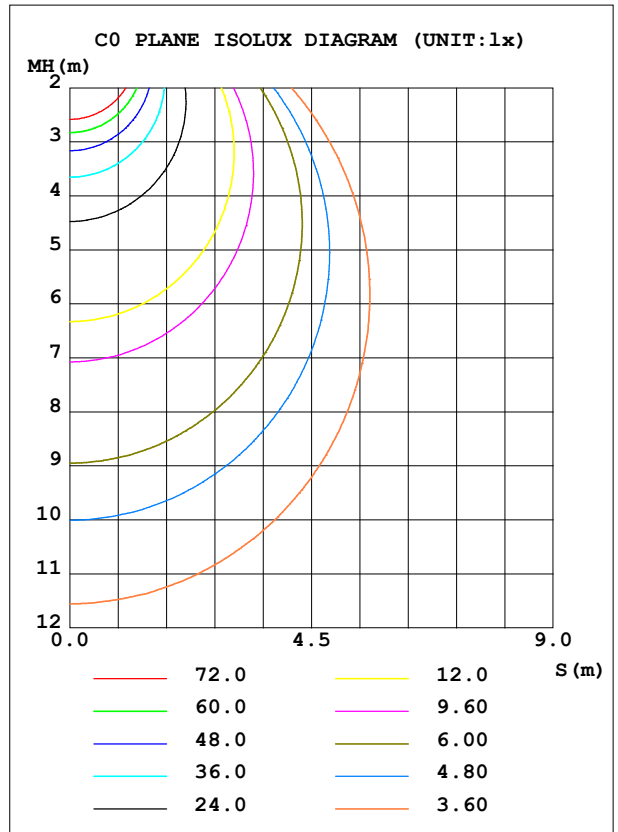
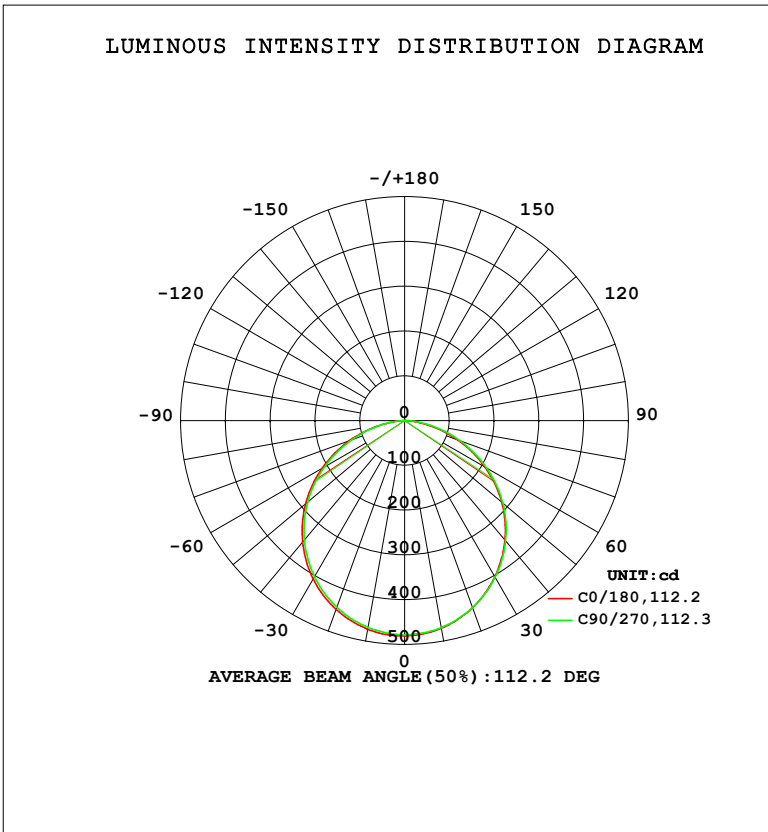


**LUMINAIRE PHOTOMETRIC TEST REPORT**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz |       |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.4lx1 lm    |       |                  |
| NAME: RGL-FR-5CCT-6-WH                                    | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |

| DATA OF LAMP      |                  | PHOTOMETRIC DATA |        |                          |           |
|-------------------|------------------|------------------|--------|--------------------------|-----------|
| MODEL             | RGL-FR-5CCT-6-WH | Imax (cd)        | 480.9  | S/MH (C0/180)            | 1.26      |
| NOMINAL POWER (W) | 15               | LOR (%)          | 100.0  | S/MH (C90/270)           | 1.25      |
| RATED VOLTAGE (V) | 120              | TOTAL FLUX (lm)  | 1355.4 | $\eta$ UP, DN (C0-180)   | 0.0, 50.3 |
| NOMINAL FLUX (lm) | 1355.41          | CIE CLASS        | DIRECT | $\eta$ UP, DN (C180-360) | 0.0, 49.7 |
| LAMPS INSIDE      | 1                | $\eta$ up (%)    | 0.0    | CIBSE SHR NOM            | 1.25      |
| TEST VOLTAGE (V)  | 120              | $\eta$ down (%)  | 100.0  | CIBSE SHR MAX            | 1.35      |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.3 °C  
 Operators:  
 Test Date: 2024-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

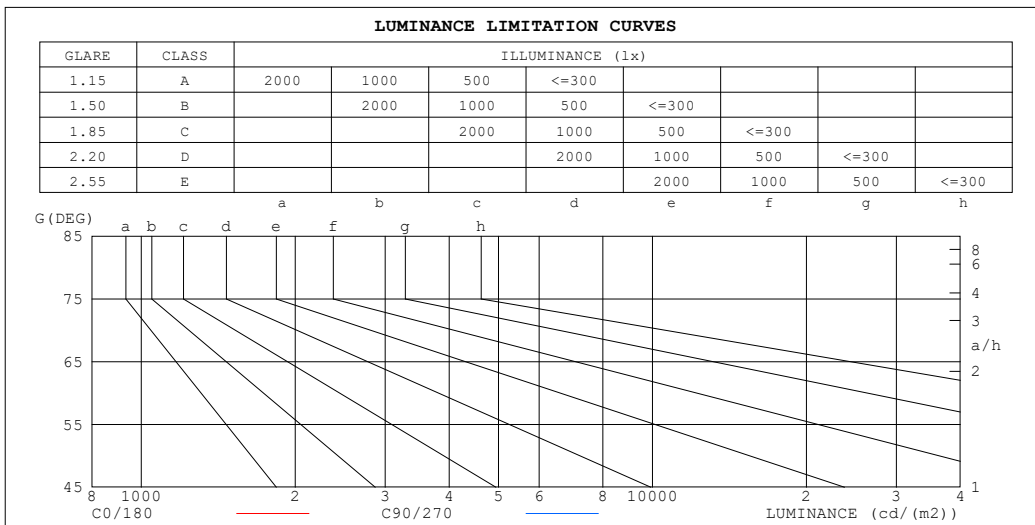
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10       | 471.0                 | 470.0  | 469.4  | 469.1  | 473.8  | 471.7  | 469.0  | 467.7  | 0- 10    | 45.31       | 45.31        | 3.34,3.34 |
| 20       | 444.5                 | 444.6  | 444.5  | 444.7  | 448.8  | 446.3  | 443.5  | 441.6  | 10- 20   | 129.7       | 175.0        | 12.9,12.9 |
| 30       | 403.0                 | 403.6  | 404.1  | 404.5  | 408.4  | 405.6  | 402.6  | 400.6  | 20- 30   | 196.5       | 371.5        | 27.4,27.4 |
| 40       | 348.6                 | 350.2  | 351.1  | 351.4  | 354.5  | 351.2  | 348.4  | 346.3  | 30- 40   | 236.9       | 608.4        | 44.9,44.9 |
| 50       | 283.0                 | 285.4  | 286.6  | 286.3  | 288.5  | 285.5  | 282.4  | 280.6  | 40- 50   | 246.0       | 854.4        | 63,63     |
| 60       | 207.0                 | 209.9  | 211.5  | 211.1  | 212.6  | 209.3  | 206.2  | 205.1  | 50- 60   | 221.5       | 1076         | 79.4,79.4 |
| 70       | 125.9                 | 129.6  | 131.4  | 130.9  | 130.9  | 128.0  | 125.0  | 124.2  | 60- 70   | 167.0       | 1243         | 91.7,91.7 |
| 80       | 44.88                 | 50.49  | 54.85  | 52.67  | 48.81  | 48.13  | 48.32  | 45.52  | 70- 80   | 92.92       | 1336         | 98.6,98.6 |
| 90       | 0.5322                | 0.5553 | 0.9233 | 0.5504 | 0.3462 | 0.3610 | 0.3963 | 0.3569 | 80- 90   | 19.54       | 1355         | 100,100   |
| 100      |                       |        |        |        |        |        |        |        | 90-100   |             |              |           |
| 110      |                       |        |        |        |        |        |        |        | 100-110  |             |              |           |
| 120      |                       |        |        |        |        |        |        |        | 110-120  |             |              |           |
| 130      |                       |        |        |        |        |        |        |        | 120-130  |             |              |           |
| 140      |                       |        |        |        |        |        |        |        | 130-140  |             |              |           |
| 150      |                       |        |        |        |        |        |        |        | 140-150  |             |              |           |
| 160      |                       |        |        |        |        |        |        |        | 150-160  |             |              |           |
| 170      |                       |        |        |        |        |        |        |        | 160-170  |             |              |           |
| 180      |                       |        |        |        |        |        |        |        | 170-180  |             |              |           |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |           |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm |       |                  |
| NAME: RGL-FR-5CCT-6-WH  | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |         |         |
|-------------------|---------|---------|
| G (DEG)           | C0/180  | C90/270 |
| 85                | 345597  | 803764  |
| 80                | 823159  | 1005930 |
| 75                | 1038225 | 1133475 |
| 70                | 1172227 | 1223075 |
| 65                | 1257555 | 1292765 |
| 60                | 1318587 | 1346909 |
| 55                | 1366076 | 1388627 |
| 50                | 1402259 | 1420035 |
| 45                | 1428805 | 1442638 |

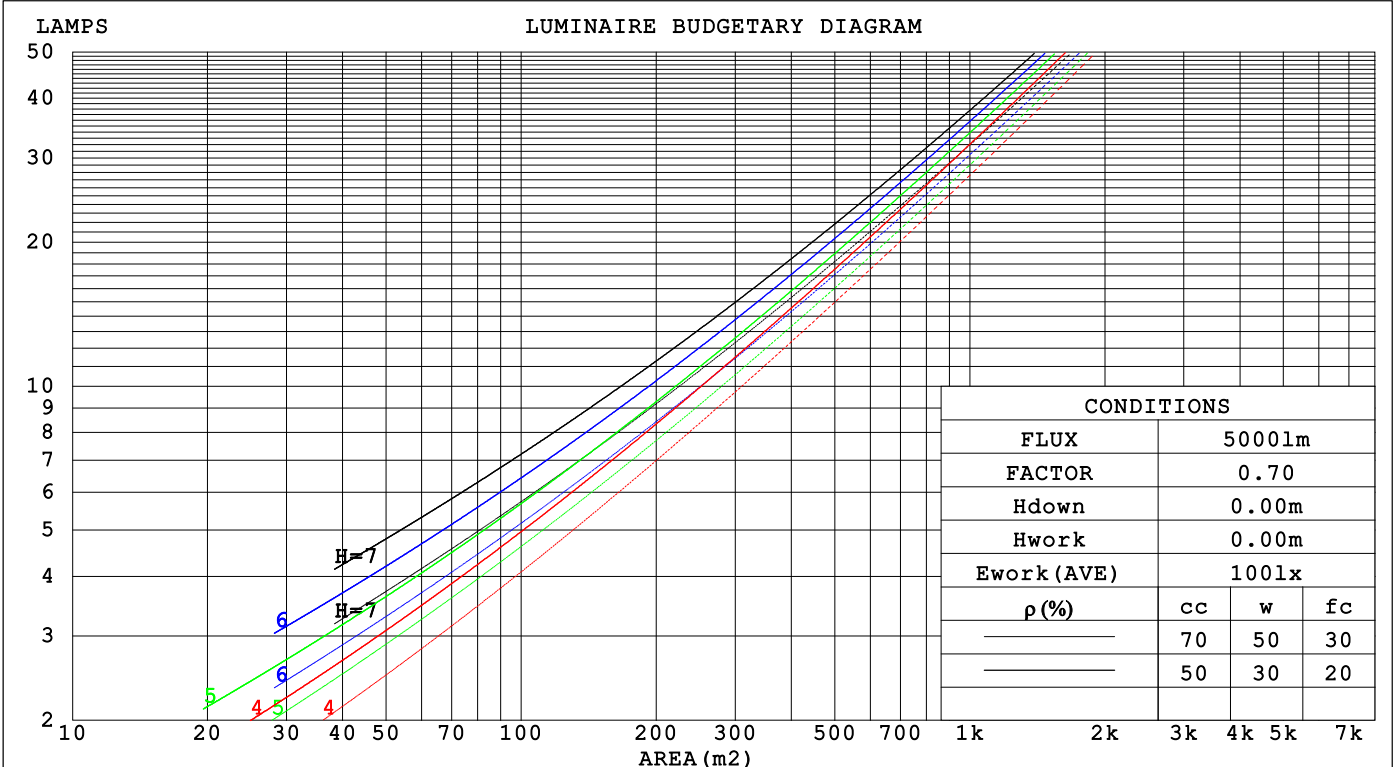
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.3°C  
 Operators:  
 Test Date: 2024-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz |       |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm    |       |                  |
| NAME: RGL-FR-5CCT-6-WH                                    | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |

| pcc  | 80%   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0    |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 50%   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| pw   | 0   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| pfc  | 0   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| RCR  | RCR:Room Cavity Ratio Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0.0  | 1.19  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0  | 1.04  | .00  | .96  | 1.02 | .98  | .95  | .98  | .94  | .92  | .94  | .91  | .89  | .90  | .88  | .86  | .84  |
| 2.0  | .91   | .84  | .78  | .89  | .83  | .77  | .85  | .80  | .75  | .82  | .78  | .74  | .79  | .75  | .72  | .70  |
| 3.0  | .80   | .71  | .65  | .78  | .70  | .64  | .75  | .69  | .63  | .72  | .67  | .62  | .70  | .65  | .61  | .59  |
| 4.0  | .71   | .62  | .55  | .69  | .61  | .55  | .67  | .59  | .54  | .64  | .58  | .53  | .62  | .57  | .52  | .50  |
| 5.0  | .63   | .54  | .47  | .62  | .53  | .47  | .60  | .52  | .46  | .58  | .51  | .46  | .56  | .50  | .45  | .43  |
| 6.0  | .57   | .48  | .41  | .56  | .47  | .41  | .54  | .46  | .41  | .52  | .45  | .40  | .51  | .45  | .40  | .38  |
| 7.0  | .51   | .43  | .36  | .51  | .42  | .36  | .49  | .41  | .36  | .48  | .41  | .36  | .46  | .40  | .35  | .33  |
| 8.0  | .47   | .38  | .32  | .46  | .38  | .32  | .45  | .37  | .32  | .44  | .37  | .32  | .42  | .36  | .32  | .30  |
| 9.0  | .43   | .35  | .29  | .42  | .34  | .29  | .41  | .34  | .29  | .40  | .34  | .29  | .39  | .33  | .29  | .27  |
| 10.0 | .40   | .32  | .26  | .39  | .32  | .26  | .38  | .31  | .26  | .37  | .31  | .26  | .36  | .30  | .26  | .24  |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz |       |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm    |       |                  |
| NAME: RGL-FR-5CCT-6-WH                                    | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | 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         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0         |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0         | .305                  | .173 | .055 | .298 | .170 | .054 | .284                            | .163 | .052 | .272 | .157 | .050 | .261 | .151 | .049 |   |
| 2.0         | .289                  | .158 | .049 | .283 | .156 | .048 | .271                            | .151 | .047 | .260 | .146 | .046 | .250 | .142 | .045 |   |
| 3.0         | .268                  | .143 | .043 | .263 | .141 | .042 | .252                            | .137 | .042 | .243 | .133 | .041 | .234 | .130 | .040 |   |
| 4.0         | .248                  | .129 | .038 | .243 | .127 | .038 | .234                            | .124 | .037 | .225 | .121 | .037 | .218 | .118 | .036 |   |
| 5.0         | .230                  | .117 | .034 | .225 | .116 | .034 | .217                            | .113 | .033 | .210 | .111 | .033 | .202 | .108 | .033 |   |
| 6.0         | .213                  | .107 | .031 | .209 | .106 | .030 | .202                            | .104 | .030 | .195 | .101 | .030 | .189 | .099 | .030 |   |
| 7.0         | .198                  | .098 | .028 | .195 | .097 | .028 | .188                            | .095 | .027 | .182 | .094 | .027 | .177 | .092 | .027 |   |
| 8.0         | .185                  | .091 | .025 | .182 | .090 | .025 | .177                            | .088 | .025 | .171 | .087 | .025 | .166 | .085 | .025 |   |
| 9.0         | .174                  | .084 | .023 | .171 | .083 | .023 | .166                            | .082 | .023 | .161 | .081 | .023 | .156 | .079 | .023 |   |
| 10.0        | .163                  | .078 | .022 | .161 | .078 | .022 | .156                            | .077 | .022 | .152 | .075 | .021 | .148 | .074 | .021 |   |

| $\rho_{CC}$ | 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 |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0         |                       |      |      |      |      |      |  |      |      |      |      |      |      |      |      |   |
| 1.0         | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 2.0         | .172                  | .132 | .098 | .147 | .114 | .085 | .101                                       | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0         | .164                  | .114 | .075 | .141 | .099 | .065 | .097                                       | .068 | .045 | .056 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0         | .157                  | .101 | .058 | .134 | .087 | .051 | .092                                       | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0         | .149                  | .091 | .047 | .128 | .078 | .041 | .088                                       | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 |   |
| 6.0         | .142                  | .082 | .039 | .122 | .071 | .034 | .084                                       | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 |   |
| 7.0         | .135                  | .075 | .033 | .116 | .065 | .029 | .080                                       | .046 | .021 | .047 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0         | .129                  | .069 | .029 | .111 | .060 | .025 | .077                                       | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .004 |   |
| 9.0         | .123                  | .065 | .025 | .106 | .056 | .022 | .073                                       | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0        | .117                  | .060 | .022 | .101 | .052 | .020 | .070                                       | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

|   |                  |      |      |      |       |                |      |                  |      |      |
|---|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm |                  |      |      |      |       |                |      |                  |      |      |
| NAME: RGL-FR-5CCT-6-WH  |                  |      |      |      | TYPE: |                |      | WEIGHT:          |      |      |
| SPEC.: 2700K  |                  |      |      |      | DIM.: |                |      | SERIAL No.:      |      |      |
| MFR.: MAGIC LITE  |                  |      |      |      | 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   | 38.0             | 39.5 | 38.3 | 39.7 | 39.9  | 38.1           | 39.6 | 38.3             | 39.8 | 40.0 |
| 3H  | 39.5             | 40.9 | 39.8 | 41.1 | 41.3  | 39.6           | 41.0 | 39.9             | 41.2 | 41.5 |
| 4H  | 40.0             | 41.3 | 40.3 | 41.6 | 41.8  | 40.2           | 41.5 | 40.5             | 41.8 | 42.0 |
| 6H  | 40.3             | 41.6 | 40.7 | 41.9 | 42.1  | 40.6           | 41.9 | 40.9             | 42.1 | 42.4 |
| 8H  | 40.4             | 41.6 | 40.7 | 41.9 | 42.2  | 40.7           | 42.0 | 41.1             | 42.2 | 42.5 |
| 12H   | 40.4             | 41.5 | 40.7 | 41.8 | 42.1  | 40.8           | 42.0 | 41.2             | 42.3 | 42.6 |
| 4H 2H   | 38.6             | 39.9 | 38.9 | 40.2 | 40.5  | 38.7           | 40.0 | 39.0             | 40.3 | 40.5 |
| 3H  | 40.3             | 41.4 | 40.6 | 41.7 | 42.0  | 40.4           | 41.5 | 40.7             | 41.8 | 42.1 |
| 4H  | 40.9             | 42.0 | 41.3 | 42.3 | 42.6  | 41.1           | 42.2 | 41.5             | 42.5 | 42.8 |
| 6H  | 41.4             | 42.3 | 41.8 | 42.7 | 43.0  | 41.6           | 42.6 | 42.0             | 42.9 | 43.3 |
| 8H  | 41.5             | 42.3 | 41.9 | 42.7 | 43.1  | 41.8           | 42.7 | 42.2             | 43.1 | 43.4 |
| 12H   | 41.5             | 42.3 | 41.9 | 42.7 | 43.1  | 41.9           | 42.7 | 42.3             | 43.1 | 43.5 |
| 8H 4H   | 41.2             | 42.1 | 41.6 | 42.4 | 42.8  | 41.3           | 42.2 | 41.8             | 42.6 | 43.0 |
| 6H  | 41.7             | 42.5 | 42.2 | 42.9 | 43.3  | 42.0           | 42.8 | 42.5             | 43.2 | 43.6 |
| 8H  | 41.9             | 42.5 | 42.4 | 43.0 | 43.4  | 42.3           | 42.9 | 42.7             | 43.3 | 43.8 |
| 12H   | 41.9             | 42.5 | 42.4 | 43.0 | 43.4  | 42.4           | 43.0 | 42.9             | 43.4 | 43.9 |
| 12H 4H  | 41.2             | 42.0 | 41.6 | 42.4 | 42.8  | 41.3           | 42.2 | 41.8             | 42.5 | 42.9 |
| 6H  | 41.8             | 42.4 | 42.2 | 42.9 | 43.3  | 42.1           | 42.7 | 42.5             | 43.1 | 43.6 |
| 8H  | 42.0             | 42.5 | 42.5 | 43.0 | 43.5  | 42.3           | 42.9 | 42.8             | 43.3 | 43.8 |
| 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, 1355 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.1)  
 Area: 0.000314 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm |       |                  |
| NAME: RGL-FR-5CCT-6-WH  | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |

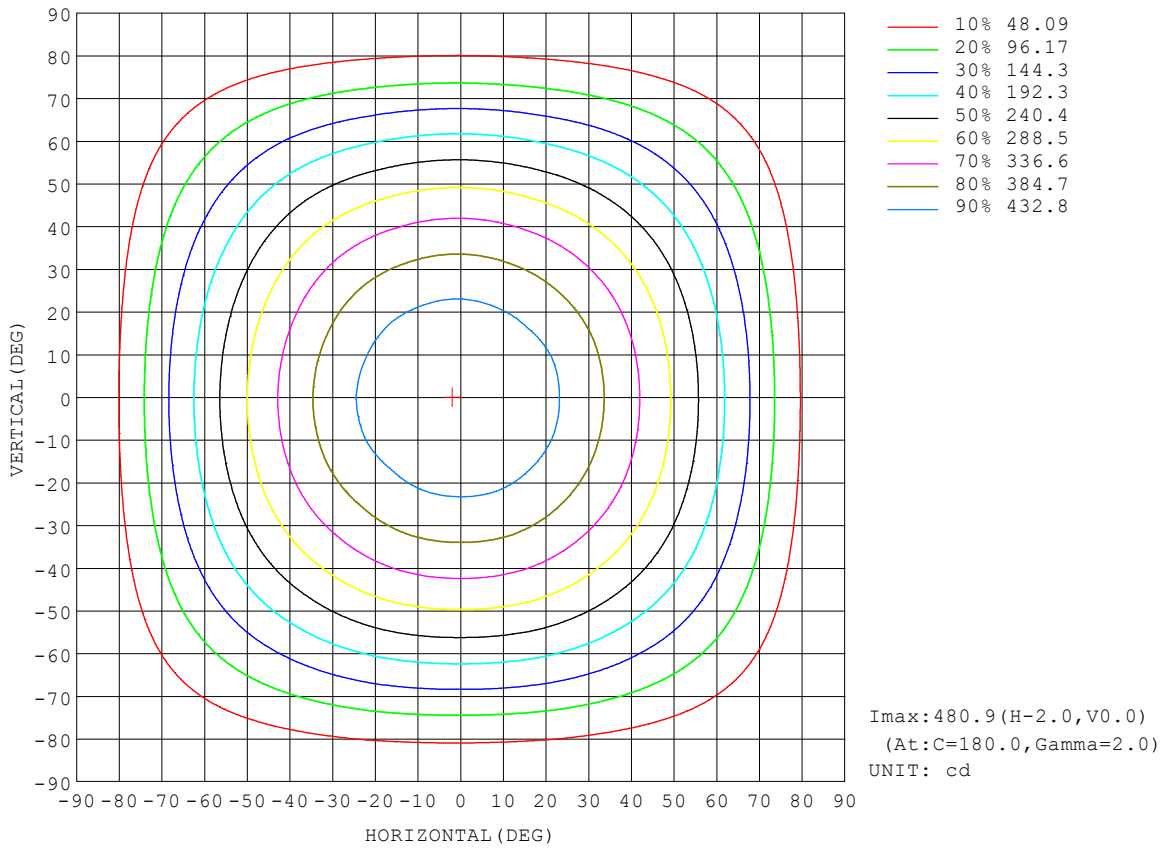
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |               |     |     |        |
| $k = 0.60$                       | 58   | 46  | 39        | 57  | 46  | 39  | 56            | 45  | 39  | 32     |
| 0.80                             | 68   | 56  | 49        | 67  | 56  | 49  | 65            | 55  | 48  | 41     |
| 1.00                             | 76   | 65  | 58        | 75  | 65  | 58  | 73            | 66  | 57  | 50     |
| 1.25                             | 83   | 73  | 66        | 82  | 72  | 65  | 79            | 71  | 65  | 57     |
| 1.50                             | 88   | 78  | 72        | 87  | 78  | 71  | 84            | 76  | 70  | 62     |
| 2.00                             | 95   | 87  | 80        | 93  | 86  | 80  | 90            | 83  | 78  | 70     |
| 2.50                             | 99   | 91  | 85        | 97  | 90  | 85  | 93            | 87  | 83  | 74     |
| 3.00                             | 102  | 96  | 90        | 100 | 94  | 89  | 96            | 91  | 87  | 79     |
| 4.00                             | 106  | 101 | 96        | 104 | 99  | 95  | 100           | 96  | 92  | 83     |
| 5.00                             | 109  | 104 | 100       | 106 | 102 | 99  | 102           | 99  | 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:24.3°C  
 Operators:  
 Test Date:2024-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm |       |                  |
| NAME: RGL-FR-5CCT-6-WH  | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |

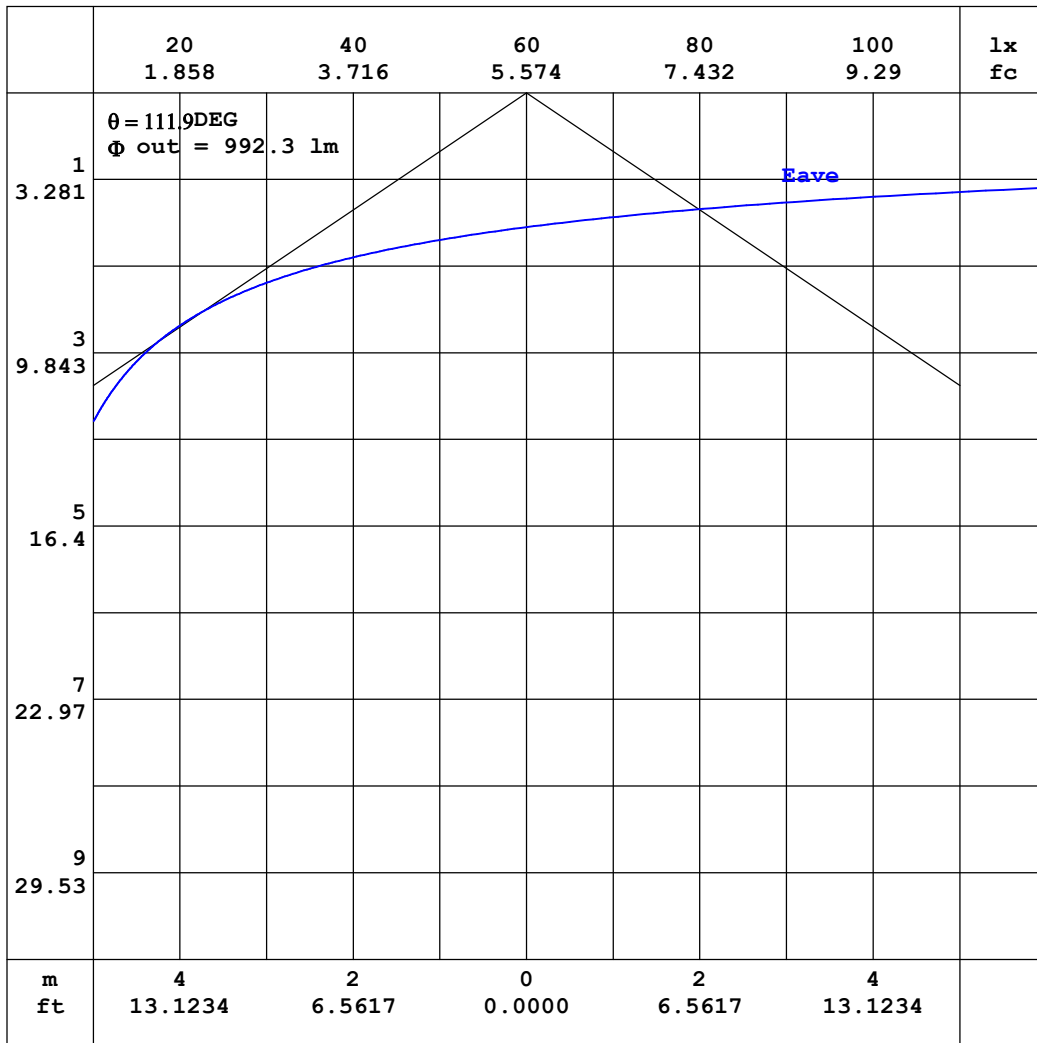


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**AAI CURVES**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz |       |                  |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm    |       |                  |
| NAME: RGL-FR-5CCT-6-WH                                    | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |



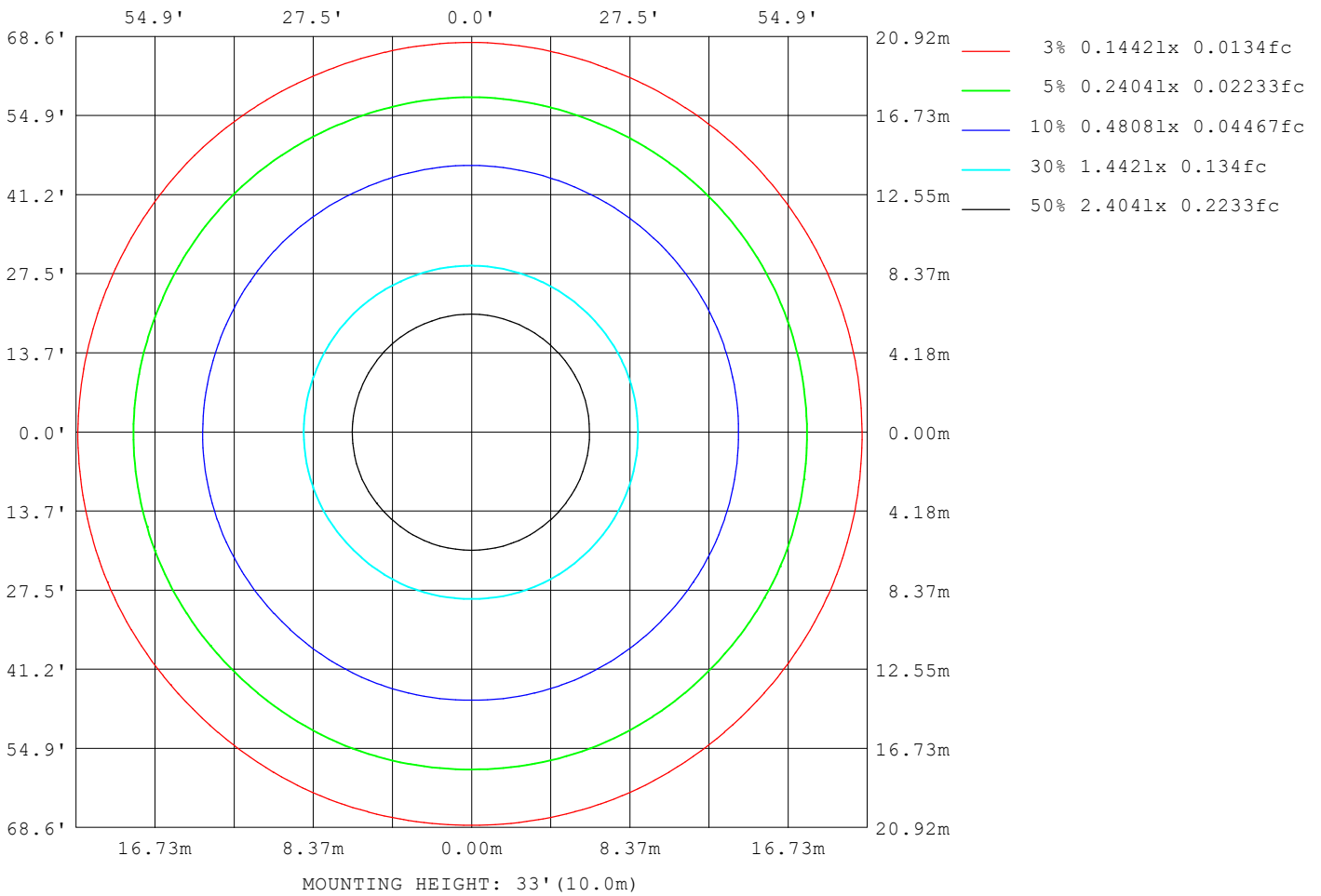
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.3°C  
 Operators:  
 Test Date: 2024-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm |       |                  |
| NAME: RGL-FR-5CCT-6-WH  | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

|   |       |                  |
|---|-------|------------------|
| Test:U:119.78V I:0.1098A P:12.948W PF:0.9848 Freq:59.98Hz<br>UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1355.41x1 lm |       |                  |
| NAME: RGL-FR-5CCT-6-WH  | TYPE: | WEIGHT:          |
| SPEC.: 2700K  | DIM.: | SERIAL No.:      |
| MFR.: MAGIC LITE  | SUR.: | Shielding Angle: |

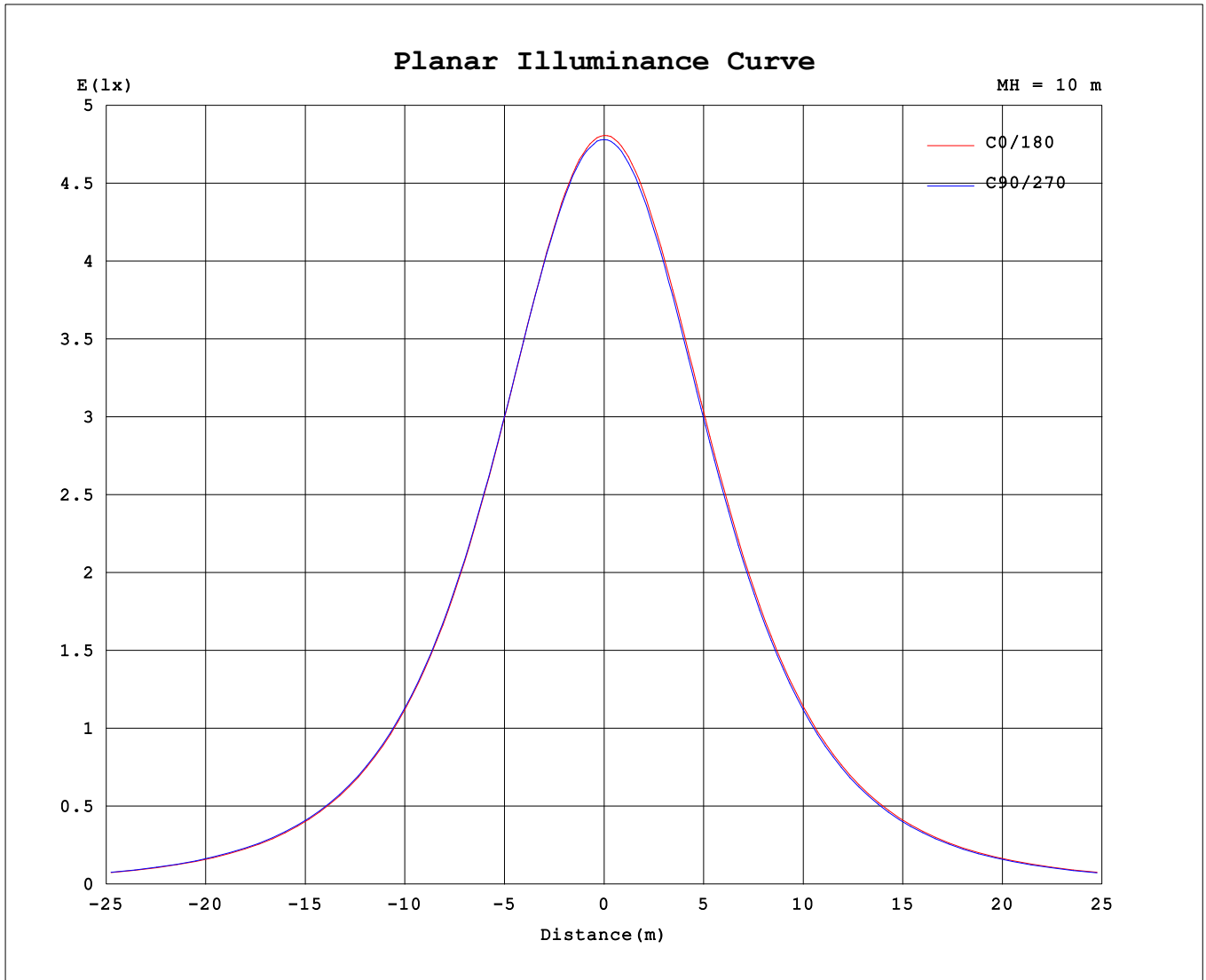
| AvgL             | cd/m2   |
|------------------|---------|
| L_0~180 (65) av  | 1276712 |
| L_0~180 (75) av  | 1066374 |
| L_0~180 (85) av  | 377741  |
| L_90~270 (65) av | 1270745 |
| L_90~270 (75) av | 1090337 |
| L_90~270 (85) av | 696157  |
| L_45 (65) av     | 1271135 |
| L_45 (75) av     | 1082658 |
| L_45 (85) av     | 526360  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3℃  
 Operators:  
 Test Date:2024-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 24.3 °C  
Operators:  
Test Date: 2024-12-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
Humidity: 65.0%  
Test Distance: 3.087m [K=1.0000]  
Remarks:

