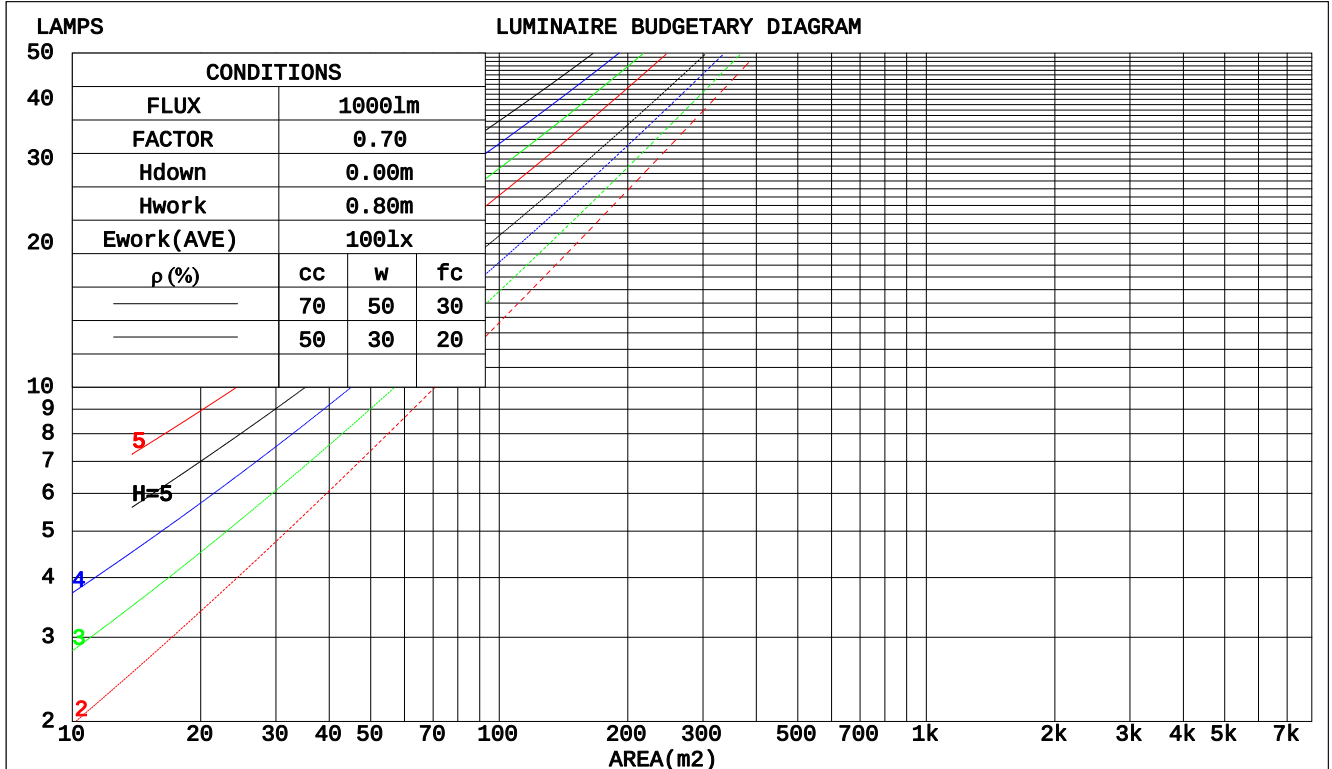
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators:  
Test Date: 2025-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.880m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 0.0         | 1.19                            | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .98 |
| 1.0         | 1.04                            | 1.00 | .96  | 1.02 | .98  | .95  | .97  | .94  | .91  | .93  | .91  | .88  | .89  | .87  | .85  | .83 |
| 2.0         | .91                             | .84  | .79  | .89  | .83  | .78  | .85  | .80  | .76  | .82  | .78  | .74  | .79  | .75  | .72  | .70 |
| 3.0         | .80                             | .72  | .66  | .79  | .71  | .65  | .75  | .69  | .64  | .72  | .67  | .63  | .70  | .65  | .61  | .59 |
| 4.0         | .71                             | .63  | .56  | .70  | .62  | .56  | .67  | .60  | .55  | .65  | .59  | .54  | .62  | .57  | .53  | .51 |
| 5.0         | .64                             | .55  | .48  | .63  | .54  | .48  | .60  | .53  | .47  | .58  | .52  | .47  | .56  | .51  | .46  | .44 |
| 6.0         | .57                             | .49  | .42  | .56  | .48  | .42  | .54  | .47  | .42  | .53  | .46  | .41  | .51  | .45  | .41  | .39 |
| 7.0         | .52                             | .44  | .37  | .51  | .43  | .37  | .50  | .42  | .37  | .48  | .41  | .37  | .47  | .41  | .36  | .34 |
| 8.0         | .48                             | .39  | .33  | .47  | .39  | .33  | .45  | .38  | .33  | .44  | .38  | .33  | .43  | .37  | .32  | .31 |
| 9.0         | .44                             | .36  | .30  | .43  | .35  | .30  | .42  | .35  | .30  | .41  | .34  | .30  | .40  | .34  | .29  | .28 |
| 10.0        | .40                             | .33  | .27  | .40  | .32  | .27  | .39  | .32  | .27  | .38  | .31  | .27  | .37  | .31  | .27  | .25 |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators:  
Test Date: 2025-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.880m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                  |  |  |            |  |                  |
|----------------------------------------------------------------------------------|--|--|------------|--|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |  |  |            |  |                  |
| NAME: DL1066-WHTC10S01S                                                          |  |  | TYPE:      |  | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    |  |  | DIM.:      |  | SERIAL No.:      |
| MFR.:                                                                            |  |  | SUR.: 75mm |  | 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         | .296                  | .168 | .053 | .289 | .165 | .052 | .275                            | .158 | .050 | .262 | .151 | .048 | .250 | .145 | .047 |   |
| 2.0         | .282                  | .154 | .047 | .275 | .151 | .047 | .263                            | .146 | .045 | .251 | .141 | .044 | .241 | .136 | .043 |   |
| 3.0         | .262                  | .139 | .042 | .256 | .137 | .041 | .245                            | .133 | .040 | .235 | .129 | .039 | .226 | .125 | .039 |   |
| 4.0         | .243                  | .126 | .037 | .238 | .124 | .037 | .228                            | .121 | .036 | .219 | .117 | .035 | .210 | .114 | .035 |   |
| 5.0         | .225                  | .115 | .033 | .220 | .113 | .033 | .212                            | .110 | .032 | .204 | .107 | .032 | .196 | .105 | .031 |   |
| 6.0         | .209                  | .105 | .030 | .205 | .104 | .030 | .197                            | .101 | .029 | .190 | .099 | .029 | .183 | .096 | .029 |   |
| 7.0         | .195                  | .096 | .027 | .191 | .095 | .027 | .184                            | .093 | .027 | .178 | .091 | .027 | .172 | .089 | .026 |   |
| 8.0         | .182                  | .089 | .025 | .179 | .088 | .025 | .173                            | .086 | .025 | .167 | .085 | .024 | .161 | .083 | .024 |   |
| 9.0         | .171                  | .083 | .023 | .168 | .082 | .023 | .163                            | .080 | .023 | .157 | .079 | .023 | .152 | .077 | .022 |   |
| 10.0        | .161                  | .077 | .021 | .158 | .077 | .021 | .153                            | .075 | .021 | .148 | .074 | .021 | .144 | .072 | .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             | .202                  | .202 | .202 | .173 | .173 | .173 | .118                                       | .118 | .118 | .068 | .068 | .068 | .022 | .022 | .022 |   |
| 1.0             | .191                  | .168 | .147 | .164 | .144 | .127 | .112                                       | .099 | .088 | .064 | .057 | .051 | .021 | .018 | .016 |   |
| 2.0             | .183                  | .144 | .111 | .157 | .124 | .096 | .107                                       | .086 | .067 | .062 | .050 | .039 | .020 | .016 | .013 |   |
| 3.0             | .175                  | .126 | .087 | .150 | .109 | .076 | .103                                       | .076 | .053 | .059 | .044 | .031 | .019 | .014 | .010 |   |
| 4.0             | .167                  | .113 | .071 | .144 | .098 | .062 | .099                                       | .068 | .044 | .057 | .040 | .026 | .018 | .013 | .008 |   |
| 5.0             | .160                  | .102 | .060 | .137 | .089 | .052 | .095                                       | .062 | .037 | .055 | .036 | .022 | .018 | .012 | .007 |   |
| 6.0             | .153                  | .094 | .052 | .131 | .081 | .045 | .091                                       | .057 | .032 | .053 | .034 | .019 | .017 | .011 | .006 |   |
| 7.0             | .146                  | .087 | .046 | .126 | .076 | .040 | .087                                       | .053 | .028 | .050 | .031 | .017 | .016 | .010 | .006 |   |
| 8.0             | .140                  | .081 | .041 | .120 | .071 | .036 | .083                                       | .050 | .026 | .048 | .029 | .015 | .016 | .010 | .005 |   |
| 9.0             | .134                  | .076 | .038 | .115 | .066 | .033 | .080                                       | .047 | .023 | .047 | .028 | .014 | .015 | .009 | .005 |   |
| 10.0            | .128                  | .072 | .035 | .110 | .063 | .030 | .077                                       | .044 | .022 | .045 | .026 | .013 | .014 | .009 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2025-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                  |               |                  |      |      |      |               |                |                  |      |      |      |
|----------------------------------------------------------------------------------|---------------|------------------|------|------|------|---------------|----------------|------------------|------|------|------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |               |                  |      |      |      |               |                |                  |      |      |      |
| NAME: DL1066-WHTC10S01S                                                          |               |                  |      |      |      | TYPE:         |                | WEIGHT:          |      |      |      |
| SPEC.: white RA90 3000K+5700K                                                    |               |                  |      |      |      | DIM.:         |                | SERIAL No.:      |      |      |      |
| MFR.:                                                                            |               |                  |      |      |      | SUR.: 75mm    |                | 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                                                                    | 27.3          | 28.8             | 27.6 | 29.0 | 29.3 | 27.4          | 28.8           | 27.7             | 29.1 | 29.3 |      |
|                                                                                  | 3H            | 28.7             | 30.1 | 29.0 | 30.3 | 30.6          | 28.8           | 30.1             | 29.1 | 30.4 | 30.6 |
|                                                                                  | 4H            | 29.2             | 30.5 | 29.5 | 30.8 | 31.0          | 29.3           | 30.6             | 29.6 | 30.8 | 31.1 |
|                                                                                  | 6H            | 29.5             | 30.7 | 29.9 | 31.0 | 31.3          | 29.6           | 30.8             | 29.9 | 31.1 | 31.4 |
|                                                                                  | 8H            | 29.6             | 30.7 | 29.9 | 31.0 | 31.4          | 29.7           | 30.8             | 30.0 | 31.1 | 31.5 |
|                                                                                  | 12H           | 29.6             | 30.7 | 29.9 | 31.0 | 31.3          | 29.7           | 30.8             | 30.0 | 31.1 | 31.4 |
| 4H                                                                               | 2H            | 27.9             | 29.2 | 28.2 | 29.5 | 29.7          | 27.9           | 29.2             | 28.3 | 29.5 | 29.8 |
|                                                                                  | 3H            | 29.4             | 30.6 | 29.8 | 30.9 | 31.2          | 29.5           | 30.6             | 29.9 | 30.9 | 31.3 |
|                                                                                  | 4H            | 30.1             | 31.1 | 30.5 | 31.4 | 31.8          | 30.1           | 31.1             | 30.5 | 31.5 | 31.9 |
|                                                                                  | 6H            | 30.5             | 31.4 | 30.9 | 31.7 | 32.1          | 30.5           | 31.4             | 31.0 | 31.8 | 32.2 |
|                                                                                  | 8H            | 30.6             | 31.4 | 31.0 | 31.8 | 32.2          | 30.6           | 31.5             | 31.1 | 31.9 | 32.3 |
|                                                                                  | 12H           | 30.6             | 31.3 | 31.0 | 31.8 | 32.2          | 30.7           | 31.4             | 31.1 | 31.9 | 32.3 |
| 8H                                                                               | 4H            | 30.3             | 31.1 | 30.7 | 31.5 | 31.9          | 30.3           | 31.2             | 30.8 | 31.6 | 32.0 |
|                                                                                  | 6H            | 30.8             | 31.5 | 31.2 | 31.9 | 32.4          | 30.9           | 31.6             | 31.3 | 32.0 | 32.4 |
|                                                                                  | 8H            | 30.9             | 31.5 | 31.4 | 32.0 | 32.5          | 31.0           | 31.6             | 31.5 | 32.1 | 32.6 |
|                                                                                  | 12H           | 31.0             | 31.5 | 31.5 | 32.0 | 32.5          | 31.1           | 31.6             | 31.6 | 32.1 | 32.6 |
| 12H                                                                              | 4H            | 30.3             | 31.0 | 30.7 | 31.4 | 31.9          | 30.3           | 31.1             | 30.8 | 31.5 | 31.9 |
|                                                                                  | 6H            | 30.8             | 31.4 | 31.3 | 31.9 | 32.4          | 30.9           | 31.5             | 31.4 | 31.9 | 32.4 |
|                                                                                  | 8H            | 31.0             | 31.5 | 31.5 | 32.0 | 32.5          | 31.1           | 31.6             | 31.6 | 32.1 | 32.6 |
| 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, 1082 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)  
Area: 0.00442 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2025-05-29

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |

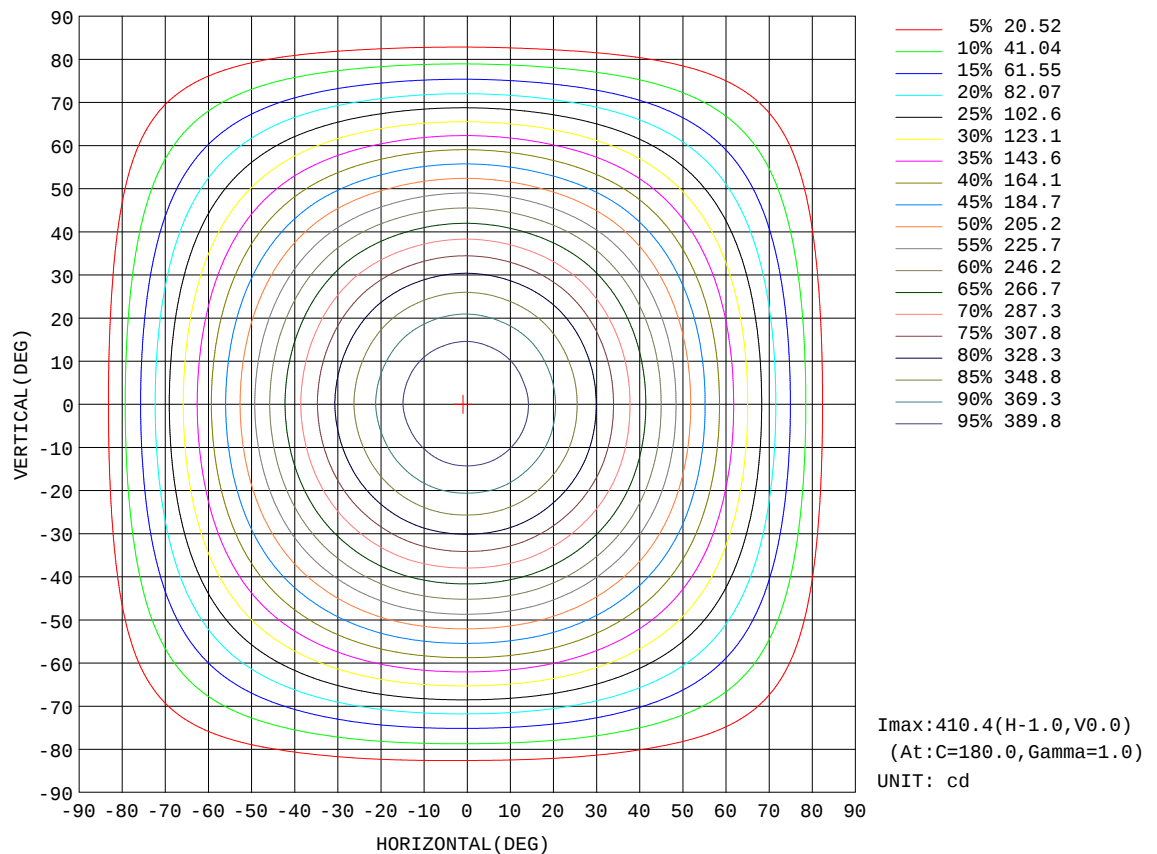
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 58                                                  | 47  | 40        | 58  | 47  | 40  | 56  | 46            | 40  | 34     |
| 0.80                             | 68                                                  | 57  | 50        | 67  | 57  | 50  | 65  | 56            | 49  | 42     |
| 1.00                             | 77                                                  | 66  | 59        | 76  | 65  | 59  | 73  | 66            | 58  | 51     |
| 1.25                             | 84                                                  | 74  | 67        | 82  | 73  | 66  | 79  | 71            | 65  | 58     |
| 1.50                             | 89                                                  | 79  | 72        | 87  | 78  | 72  | 84  | 76            | 71  | 63     |
| 2.00                             | 95                                                  | 87  | 81        | 94  | 86  | 80  | 90  | 83            | 78  | 70     |
| 2.50                             | 99                                                  | 92  | 86        | 97  | 90  | 85  | 93  | 87            | 83  | 74     |
| 3.00                             | 103                                                 | 96  | 91        | 100 | 94  | 89  | 96  | 91            | 87  | 78     |
| 4.00                             | 106                                                 | 101 | 96        | 104 | 99  | 95  | 99  | 95            | 92  | 83     |
| 5.00                             | 109                                                 | 104 | 100       | 106 | 102 | 99  | 101 | 98            | 95  | 86     |
| 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:2025-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |

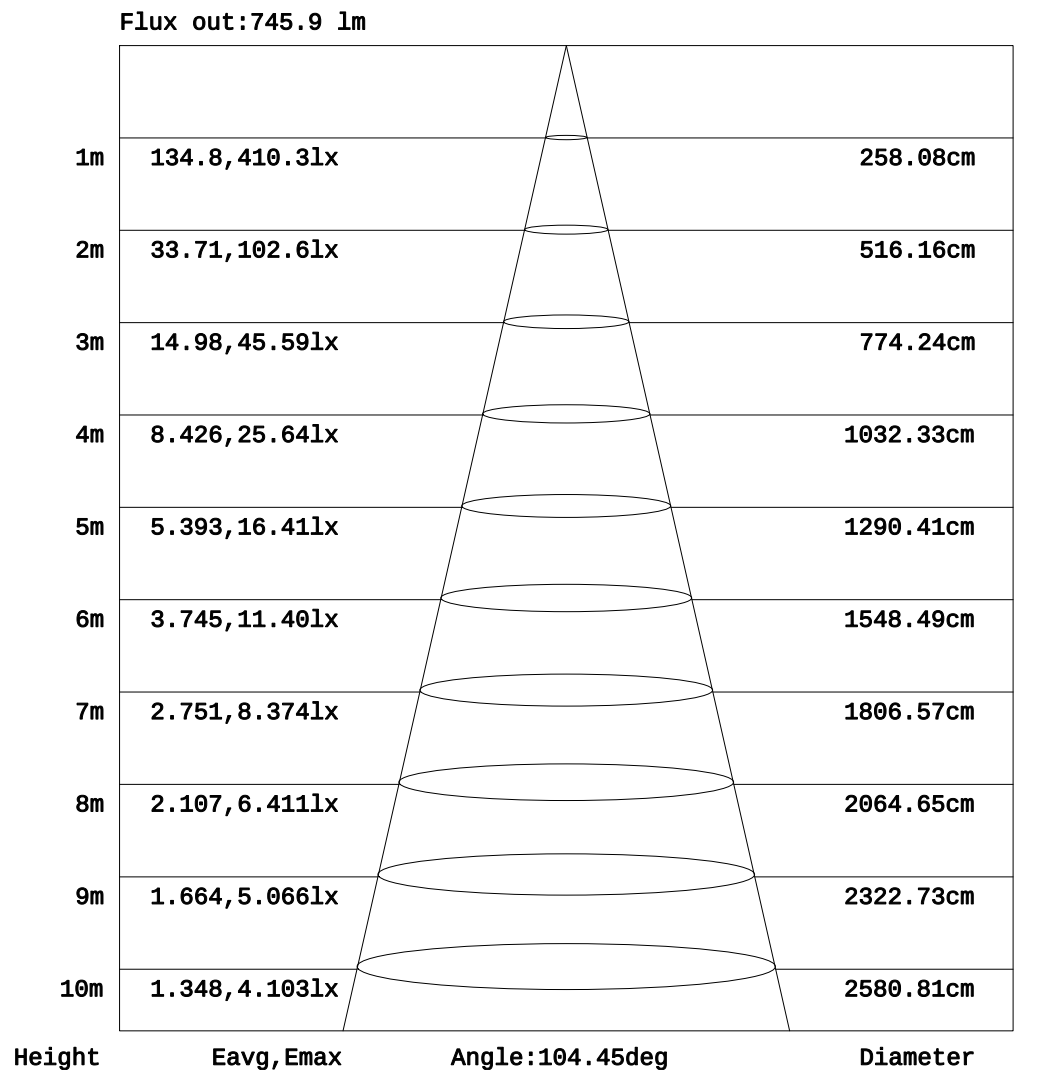


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators:  
Test Date: 2025-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.880m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |



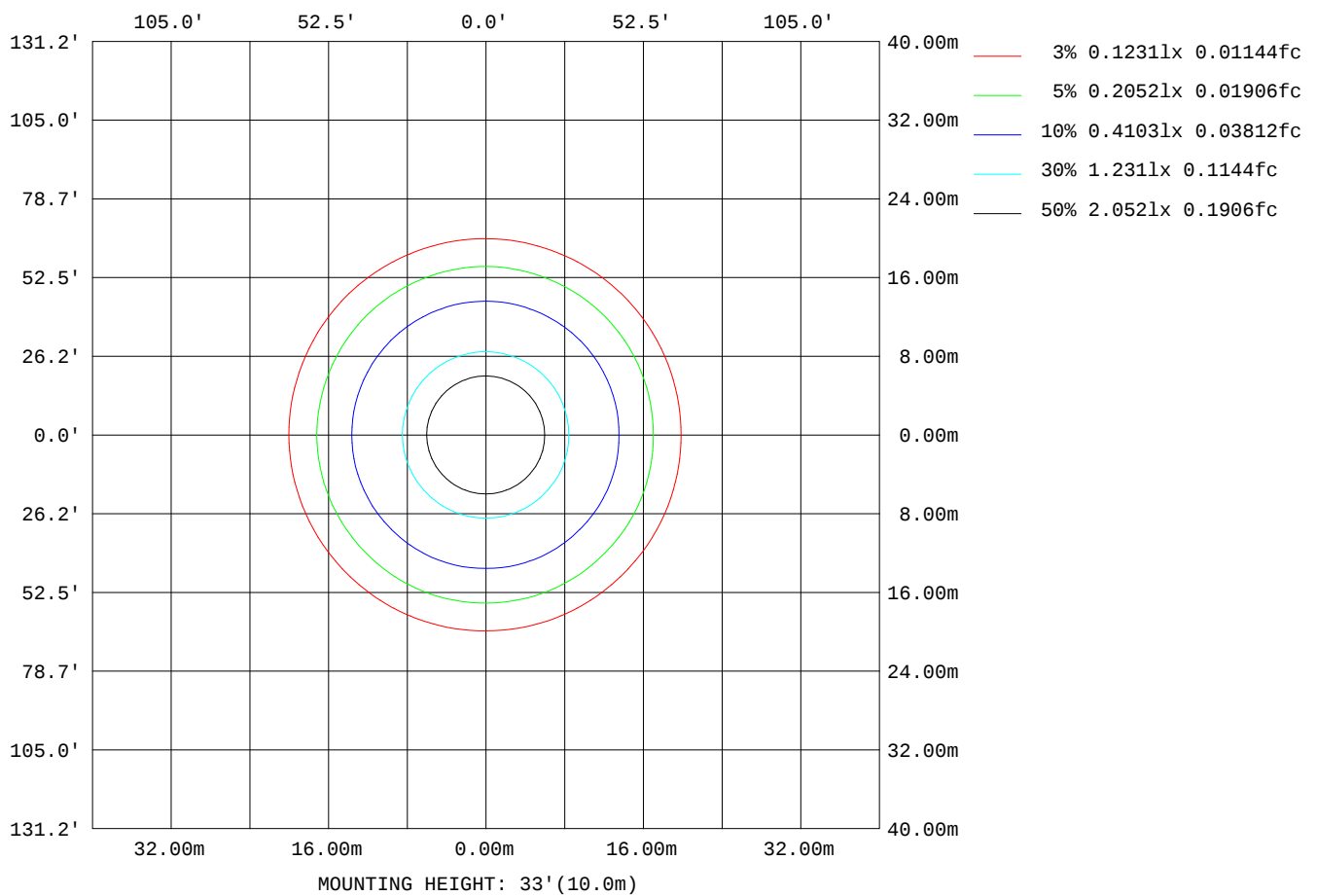
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:  
 Test Date:2025-05-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:7.880m [K=1.0000]  
 Remarks:

# ISOLUX DIAGRAM

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators:  
 Test Date: 2025-05-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

## LED Avg.L Report

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |

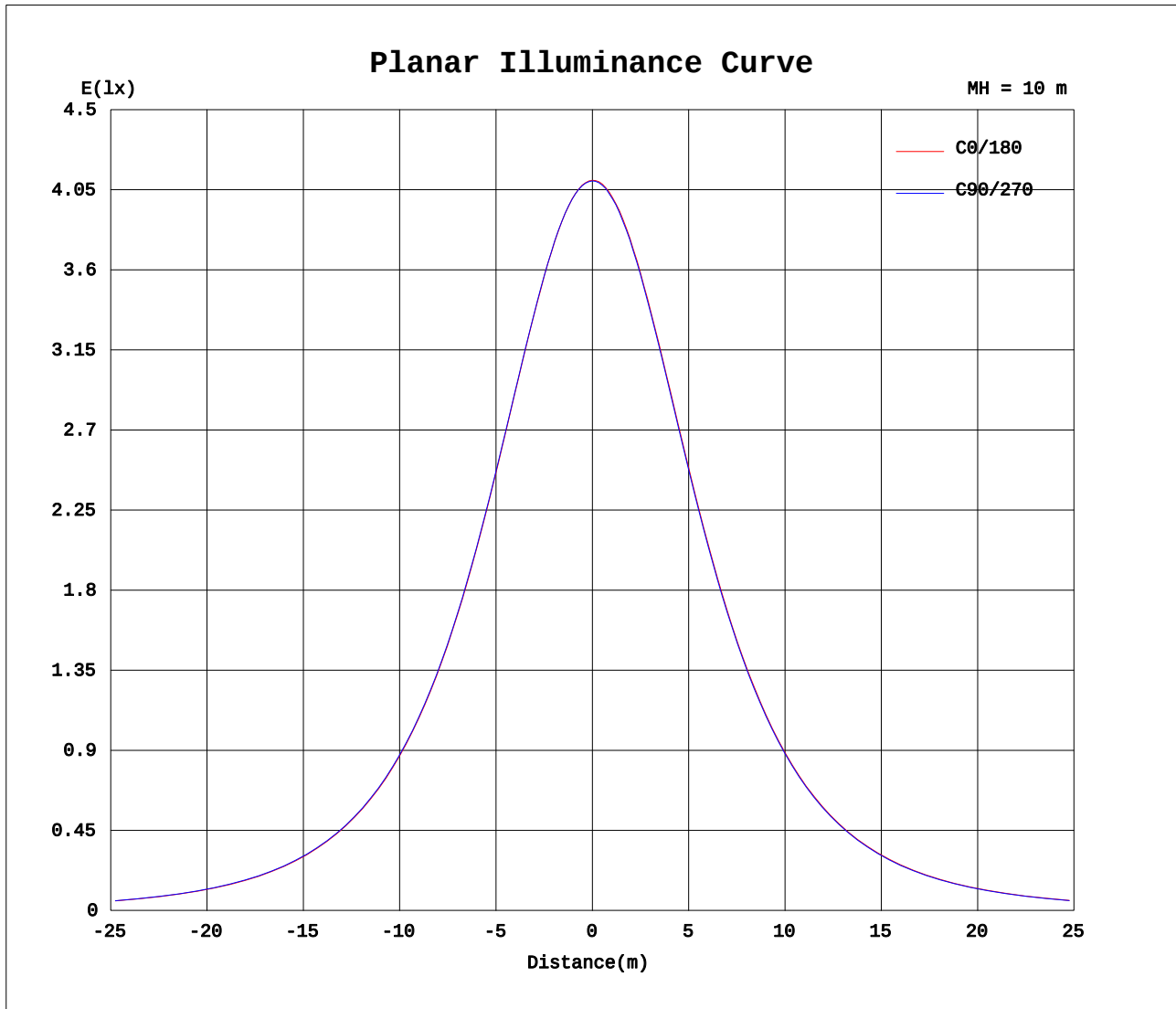
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 67389 |
| L_0~180(75)av  | 55518 |
| L_0~180(85)av  | 26027 |
| L_90~270(65)av | 67323 |
| L_90~270(75)av | 55191 |
| L_90~270(85)av | 25417 |
| L_45(65)av     | 67325 |
| L_45(75)av     | 55326 |
| L_45(85)av     | 25689 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators:  
 Test Date: 2025-05-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators:  
Test Date: 2025-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 7.880m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |            |                  |
|----------------------------------------------------------------------------------|------------|------------------|
| Test:U:231.11V I:0.0504A P:10.039W PF:0.8621 Freq:49.99Hz Lamp Flux:1082.01x1 lm |            |                  |
| NAME: DL1066-WHTC10S01S                                                          | TYPE:      | WEIGHT:          |
| SPEC.: white RA90 3000K+5700K                                                    | DIM.:      | SERIAL No.:      |
| MFR.:                                                                            | SUR.: 75mm | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 22.5 | 45   | 67.5 | 90   | 112.5 | 135  | 157.5 | 180  | 202.5 | 225  | 247.5 | 270  | 292.5 | 315  | 337.5 |  |  |  |
|-------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0                 | 410  | 410  | 410  | 410  | 410  | 410   | 410  | 410   | 410  | 410   | 410  | 410   | 410  | 410   | 410  | 410   |  |  |  |
| 5                 | 407  | 408  | 407  | 408  | 407  | 408   | 407  | 407   | 408  | 408   | 408  | 407   | 407  | 407   | 407  | 407   |  |  |  |
| 10                | 400  | 400  | 400  | 400  | 400  | 400   | 400  | 400   | 401  | 401   | 401  | 400   | 400  | 400   | 400  | 399   |  |  |  |
| 15                | 387  | 388  | 388  | 388  | 388  | 388   | 388  | 389   | 390  | 389   | 389  | 389   | 389  | 388   | 387  | 387   |  |  |  |
| 20                | 371  | 372  | 371  | 372  | 372  | 372   | 372  | 373   | 374  | 374   | 373  | 373   | 373  | 372   | 372  | 371   |  |  |  |
| 25                | 351  | 351  | 351  | 352  | 352  | 352   | 352  | 353   | 354  | 354   | 354  | 353   | 353  | 352   | 352  | 351   |  |  |  |
| 30                | 328  | 328  | 328  | 329  | 329  | 330   | 330  | 330   | 332  | 331   | 331  | 330   | 330  | 329   | 329  | 328   |  |  |  |
| 35                | 302  | 303  | 303  | 304  | 303  | 304   | 304  | 305   | 306  | 306   | 306  | 305   | 305  | 304   | 304  | 302   |  |  |  |
| 40                | 275  | 276  | 275  | 276  | 276  | 277   | 277  | 278   | 280  | 279   | 280  | 278   | 278  | 276   | 277  | 275   |  |  |  |
| 45                | 246  | 247  | 246  | 248  | 247  | 249   | 248  | 249   | 251  | 250   | 251  | 249   | 249  | 248   | 248  | 246   |  |  |  |
| 50                | 216  | 217  | 217  | 218  | 218  | 219   | 219  | 220   | 221  | 220   | 221  | 219   | 220  | 218   | 218  | 217   |  |  |  |
| 55                | 186  | 187  | 186  | 188  | 188  | 189   | 188  | 190   | 191  | 190   | 191  | 189   | 189  | 187   | 188  | 186   |  |  |  |
| 60                | 154  | 156  | 155  | 157  | 156  | 158   | 158  | 159   | 160  | 159   | 160  | 158   | 158  | 156   | 156  | 155   |  |  |  |
| 65                | 123  | 124  | 124  | 125  | 125  | 126   | 126  | 127   | 129  | 128   | 128  | 127   | 126  | 125   | 125  | 124   |  |  |  |
| 70                | 91.6 | 92.3 | 92.3 | 93.2 | 93.4 | 94.5  | 94.7 | 95.6  | 96.8 | 96.2  | 96.2 | 95.0  | 94.6 | 93.4  | 93.3 | 92.3  |  |  |  |
| 75                | 61.1 | 61.6 | 61.6 | 62.4 | 62.6 | 63.7  | 64.0 | 64.9  | 66.0 | 65.4  | 65.2 | 64.1  | 63.6 | 62.6  | 62.4 | 61.7  |  |  |  |
| 80                | 32.8 | 33.3 | 33.2 | 34.0 | 34.1 | 35.1  | 35.4 | 36.3  | 37.2 | 36.7  | 36.5 | 35.4  | 35.1 | 34.1  | 34.0 | 33.4  |  |  |  |
| 85                | 8.21 | 8.62 | 8.57 | 9.26 | 9.45 | 10.3  | 10.5 | 11.2  | 11.8 | 11.4  | 11.2 | 10.4  | 10.1 | 9.40  | 9.29 | 8.81  |  |  |  |
| 90                | 0.45 | 0.46 | 0.45 | 0.46 | 0.45 | 0.45  | 0.45 | 0.45  | 0.49 | 0.50  | 0.48 | 0.49  | 0.48 | 0.48  | 0.49 | 0.48  |  |  |  |
| 95                | 0.67 | 0.72 | 0.67 | 0.71 | 0.66 | 0.69  | 0.64 | 0.68  | 0.73 | 0.68  | 0.74 | 0.71  | 0.74 | 0.72  | 0.75 | 0.71  |  |  |  |
| 100               | 1.01 | 1.05 | 1.01 | 1.03 | 1.01 | 1.02  | 0.96 | 1.00  | 1.06 | 1.01  | 1.06 | 1.02  | 1.07 | 1.04  | 1.09 | 1.05  |  |  |  |
| 105               | 1.41 | 1.42 | 1.37 | 1.41 | 1.37 | 1.39  | 1.34 | 1.39  | 1.45 | 1.39  | 1.43 | 1.41  | 1.46 | 1.41  | 1.47 | 1.44  |  |  |  |
| 110               | 1.79 | 1.80 | 1.74 | 1.78 | 1.74 | 1.76  | 1.72 | 1.76  | 1.85 | 1.78  | 1.82 | 1.79  | 1.85 | 1.81  | 1.85 | 1.82  |  |  |  |
| 115               | 2.18 | 2.19 | 2.13 | 2.16 | 2.13 | 2.15  | 2.11 | 2.16  | 2.27 | 2.19  | 2.23 | 2.19  | 2.26 | 2.20  | 2.26 | 2.25  |  |  |  |
| 120               | 2.55 | 2.55 | 2.50 | 2.54 | 2.51 | 2.53  | 2.48 | 2.55  | 2.68 | 2.59  | 2.62 | 2.59  | 2.66 | 2.59  | 2.63 | 2.61  |  |  |  |
| 125               | 2.92 | 2.91 | 2.87 | 2.89 | 2.88 | 2.89  | 2.86 | 2.94  | 3.10 | 2.99  | 3.00 | 2.99  | 3.02 | 2.96  | 3.01 | 2.99  |  |  |  |
| 130               | 3.30 | 3.25 | 3.21 | 3.26 | 3.28 | 3.27  | 3.23 | 3.28  | 3.45 | 3.35  | 3.38 | 3.32  | 3.40 | 3.31  | 3.36 | 3.34  |  |  |  |
| 135               | 3.60 | 3.57 | 3.58 | 3.57 | 3.60 | 3.59  | 3.60 | 3.62  | 3.80 | 3.70  | 3.73 | 3.65  | 3.72 | 3.64  | 3.70 | 3.65  |  |  |  |
| 140               | 3.89 | 3.87 | 3.88 | 3.91 | 3.92 | 3.93  | 3.90 | 3.94  | 4.09 | 4.01  | 4.04 | 3.98  | 4.03 | 3.96  | 4.00 | 3.94  |  |  |  |
| 145               | 4.17 | 4.13 | 4.12 | 4.22 | 4.27 | 4.24  | 4.18 | 4.22  | 4.36 | 4.28  | 4.34 | 4.27  | 4.36 | 4.23  | 4.30 | 4.19  |  |  |  |
| 150               | 4.38 | 4.36 | 4.35 | 4.43 | 4.46 | 4.46  | 4.40 | 4.47  | 4.58 | 4.49  | 4.59 | 4.54  | 4.58 | 4.49  | 4.53 | 4.42  |  |  |  |
| 155               | 4.57 | 4.55 | 4.55 | 4.64 | 4.68 | 4.68  | 4.60 | 4.68  | 4.78 | 4.67  | 4.77 | 4.78  | 4.83 | 4.73  | 4.70 | 4.60  |  |  |  |
| 160               | 4.76 | 4.75 | 4.72 | 4.84 | 4.89 | 4.87  | 4.78 | 4.87  | 4.95 | 4.85  | 4.92 | 4.97  | 5.02 | 4.91  | 4.86 | 4.76  |  |  |  |
| 165               | 4.97 | 4.97 | 4.92 | 5.04 | 5.07 | 5.07  | 5.02 | 5.11  | 5.12 | 5.05  | 5.08 | 5.12  | 5.17 | 5.06  | 5.00 | 4.97  |  |  |  |
| 170               | 5.18 | 5.21 | 5.17 | 5.26 | 5.24 | 5.27  | 5.26 | 5.36  | 5.32 | 5.31  | 5.29 | 5.21  | 5.24 | 5.19  | 5.17 | 5.19  |  |  |  |
| 175               | 5.37 | 5.44 | 5.45 | 5.47 | 5.38 | 5.46  | 5.50 | 5.55  | 5.49 | 5.50  | 5.55 | 5.42  | 5.38 | 5.36  | 5.43 | 5.40  |  |  |  |
| 180               | 5.57 | 5.60 | 5.66 | 5.62 | 5.56 | 5.55  | 5.64 | 5.61  | 5.57 | 5.61  | 5.68 | 5.58  | 5.59 | 5.52  | 5.63 | 5.57  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:  
Test Date:2025-05-29

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks: