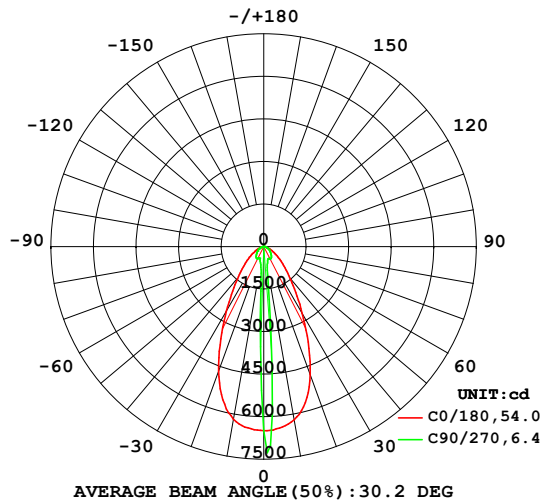


**LUMINAIRE PHOTOMETRIC TEST REPORT**

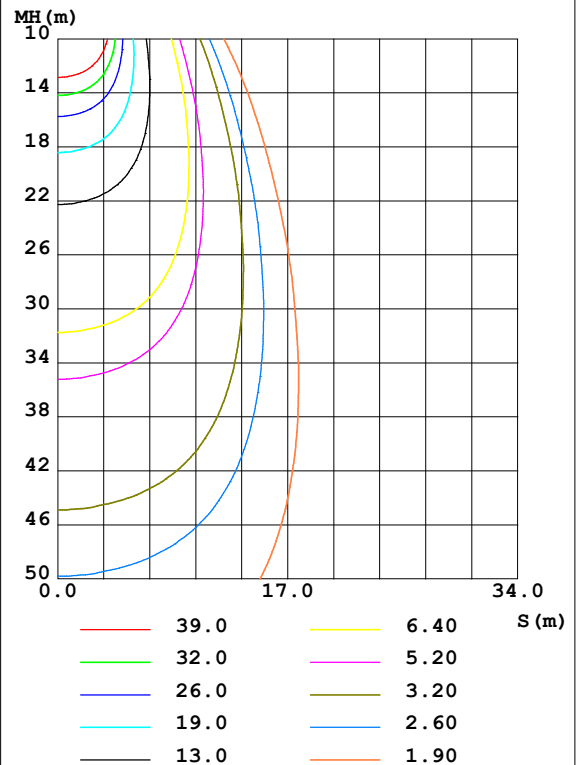
|                                                                   |         |                  |
|-------------------------------------------------------------------|---------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |         |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLP0:x_x       | WEIGHT: |                  |
| SPEC.:                                                            | DIM.:   | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.:   | Shielding Angle: |

| DATA OF LAMP     |                    | PHOTOMETRIC DATA Eff: 93.72 lm/W |        |                   |          |
|------------------|--------------------|----------------------------------|--------|-------------------|----------|
| MODEL: 2000A     | 1300lm 940 HV ADV6 | Imax(cd)                         | 7269   | S/MH(C0/180)      | 0.83     |
| NOMINAL POWER(W) |                    | LOR(%)                           | 100.0  | S/MH(C90/270)     | 0.08     |
| RATED VOLTAGE(V) | 240                | TOTAL FLUX(lm)                   | 2497.1 | η UP,DN(C0-180)   | 0.0,52.7 |
| NOMINAL FLUX(lm) | 2497.14            | CIE CLASS                        | DIRECT | η UP,DN(C180-360) | 0.0,47.3 |
| LAMPS INSIDE     | 1                  | η up(%)                          | 0.0    | CIBSE SHR NOM     | 0.00     |
| TEST VOLTAGE(V)  | 240                | η down(%)                        | 100.0  | CIBSE SHR MAX     | 1.00     |

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:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [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       | 6205                  | 1203   | 754.4  | 985.9  | 6173   | 802.5  | 646.5  | 801.8  | 0- 10    | 296.8       | 296.8        | 11.9,11.9 |
| 20       | 4801                  | 537.2  | 464.5  | 486.0  | 4660   | 499.4  | 441.3  | 474.7  | 10- 20   | 397.9       | 694.6        | 27.8,27.8 |
| 30       | 2724                  | 452.3  | 498.1  | 410.6  | 2641   | 433.7  | 494.3  | 418.5  | 20- 30   | 427.9       | 1123         | 45,45     |
| 40       | 1436                  | 415.7  | 426.7  | 380.1  | 1390   | 407.8  | 417.3  | 390.5  | 30- 40   | 425.4       | 1548         | 62,62     |
| 50       | 797.3                 | 321.1  | 317.9  | 297.6  | 768.2  | 315.6  | 308.1  | 297.7  | 40- 50   | 375.6       | 1924         | 77,77     |
| 60       | 407.4                 | 226.4  | 219.6  | 209.3  | 389.8  | 219.7  | 214.3  | 206.6  | 50- 60   | 288.7       | 2212         | 88.6,88.6 |
| 70       | 164.9                 | 127.5  | 118.7  | 117.5  | 156.7  | 126.1  | 119.8  | 119.3  | 60- 70   | 186.0       | 2398         | 96,96     |
| 80       | 40.33                 | 38.56  | 34.16  | 35.40  | 36.97  | 39.30  | 36.53  | 37.38  | 70- 80   | 83.17       | 2482         | 99.4,99.4 |
| 90       | 1.181                 | 0.3531 | 0.3065 | 0.3317 | 0.4570 | 0.3456 | 0.3220 | 0.3352 | 80- 90   | 15.64       | 2497         | 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     |              |           |

Conical surface Flux(90deg): 1745 lm

%lum = 69.9%

%lamp = 69.9%

Conical surface Flux(120deg): 2212.3 lm

%lum = 88.6%

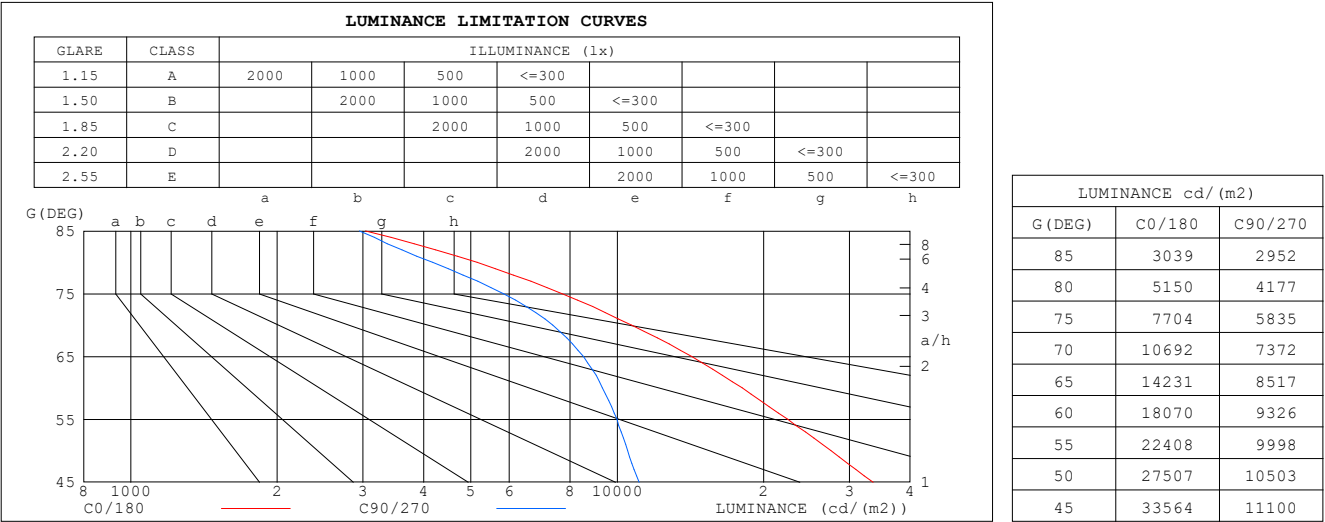
%lamp = 88.6%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

|                                                                   |       |                  |
|-------------------------------------------------------------------|-------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |       |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLD:x_x        |       | WEIGHT:          |
| SPEC.:                                                            | DIM.: | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.: | Shielding Angle: |



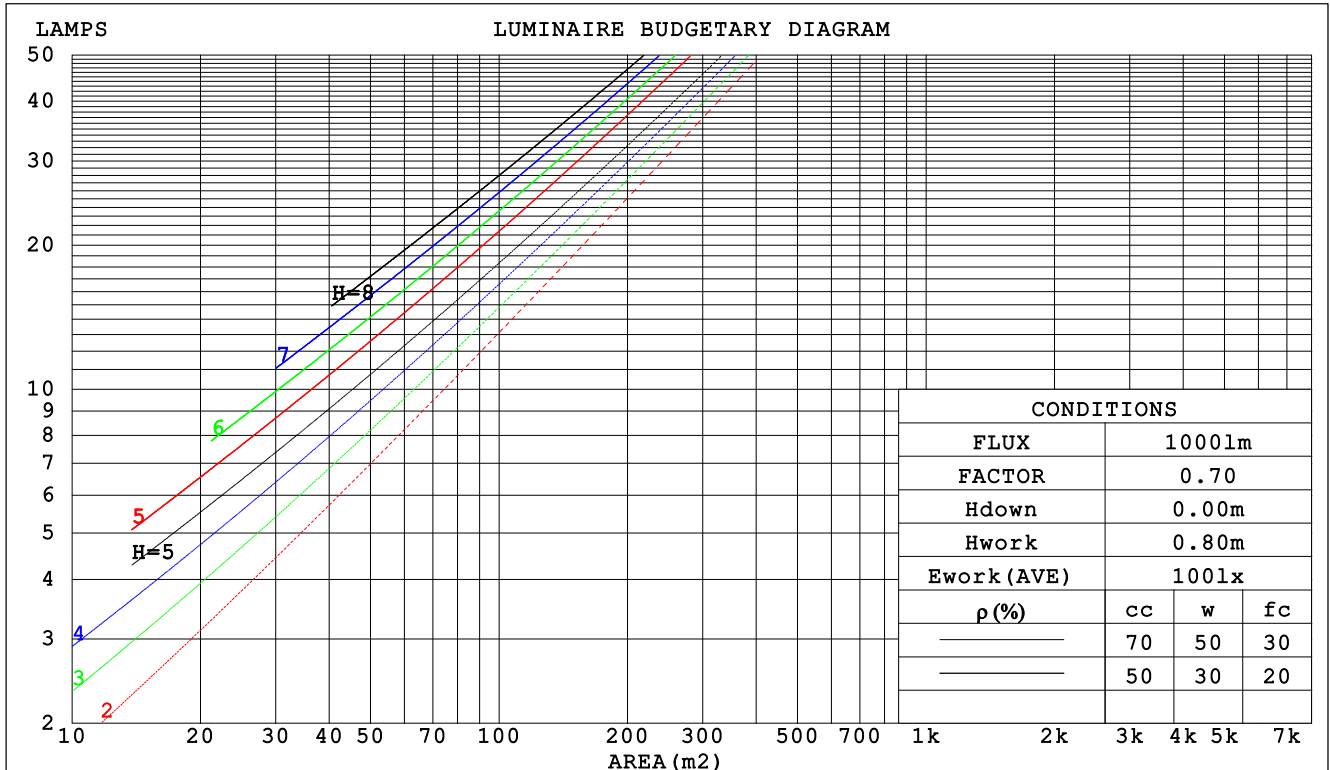
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

|                                                                   |       |                  |
|-------------------------------------------------------------------|-------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |       |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLP0:x_x       |       | WEIGHT:          |
| SPEC.:                                                            | DIM.: | SERIAL No.:      |
| MFR.: DARKON                                                      | 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 | 1.00 |
| 1.0                   | 1.07                            | 1.04 | 1.01 | 1.05 | 1.02 | .99  | 1.01 | .98  | .96  | .97  | .95  | .93  | .94  | .92  | .90  | .89  |
| 2.0                   | .96                             | .91  | .86  | .95  | .90  | .85  | .91  | .87  | .83  | .88  | .85  | .82  | .85  | .82  | .80  | .78  |
| 3.0                   | .87                             | .80  | .75  | .86  | .79  | .75  | .83  | .78  | .73  | .80  | .76  | .72  | .78  | .74  | .71  | .69  |
| 4.0                   | .79                             | .72  | .66  | .78  | .71  | .66  | .76  | .70  | .65  | .74  | .68  | .64  | .72  | .67  | .64  | .62  |
| 5.0                   | .73                             | .65  | .60  | .72  | .65  | .59  | .70  | .63  | .59  | .68  | .62  | .58  | .66  | .61  | .58  | .56  |
| 6.0                   | .67                             | .59  | .54  | .66  | .59  | .54  | .64  | .58  | .53  | .63  | .57  | .53  | .61  | .56  | .53  | .51  |
| 7.0                   | .62                             | .55  | .49  | .61  | .54  | .49  | .60  | .54  | .49  | .59  | .53  | .49  | .57  | .52  | .48  | .47  |
| 8.0                   | .58                             | .51  | .46  | .57  | .50  | .45  | .56  | .50  | .45  | .55  | .49  | .45  | .54  | .49  | .45  | .43  |
| 9.0                   | .54                             | .47  | .42  | .54  | .47  | .42  | .53  | .46  | .42  | .52  | .46  | .42  | .51  | .46  | .42  | .40  |
| 10.0                  | .51                             | .44  | .40  | .51  | .44  | .39  | .50  | .44  | .39  | .49  | .43  | .39  | .48  | .43  | .39  | .38  |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

**WEC AND CCEC**

|                                                                   |         |                  |
|-------------------------------------------------------------------|---------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |         |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLD0:x_x       | WEIGHT: |                  |
| SPEC.:                                                            | DIM.:   | SERIAL No.:      |
| MFR.: DARKON                                                      | 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  | .244                  | .139 | .044 | .237 | .135 | .043 | .224                             | .129 | .041 | .213 | .123 | .039 | .202 | .117 | .038 |   |  |
| 2.0  | .234                  | .128 | .039 | .228 | .126 | .039 | .217                             | .121 | .037 | .207 | .116 | .036 | .197 | .112 | .035 |   |  |
| 3.0  | .220                  | .117 | .035 | .215 | .115 | .035 | .205                             | .111 | .034 | .196 | .107 | .033 | .188 | .104 | .032 |   |  |
| 4.0  | .205                  | .107 | .031 | .201 | .105 | .031 | .192                             | .102 | .030 | .184 | .099 | .030 | .177 | .096 | .029 |   |  |
| 5.0  | .192                  | .098 | .028 | .188 | .097 | .028 | .180                             | .094 | .028 | .173 | .092 | .027 | .167 | .089 | .027 |   |  |
| 6.0  | .180                  | .090 | .026 | .176 | .089 | .026 | .169                             | .087 | .025 | .163 | .085 | .025 | .157 | .083 | .025 |   |  |
| 7.0  | .169                  | .083 | .024 | .165 | .082 | .023 | .160                             | .081 | .023 | .154 | .079 | .023 | .149 | .077 | .023 |   |  |
| 8.0  | .159                  | .077 | .022 | .156 | .077 | .022 | .150                             | .075 | .021 | .145 | .074 | .021 | .141 | .072 | .021 |   |  |
| 9.0  | .150                  | .072 | .020 | .147 | .072 | .020 | .142                             | .070 | .020 | .138 | .069 | .020 | .134 | .068 | .020 |   |  |
| 10.0 | .141                  | .068 | .019 | .139 | .067 | .019 | .135                             | .066 | .019 | .131 | .065 | .018 | .127 | .064 | .018 |   |  |

| 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  | .176                  | .157 | .140 | .150 | .135 | .120 | .103                                       | .093 | .083 | .059 | .054 | .048 | .019 | .017 | .016 |   |
| 2.0  | .165                  | .132 | .105 | .141 | .114 | .091 | .097                                       | .079 | .063 | .056 | .046 | .037 | .018 | .015 | .012 |   |
| 3.0  | .155                  | .114 | .081 | .133 | .098 | .071 | .091                                       | .068 | .049 | .053 | .040 | .029 | .017 | .013 | .010 |   |
| 4.0  | .146                  | .100 | .065 | .125 | .086 | .056 | .086                                       | .060 | .040 | .050 | .035 | .023 | .016 | .011 | .008 |   |
| 5.0  | .138                  | .089 | .053 | .119 | .077 | .046 | .082                                       | .054 | .032 | .047 | .032 | .019 | .015 | .010 | .006 |   |
| 6.0  | .131                  | .080 | .044 | .112 | .070 | .038 | .078                                       | .049 | .027 | .045 | .029 | .016 | .015 | .009 | .005 |   |
| 7.0  | .124                  | .073 | .037 | .107 | .063 | .033 | .074                                       | .044 | .023 | .043 | .026 | .014 | .014 | .009 | .005 |   |
| 8.0  | .118                  | .067 | .032 | .101 | .058 | .028 | .070                                       | .041 | .020 | .041 | .024 | .012 | .013 | .008 | .004 |   |
| 9.0  | .112                  | .062 | .028 | .096 | .054 | .025 | .067                                       | .038 | .017 | .039 | .022 | .010 | .013 | .007 | .003 |   |
| 10.0 | .107                  | .058 | .025 | .092 | .050 | .022 | .064                                       | .035 | .015 | .037 | .021 | .009 | .012 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

|                                                                   |                  |      |      |       |      |                |      |                  |      |      |
|-------------------------------------------------------------------|------------------|------|------|-------|------|----------------|------|------------------|------|------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |                  |      |      |       |      |                |      |                  |      |      |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLP0:x_x       |                  |      |      |       |      |                |      | WEIGHT:          |      |      |
| SPEC.:                                                            |                  |      |      | DIM.: |      |                |      | SERIAL No.:      |      |      |
| MFR.: DARKON                                                      |                  |      |      | 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                                                     | 22.8             | 24.1 | 23.1 | 24.3  | 24.5 | 19.0           | 20.3 | 19.3             | 20.5 | 20.7 |
| 3H                                                                | 23.6             | 24.8 | 23.9 | 25.0  | 25.2 | 20.2           | 21.4 | 20.5             | 21.6 | 21.8 |
| 4H                                                                | 23.8             | 24.9 | 24.1 | 25.1  | 25.4 | 20.6           | 21.7 | 20.9             | 21.9 | 22.1 |
| 6H                                                                | 23.9             | 24.9 | 24.2 | 25.1  | 25.4 | 20.7           | 21.8 | 21.0             | 22.0 | 22.3 |
| 8H                                                                | 23.8             | 24.8 | 24.2 | 25.1  | 25.4 | 20.7           | 21.7 | 21.1             | 22.0 | 22.3 |
| 12H                                                               | 23.8             | 24.8 | 24.2 | 25.1  | 25.3 | 20.7           | 21.7 | 21.1             | 22.0 | 22.3 |
| 4H 2H                                                             | 22.9             | 24.0 | 23.2 | 24.2  | 24.5 | 19.7           | 20.8 | 20.0             | 21.1 | 21.3 |
| 3H                                                                | 23.8             | 24.8 | 24.2 | 25.1  | 25.4 | 21.0           | 22.0 | 21.4             | 22.3 | 22.6 |
| 4H                                                                | 24.1             | 25.0 | 24.5 | 25.3  | 25.6 | 21.5           | 22.3 | 21.8             | 22.6 | 23.0 |
| 6H                                                                | 24.2             | 25.0 | 24.6 | 25.3  | 25.7 | 21.7           | 22.4 | 22.1             | 22.8 | 23.1 |
| 8H                                                                | 24.2             | 25.0 | 24.6 | 25.3  | 25.7 | 21.7           | 22.4 | 22.1             | 22.8 | 23.2 |
| 12H                                                               | 24.2             | 24.9 | 24.6 | 25.3  | 25.7 | 21.7           | 22.4 | 22.1             | 22.8 | 23.2 |
| 8H 4H                                                             | 24.1             | 24.8 | 24.5 | 25.2  | 25.6 | 21.6           | 22.4 | 22.0             | 22.7 | 23.1 |
| 6H                                                                | 24.3             | 24.9 | 24.7 | 25.3  | 25.7 | 21.9           | 22.5 | 22.4             | 22.9 | 23.4 |
| 8H                                                                | 24.3             | 24.9 | 24.8 | 25.3  | 25.7 | 22.0           | 22.5 | 22.5             | 23.0 | 23.4 |
| 12H                                                               | 24.3             | 24.8 | 24.8 | 25.2  | 25.7 | 22.1           | 22.5 | 22.5             | 23.0 | 23.4 |
| 12H 4H                                                            | 24.1             | 24.7 | 24.5 | 25.1  | 25.5 | 21.6           | 22.3 | 22.0             | 22.7 | 23.1 |
| 6H                                                                | 24.3             | 24.8 | 24.7 | 25.2  | 25.7 | 22.0           | 22.5 | 22.4             | 22.9 | 23.3 |
| 8H                                                                | 24.3             | 24.8 | 24.8 | 25.2  | 25.7 | 22.0           | 22.5 | 22.5             | 22.9 | 23.4 |
| Variations with the observer position at spacings:                |                  |      |      |       |      |                |      |                  |      |      |
| S = 1.0H                                                          | + 1.5 / - 0.6    |      |      |       |      | + 0.3 / - 0.3  |      |                  |      |      |
| 1.5H                                                              | + 2.4 / - 1.6    |      |      |       |      | + 0.1 / - 0.3  |      |                  |      |      |
| 2.0H                                                              | + 2.9 / - 2.1    |      |      |       |      | + 0.3 / - 0.4  |      |                  |      |      |

CIE Pub.117 Corrected 2497 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.2)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

|                                                                   |         |                  |
|-------------------------------------------------------------------|---------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |         |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLD:x_x        | WEIGHT: |                  |
| SPEC.:                                                            | DIM.:   | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.:   | Shielding Angle: |

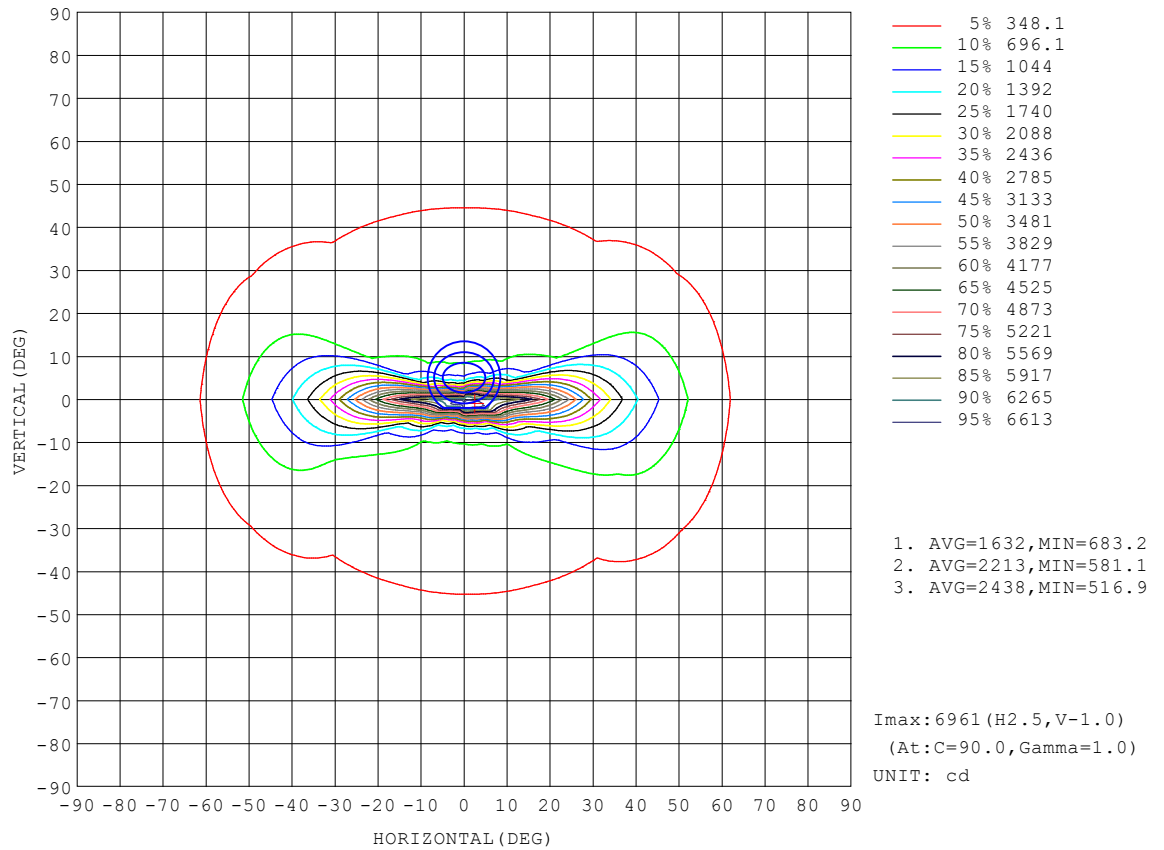
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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                         | 68                                                   | 58  | 52        | 67  | 58  | 52  | 66  | 57            | 52  | 46     |
| 0.80                             | 77                                                   | 68  | 62        | 76  | 67  | 62  | 75  | 67            | 61  | 55     |
| 1.00                             | 85                                                   | 76  | 70        | 84  | 75  | 69  | 82  | 76            | 69  | 63     |
| 1.25                             | 91                                                   | 82  | 77        | 90  | 82  | 76  | 87  | 80            | 75  | 69     |
| 1.50                             | 95                                                   | 87  | 82        | 94  | 86  | 81  | 91  | 85            | 80  | 74     |
| 2.00                             | 101                                                  | 94  | 89        | 99  | 93  | 88  | 96  | 90            | 86  | 80     |
| 2.50                             | 104                                                  | 97  | 93        | 102 | 96  | 92  | 98  | 94            | 90  | 83     |
| 3.00                             | 106                                                  | 101 | 96        | 104 | 99  | 95  | 100 | 96            | 93  | 86     |
| 4.00                             | 109                                                  | 105 | 101       | 107 | 103 | 100 | 103 | 100           | 97  | 89     |
| 5.00                             | 111                                                  | 108 | 104       | 109 | 106 | 103 | 105 | 102           | 100 | 91     |
| 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: JEFF  
Test Date: 21 July 2026

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 7.917m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

|                                                                   |         |                  |
|-------------------------------------------------------------------|---------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |         |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLD: x_x       | WEIGHT: |                  |
| SPEC.:                                                            | DIM.:   | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.:   | Shielding Angle: |



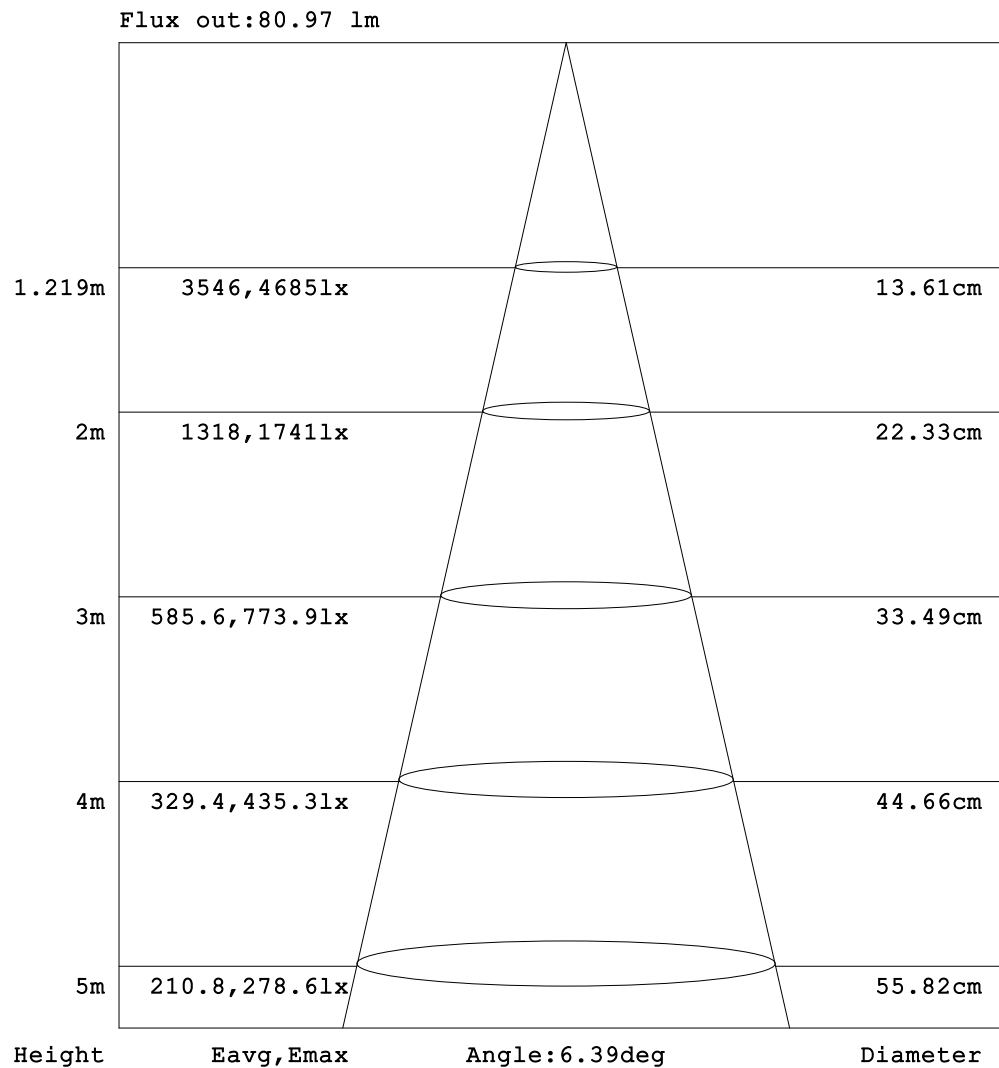
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:



**AAI Figure**

|                                                                   |         |                  |
|-------------------------------------------------------------------|---------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |         |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLP0:x_x       | WEIGHT: |                  |
| SPEC.:                                                            | DIM.:   | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.:   | Shielding Angle: |



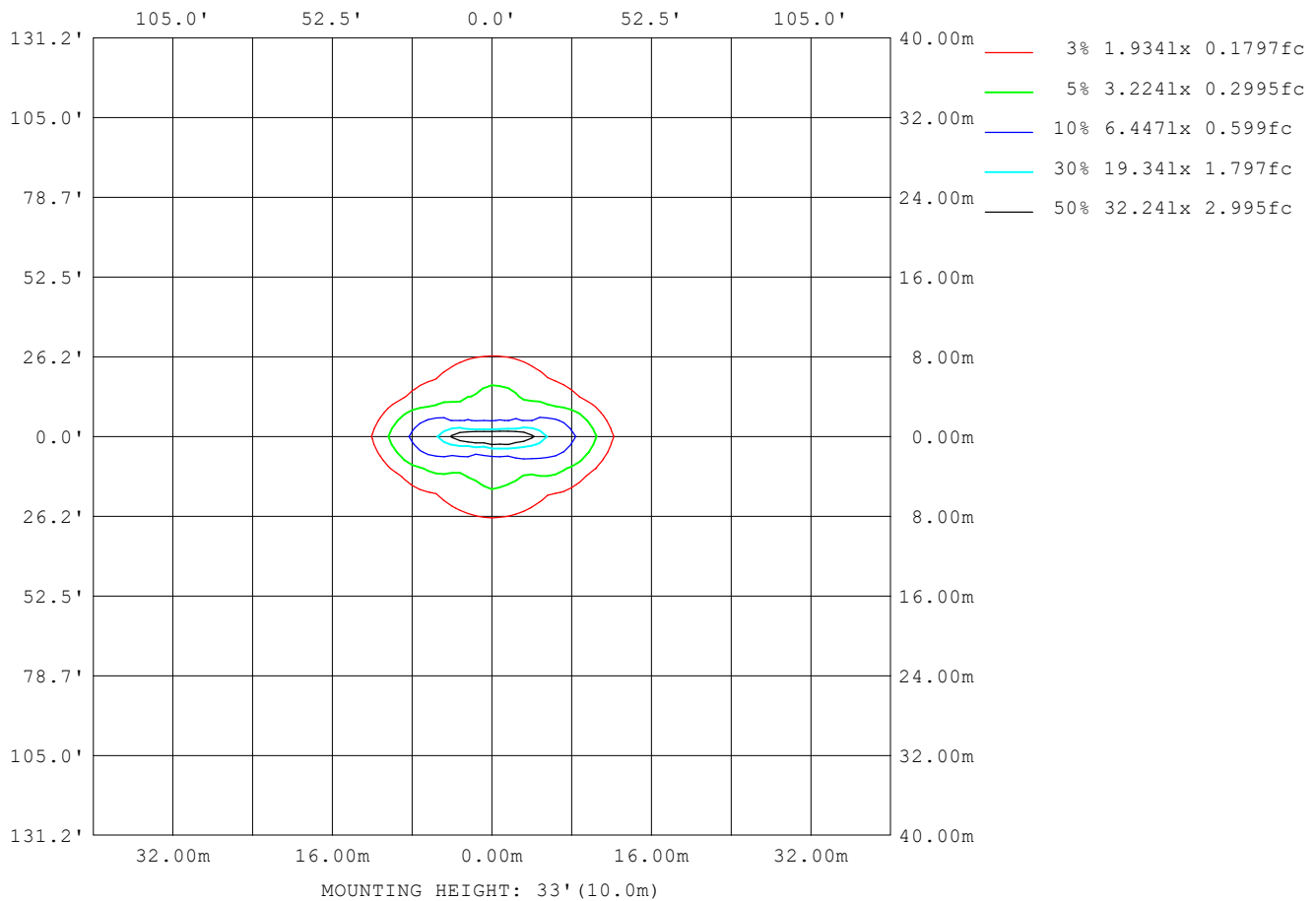
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

|                                                                   |         |                  |
|-------------------------------------------------------------------|---------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |         |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLP0:x_x       | WEIGHT: |                  |
| SPEC.:                                                            | DIM.:   | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.:   | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                                                                   |       |                  |
|-------------------------------------------------------------------|-------|------------------|
| Test:U:240.1V I:0.1176A P:26.64W PF:0.9437 Lamp Flux:2497.14x1 lm |       |                  |
| NAME: SLIM C_1160_x_WHT_WHT_NARROW_HE_500mA_4000K_CFLD:x_x        |       | WEIGHT:          |
| SPEC.:                                                            | DIM.: | SERIAL No.:      |
| MFR.: DARKON                                                      | SUR.: | Shielding Angle: |

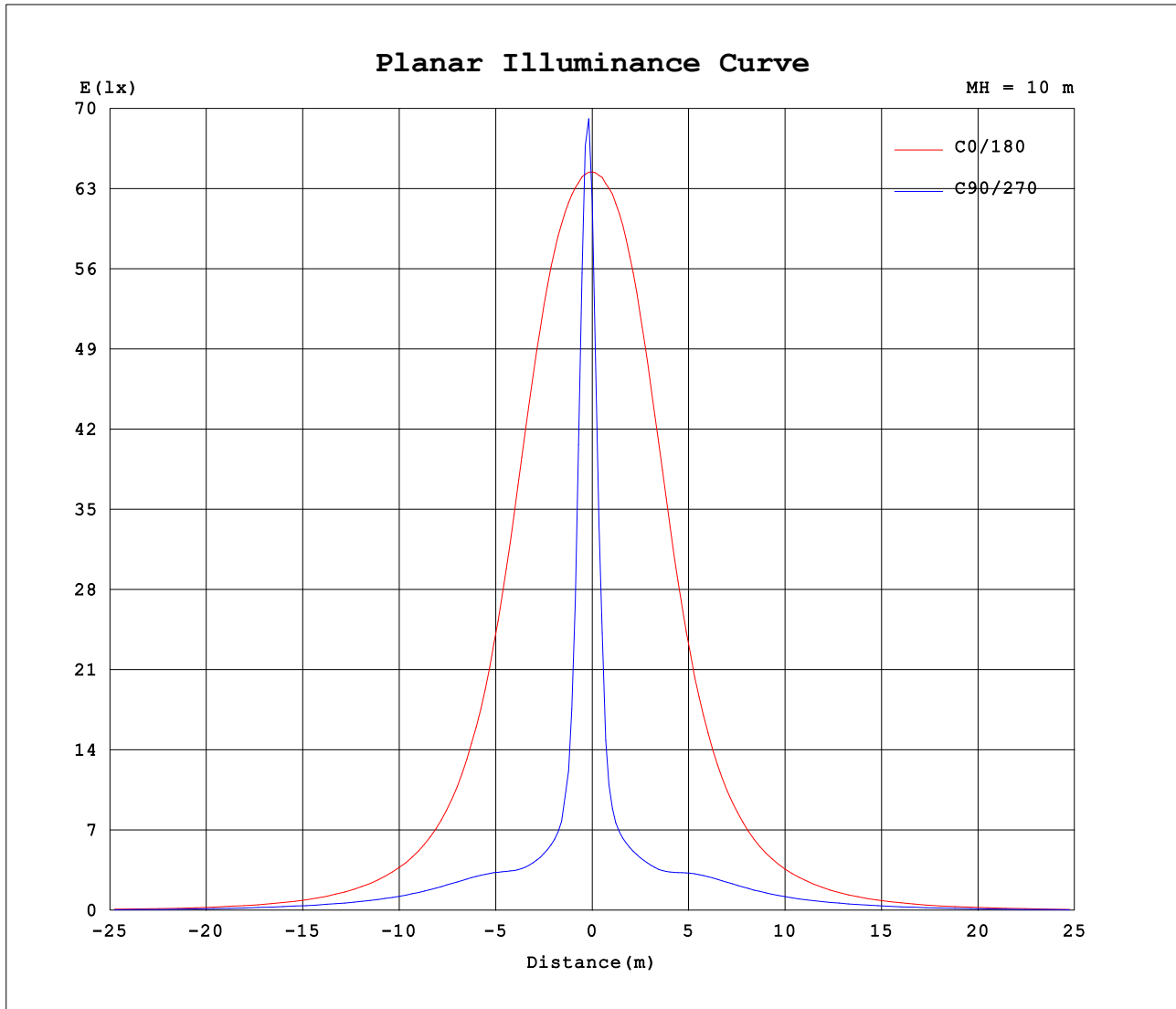
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 13971 |
| L_0~180 (75) av  | 7505  |
| L_0~180 (85) av  | 2860  |
| L_90~270 (65) av | 8891  |
| L_90~270 (75) av | 6252  |
| L_90~270 (85) av | 3240  |
| L_45 (65) av     | 8975  |
| L_45 (75) av     | 6588  |
| L_45 (85) av     | 3255  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:21 July 2026

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.917m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: JEFF  
Test Date: 21 July 2026

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 7.917m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.917m [K=1.0000]
Remarks:

```