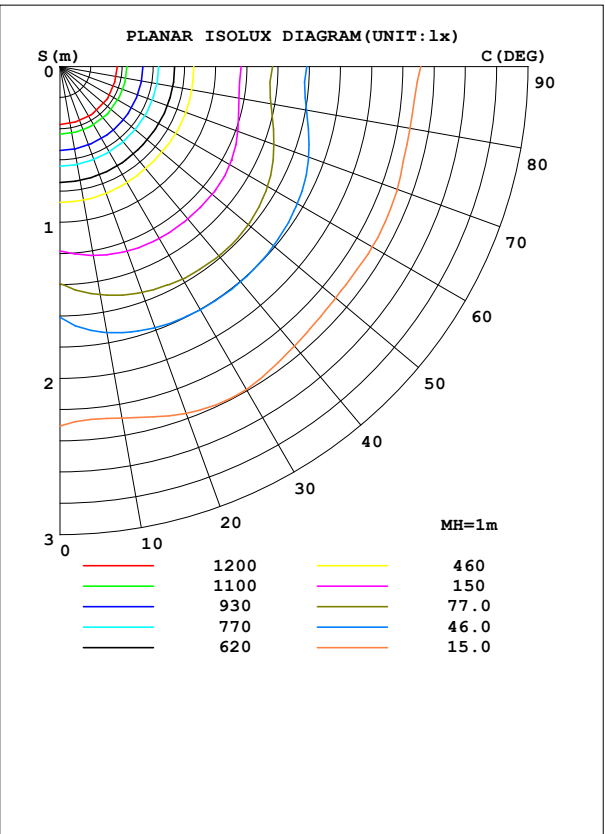
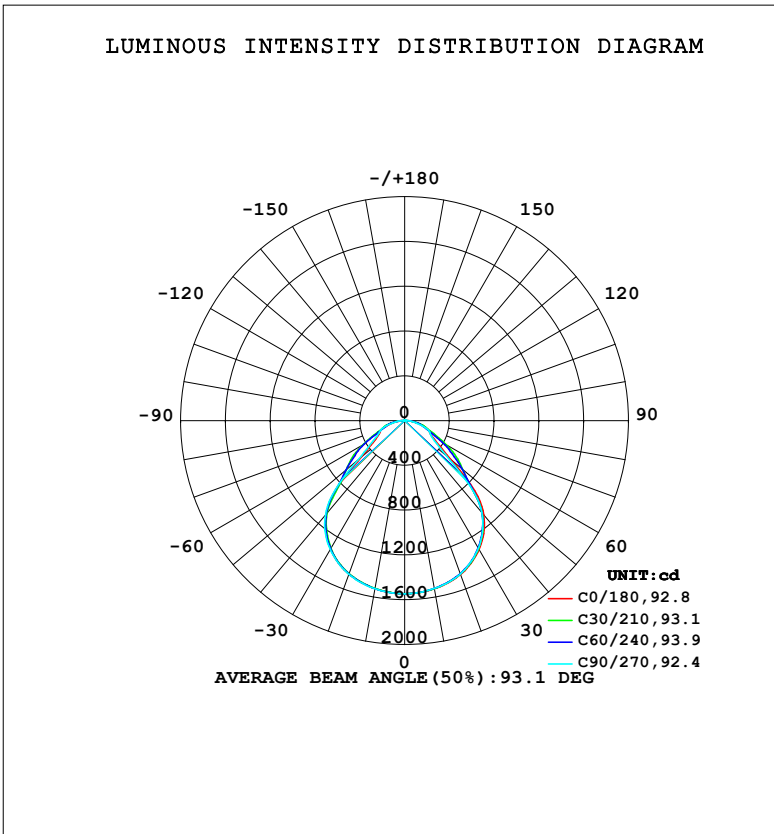


LUMINAIRE PHOTOMETRIC TEST REPORT

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |

| DATA OF LAMP      |         | PHOTOMETRIC DATA                  |        |  |          |
|-------------------|---------|-----------------------------------|--------|--|----------|
| MODEL             |         | Imax (cd)                         | 1546   | S/MH (C0/180)                              | 1.27     |
| NOMINAL POWER (W) | 36      | LOR (%)                           | 100.0  | S/MH (C90/270)                             | 1.27     |
| RATED VOLTAGE (V) | 230     | TOTAL FLUX (lm)                   | 3600.7 | <input type="checkbox"/> UP, DN (C0-180)   | 0.5,49.0 |
| NOMINAL FLUX (lm) | 3600.69 | CIE CLASS                         | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.6,50.0 |
| LAMPS INSIDE      | 1       | <input type="checkbox"/> up (%)   | 1.0    | CIBSE SHR NOM                              | 1.25     |
| TEST VOLTAGE (V)  |         | <input type="checkbox"/> down (%) | 99.0   | CIBSE SHR MAX                              | 1.35     |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: CJS  
 Test Date: 2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| °   | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | °       | □ zone  | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10  | 1525                  | 1522  | 1523  | 1521  | 1524  | 1523  | 1526  | 1525  | 0- 10   | 146.5   | 146.5   | 4.07,4.07  |
| 20  | 1462                  | 1455  | 1458  | 1453  | 1460  | 1454  | 1461  | 1457  | 10- 20  | 422.6   | 569.1   | 15.8,15.8  |
| 30  | 1330                  | 1314  | 1317  | 1307  | 1326  | 1317  | 1330  | 1322  | 20- 30  | 644.1   | 1213    | 33.7,33.7  |
| 40  | 1100                  | 1065  | 1073  | 1048  | 1091  | 1076  | 1101  | 1075  | 30- 40  | 758.1   | 1971    | 54.7,54.7  |
| 50  | 534.6                 | 672.0 | 485.0 | 672.1 | 503.7 | 679.5 | 547.7 | 709.4 | 40- 50  | 658.7   | 2630    | 73,73      |
| 60  | 286.1                 | 427.8 | 275.3 | 409.7 | 279.0 | 436.3 | 295.1 | 459.0 | 50- 60  | 443.7   | 3074    | 85.4,85.4  |
| 70  | 214.2                 | 191.1 | 208.1 | 184.3 | 217.8 | 198.2 | 216.9 | 198.7 | 60- 70  | 273.3   | 3347    | 93,93      |
| 80  | 100.1                 | 108.0 | 88.98 | 98.26 | 93.35 | 109.3 | 99.91 | 122.1 | 70- 80  | 161.0   | 3508    | 97.4,97.4  |
| 90  | 5.679                 | 5.474 | 5.269 | 5.352 | 6.560 | 15.37 | 8.564 | 5.259 | 80- 90  | 55.38   | 3563    | 99,99      |
| 100 | 5.296                 | 5.132 | 4.995 | 5.056 | 5.450 | 5.497 | 4.996 | 5.352 | 90-100  | 5.977   | 3569    | 99.1,99.1  |
| 110 | 5.296                 | 5.082 | 4.995 | 4.987 | 6.213 | 6.144 | 5.666 | 6.082 | 100-110 | 5.640   | 3575    | 99.3,99.3  |
| 120 | 5.296                 | 5.050 | 4.995 | 4.987 | 7.064 | 6.870 | 6.243 | 6.908 | 110-120 | 5.692   | 3581    | 99.4,99.4  |
| 130 | 5.296                 | 5.079 | 5.116 | 4.987 | 7.917 | 6.870 | 6.830 | 7.226 | 120-130 | 5.401   | 3586    | 99.6,99.6  |
| 140 | 5.296                 | 5.140 | 5.151 | 4.987 | 8.279 | 6.870 | 7.174 | 7.126 | 130-140 | 4.912   | 3591    | 99.7,99.7  |
| 150 | 5.296                 | 5.352 | 5.209 | 5.185 | 8.279 | 6.870 | 7.980 | 7.098 | 140-150 | 4.056   | 3595    | 99.8,99.8  |
| 160 | 6.026                 | 5.512 | 6.085 | 5.292 | 8.279 | 6.870 | 7.979 | 7.168 | 150-160 | 3.022   | 3598    | 99.9,99.9  |
| 170 | 7.001                 | 6.283 | 6.940 | 6.189 | 8.257 | 6.870 | 7.230 | 7.175 | 160-170 | 1.961   | 3600    | 100,100    |
| 180 | 7.122                 | 6.323 | 7.065 | 6.143 | 8.218 | 6.323 | 7.187 | 6.812 | 170-180 | 0.6717  | 3601    | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |         | UNIT:lm |         |            |

Conical surface Flux(90deg): 2332.6 lm

%lum = 64.8%

%lamp = 64.8%

Conical surface Flux(130deg): 3229.6 lm

%lum = 89.7%

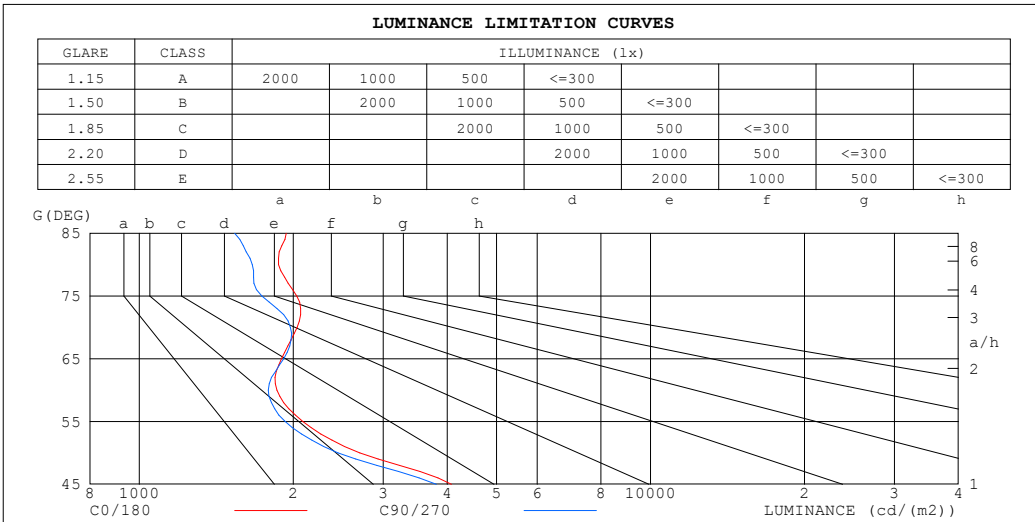
%lamp = 89.7%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1939   | 1536    |
| 80                | 1872   | 1663    |
| 75                | 2032   | 1737    |
| 70                | 2034   | 1975    |
| 65                | 1897   | 1916    |
| 60                | 1858   | 1787    |
| 55                | 2088   | 1930    |
| 50                | 2702   | 2449    |
| 45                | 4077   | 3809    |

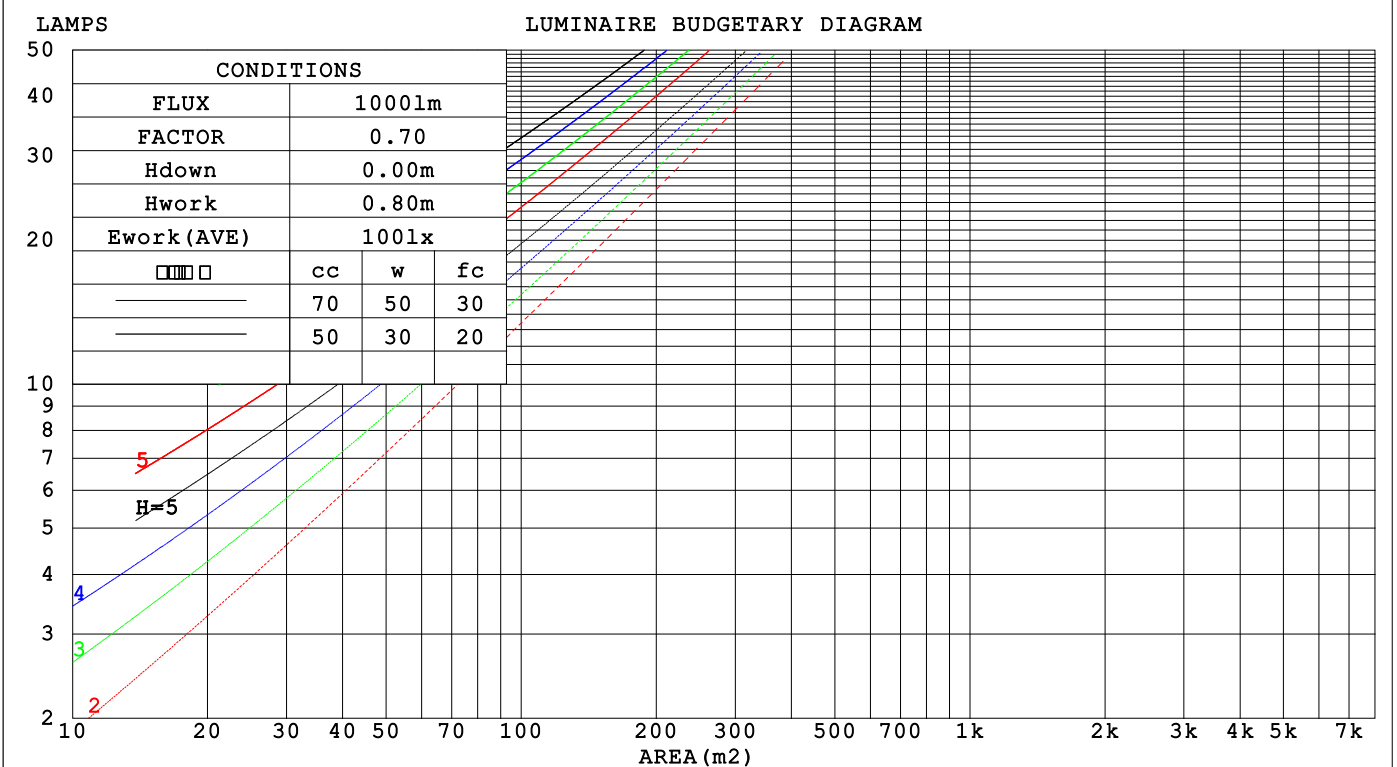
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |

|      |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| □cc  | 80%  |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0   |
| □w   | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| □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 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0  | 1.05   | 1.02 | .98  | 1.03 | .90  | .96  | .99  | .96  | .93  | .95  | .92  | .90  | .91  | .89  | .87  | .85 |
| 2.0  | .93  | .87  | .82  | .92  | .86  | .81  | .88  | .83  | .79  | .85  | .81  | .77  | .81  | .78  | .75  | .73 |
| 3.0  | .83  | .76  | .70  | .82  | .75  | .69  | .79  | .73  | .68  | .76  | .71  | .67  | .73  | .69  | .65  | .63 |
| 4.0  | .75  | .67  | .61  | .73  | .66  | .60  | .71  | .64  | .59  | .68  | .63  | .58  | .66  | .61  | .57  | .55 |
| 5.0  | .67  | .59  | .53  | .66  | .58  | .53  | .64  | .57  | .52  | .62  | .56  | .51  | .60  | .55  | .51  | .49 |
| 6.0  | .61  | .53  | .47  | .60  | .52  | .47  | .58  | .51  | .46  | .57  | .50  | .46  | .55  | .50  | .45  | .43 |
| 7.0  | .56  | .48  | .42  | .55  | .47  | .42  | .53  | .46  | .41  | .52  | .46  | .41  | .51  | .45  | .41  | .39 |
| 8.0  | .51  | .43  | .38  | .50  | .43  | .38  | .49  | .42  | .37  | .48  | .42  | .37  | .47  | .41  | .37  | .35 |
| 9.0  | .47  | .39  | .34  | .47  | .39  | .34  | .45  | .39  | .34  | .44  | .38  | .34  | .43  | .38  | .33  | .32 |
| 10.0 | .44  | .36  | .31  | .43  | .36  | .31  | .42  | .35  | .31  | .41  | .35  | .31  | .40  | .35  | .30  | .29 |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

WEC AND CCEC

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |

|                             |                       |                |                |                                 |                |   |
|-----------------------------|-----------------------|----------------|----------------|---------------------------------|----------------|---|
| <input type="checkbox"/> cc | 80%                   | 70%            | 50%            | 30%                             | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%           | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%                     | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%                   | 20%            | 20%            | 20%                             | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio |                |                | Wall Exitance Coefficients(WEC) |                |   |
| 0.0                         |                       |                |                |                                 |                |   |
| 1.0                         | .275 .156 .050        | .268 .153 .049 | .254 .146 .047 | .242 .139 .045                  | .230 .133 .043 |   |
| 2.0                         | .260 .143 .044        | .254 .140 .043 | .242 .135 .042 | .231 .130 .041                  | .221 .125 .039 |   |
| 3.0                         | .243 .129 .039        | .238 .127 .038 | .227 .123 .037 | .217 .119 .037                  | .208 .115 .036 |   |
| 4.0                         | .227 .118 .035        | .222 .116 .034 | .212 .113 .034 | .204 .109 .033                  | .196 .106 .032 |   |
| 5.0                         | .211 .108 .031        | .207 .106 .031 | .199 .103 .030 | .191 .101 .030                  | .184 .098 .030 |   |
| 6.0                         | .198 .099 .028        | .194 .098 .028 | .186 .096 .028 | .179 .093 .027                  | .173 .091 .027 |   |
| 7.0                         | .185 .092 .026        | .182 .091 .026 | .175 .089 .026 | .169 .087 .025                  | .163 .085 .025 |   |
| 8.0                         | .174 .085 .024        | .171 .084 .024 | .165 .083 .024 | .160 .081 .023                  | .154 .079 .023 |   |
| 9.0                         | .164 .079 .022        | .161 .079 .022 | .156 .077 .022 | .151 .076 .022                  | .146 .074 .021 |   |
| 10.0                        | .155 .074 .021        | .153 .074 .021 | .148 .072 .020 | .143 .071 .020                  | .139 .070 .020 |   |

|                             |                       |                |                |  |                |   |
|-----------------------------|-----------------------|----------------|----------------|--|----------------|---|
| <input type="checkbox"/> cc | 80%                   | 70%            | 50%            | 30%  | 10%            | 0 |
| <input type="checkbox"/> w  | 50% 30% 10%           | 50% 30% 10%    | 50% 30% 10%    | 50% 30% 10%                                | 50% 30% 10%    | 0 |
| <input type="checkbox"/> fc | 20%                   | 20%            | 20%            | 20%  | 20%            | 0 |
| RCR                         | RCR:Room Cavity Ratio |                |                | Ceiling Cavity Exitance Coefficients(CCEC) |                |   |
| 0.0                         | .198 .198 .198        | .170 .170 .170 | .116 .116 .116 | .066 .066 .066                             | .021 .021 .021 |   |
| 1.0                         | .186 .164 .145        | .159 .141 .125 | .109 .097 .086 | .063 .056 .050                             | .020 .018 .016 |   |
| 2.0                         | .176 .140 .110        | .151 .121 .095 | .103 .083 .066 | .060 .049 .039                             | .019 .016 .013 |   |
| 3.0                         | .167 .122 .086        | .143 .105 .075 | .099 .073 .052 | .057 .043 .031                             | .018 .014 .010 |   |
| 4.0                         | .159 .109 .070        | .137 .094 .061 | .094 .065 .043 | .054 .038 .025                             | .018 .012 .008 |   |
| 5.0                         | .152 .098 .058        | .130 .085 .051 | .090 .059 .036 | .052 .035 .021                             | .017 .011 .007 |   |
| 6.0                         | .145 .089 .050        | .125 .077 .043 | .086 .054 .031 | .050 .032 .018                             | .016 .010 .006 |   |
| 7.0                         | .138 .082 .043        | .119 .071 .038 | .082 .050 .027 | .048 .030 .016                             | .015 .010 .005 |   |
| 8.0                         | .132 .077 .038        | .114 .066 .033 | .079 .047 .024 | .046 .028 .014                             | .015 .009 .005 |   |
| 9.0                         | .127 .072 .035        | .109 .062 .030 | .076 .044 .021 | .044 .026 .013                             | .014 .008 .004 |   |
| 10.0                        | .121 .067 .032        | .105 .059 .028 | .073 .041 .020 | .042 .024 .012                             | .014 .008 .004 |   |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | 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   | 16.0             | 17.3 | 16.2 | 17.5 | 17.8 | 15.4           | 16.8 | 15.6 | 17.0 | 17.2 |
| 3H              | 16.7             | 18.0 | 17.1 | 18.3 | 18.5 | 16.3           | 17.5 | 16.6 | 17.8 | 18.0 |
| 4H              | 17.1             | 18.3 | 17.4 | 18.6 | 18.9 | 16.6           | 17.8 | 16.9 | 18.1 | 18.4 |
| 6H              | 17.5             | 18.6 | 17.8 | 18.9 | 19.2 | 17.0           | 18.1 | 17.3 | 18.4 | 18.7 |
| 8H              | 17.7             | 18.8 | 18.0 | 19.0 | 19.4 | 17.1           | 18.2 | 17.5 | 18.5 | 18.8 |
| 12H             | 17.8             | 18.8 | 18.1 | 19.1 | 19.5 | 17.2           | 18.2 | 17.6 | 18.6 | 18.9 |
| 4H 2H           | 16.3             | 17.5 | 16.7 | 17.8 | 18.1 | 15.8           | 17.1 | 16.2 | 17.3 | 17.6 |
| 3H              | 17.4             | 18.4 | 17.7 | 18.7 | 19.0 | 16.9           | 18.0 | 17.3 | 18.3 | 18.6 |
| 4H              | 17.9             | 18.8 | 18.3 | 19.2 | 19.5 | 17.4           | 18.4 | 17.8 | 18.7 | 19.1 |
| 6H              | 18.4             | 19.3 | 18.8 | 19.6 | 20.0 | 17.9           | 18.8 | 18.3 | 19.1 | 19.5 |
| 8H              | 18.7             | 19.4 | 19.1 | 19.8 | 20.2 | 18.1           | 18.9 | 18.6 | 19.3 | 19.7 |
| 12H             | 18.8             | 19.6 | 19.3 | 20.0 | 20.4 | 18.3           | 19.0 | 18.7 | 19.4 | 19.8 |
| 8H 4H           | 18.1             | 18.9 | 18.6 | 19.3 | 19.7 | 17.7           | 18.5 | 18.2 | 18.9 | 19.3 |
| 6H              | 18.9             | 19.5 | 19.3 | 19.9 | 20.4 | 18.4           | 19.1 | 18.9 | 19.5 | 19.9 |
| 8H              | 19.2             | 19.8 | 19.7 | 20.2 | 20.7 | 18.7           | 19.3 | 19.2 | 19.8 | 20.2 |
| 12H             | 19.5             | 20.0 | 20.0 | 20.4 | 20.9 | 19.0           | 19.5 | 19.5 | 19.9 | 20.4 |
| 12H 4H          | 18.2             | 18.9 | 18.6 | 19.3 | 19.7 | 17.8           | 18.5 | 18.2 | 18.9 | 19.3 |
| 6H              | 18.9             | 19.5 | 19.4 | 19.9 | 20.4 | 18.5           | 19.1 | 19.0 | 19.5 | 20.0 |
| 8H              | 19.3             | 19.8 | 19.8 | 20.3 | 20.8 | 18.9           | 19.4 | 19.4 | 19.8 | 20.3 |

|   |               |               |
|---|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): |               |               |
| S = 1.0H  | + 0.4 / - 0.5 | + 0.4 / - 0.5 |
| 1.5H  | + 0.2 / - 0.5 | + 0.2 / - 0.6 |
| 2.0H  | + 0.7 / - 1.0 | + 0.8 / - 1.0 |

CIE Pub.117, 3601 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.5)  
Area: 0.308 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:CJS  
Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:26.000m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |

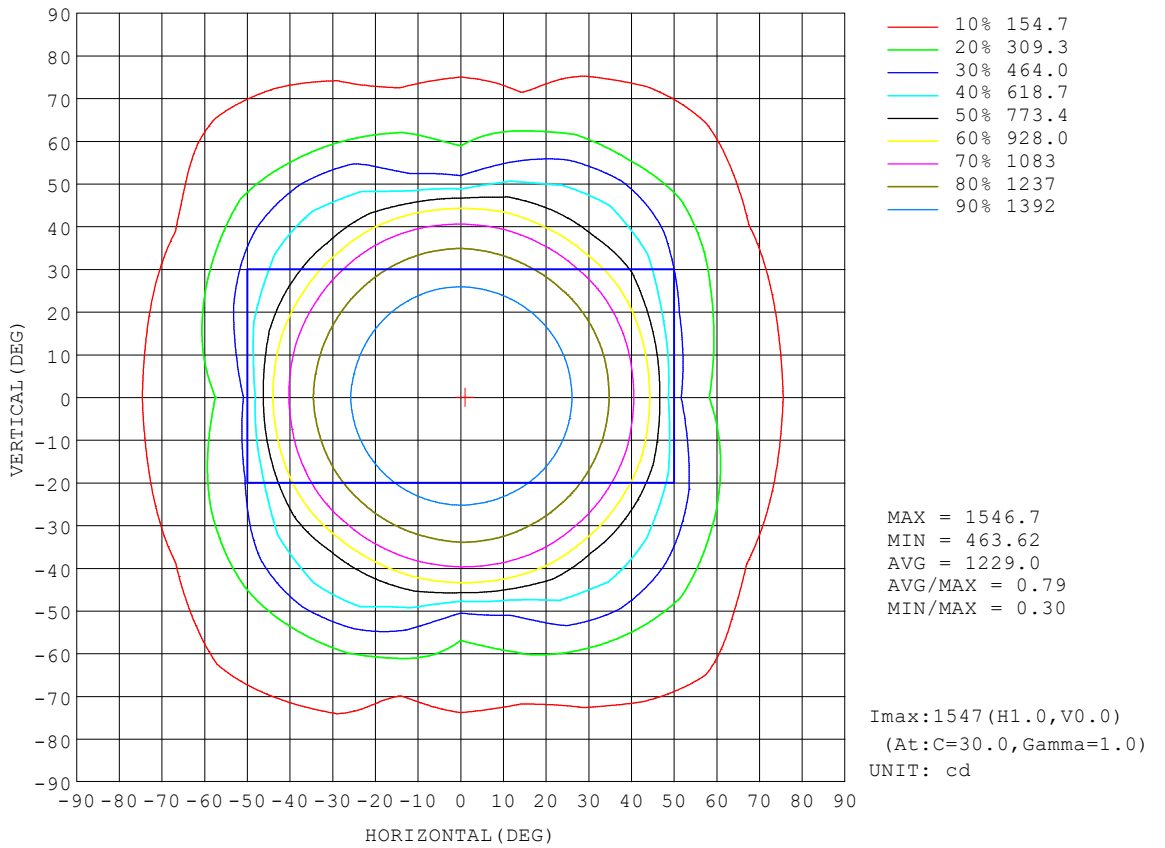
| REFLECTANCE                      |   |     |           |     |     |     |               |     |     |        |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8   | 0.8 | 0.8       | 0.7 | 0.7 | 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) x RCR = 5 |     |           |     |     |     |               |     |     |        |
| k = 0.60                         | 63  | 53  | 47        | 63  | 53  | 46  | 61            | 52  | 46  | 40     |
| 0.80                             | 73  | 63  | 56        | 72  | 62  | 56  | 71            | 62  | 56  | 49     |
| 1.00                             | 81  | 71  | 65        | 80  | 71  | 65  | 78            | 72  | 64  | 58     |
| 1.25                             | 88  | 79  | 72        | 86  | 78  | 72  | 84            | 76  | 71  | 64     |
| 1.50                             | 92  | 84  | 78        | 91  | 83  | 77  | 88            | 81  | 76  | 69     |
| 2.00                             | 98  | 91  | 85        | 96  | 90  | 84  | 93            | 87  | 83  | 75     |
| 2.50                             | 102   | 95  | 89        | 99  | 93  | 89  | 96            | 91  | 87  | 79     |
| 3.00                             | 104   | 98  | 94        | 102 | 97  | 92  | 98            | 94  | 90  | 82     |
| 4.00                             | 108   | 103 | 99        | 105 | 101 | 97  | 101           | 98  | 94  | 86     |
| 5.00                             | 110   | 106 | 102       | 107 | 104 | 100 | 103           | 100 | 97  | 88     |
| ROOM INDEX                       | UF(total)                                     |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |   |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |



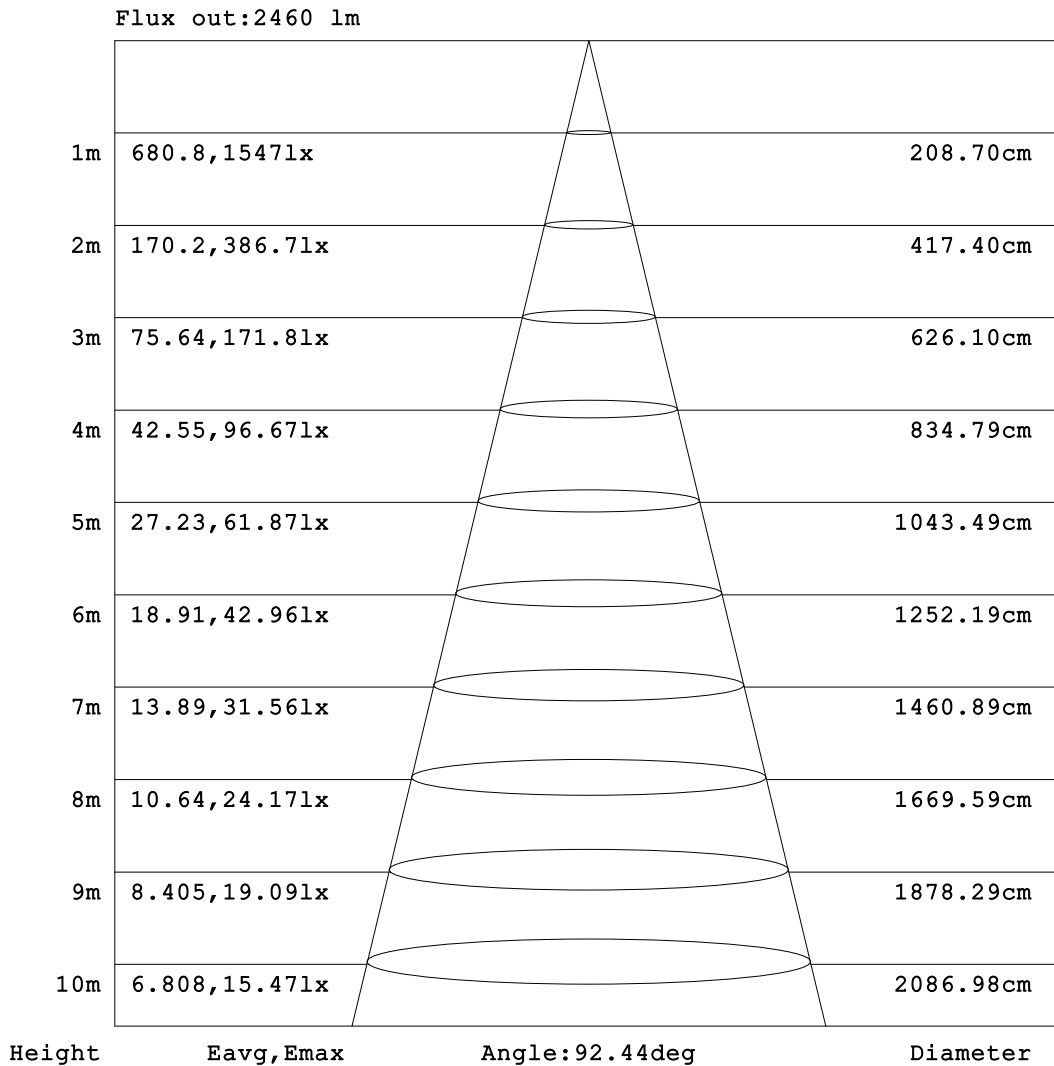
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:



AAI Figure

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |



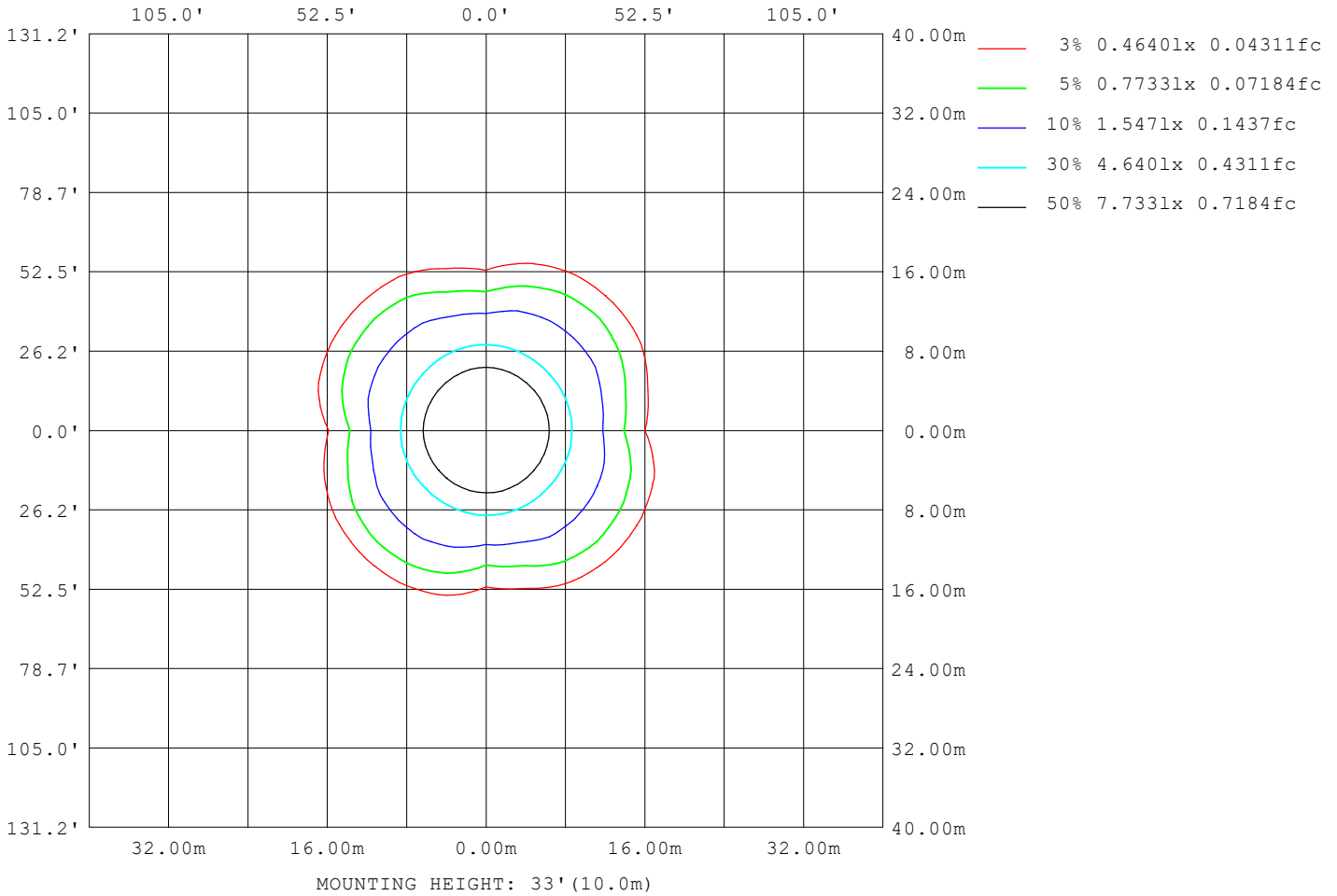
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: CJS  
 Test Date: 2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz |                   |                    |
| Lamp Flux:3600.69x1 lm                                |                   |                    |
| NAME: LED PANNEL                                      | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K                                   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

|   |                   |                    |
|---|-------------------|--------------------|
| Test:U:230.49V I:0.1664A P:37.231W PF:0.9710 Freq:0Hz<br>Lamp Flux:3600.69x1 lm |                   |                    |
| NAME: LED PANNEL  | TYPE:             | WEIGHT:            |
| SPEC.: 230V36W6500K   | DIM.:             | SERIAL No.: S16733 |
| MFR.:   | SUR.: 0.555*0.555 | Shielding Angle:   |

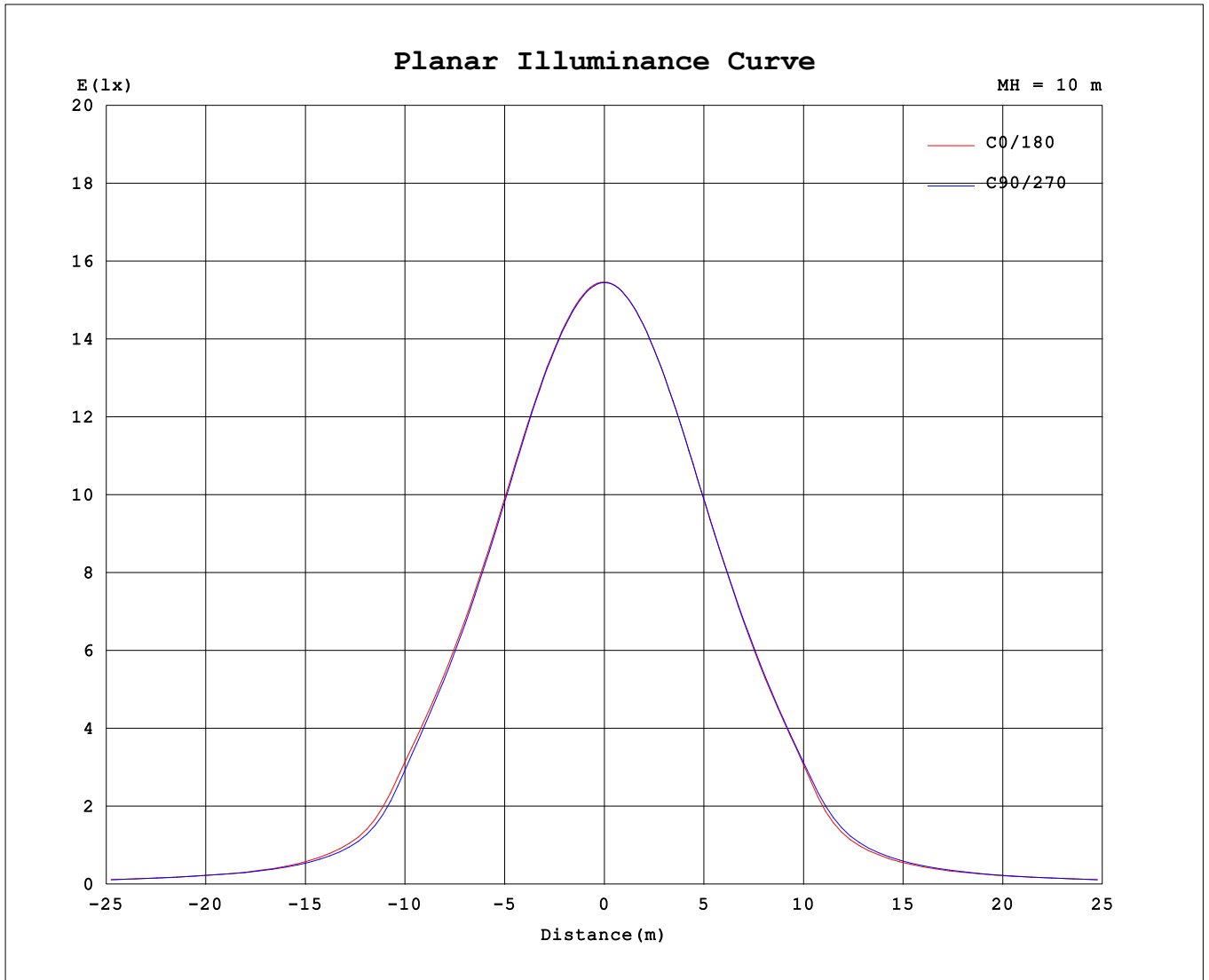
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 1892  |
| L_0~180 (75) av  | 1950  |
| L_0~180 (85) av  | 1826  |
| L_90~270 (65) av | 1921  |
| L_90~270 (75) av | 1838  |
| L_90~270 (85) av | 1772  |
| L_45 (65) av     | 2105  |
| L_45 (75) av     | 2123  |
| L_45 (85) av     | 1991  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:CJS  
 Test Date:2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: CJS  
Test Date: 2023-12-05

Range: 0 - 180DEG  
 Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 26.000m [K=1.0000]  
Remarks: