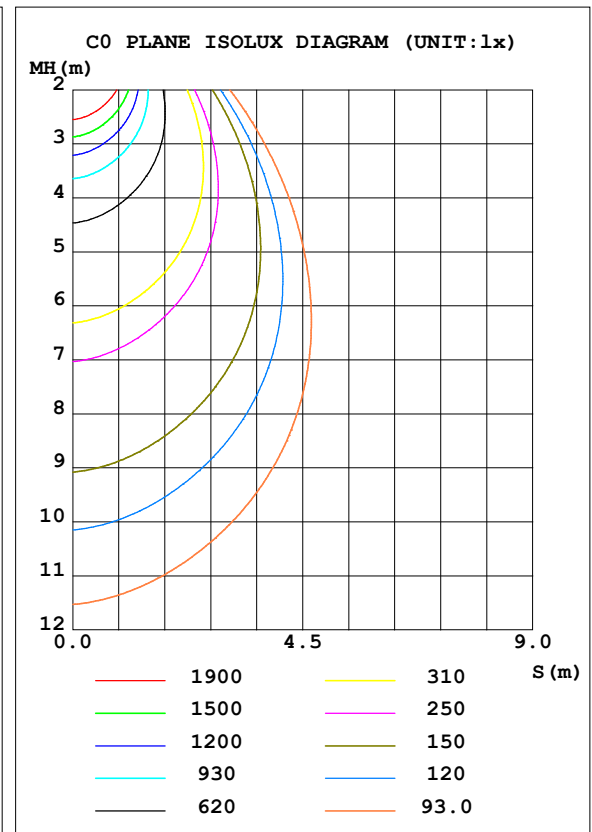
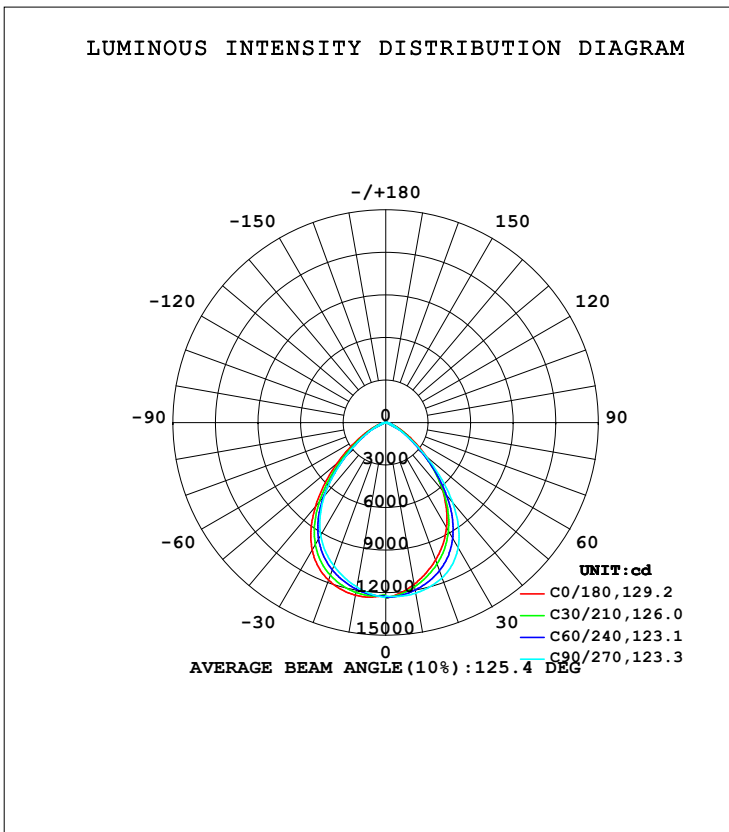




LUMINAIRE PHOTOMETRIC TEST REPORT

|           |  |  |
|-----------|--|--|
| NAME:     |  |  |
| MFR.: CLF |  |  |
|           |  |  |

| DATA OF LAMP     |                  | PHOTOMETRIC DATA Eff: 36.20 lm/W |        |                    |          |
|------------------|------------------|----------------------------------|--------|--------------------|----------|
| MODEL            | SEAR + 80 filter | I <sub>max</sub> (cd)            | 12454  | S/MH(C0/180)       | 1.25     |
| NOMINAL POWER(W) |                  | LOR(%)                           | 100.0  | S/MH(C90/270)      | 1.13     |
| RATED VOLTAGE(V) | 220.0            | TOTAL FLUX(lm)                   | 22530  | η UP, DN(C0-180)   | 0.0,50.4 |
| NOMINAL FLUX(lm) | 563.252          | CIE CLASS                        | DIRECT | η UP, DN(C180-360) | 0.0,49.6 |
| LAMPS INSIDE     | 40               | η up(%)                          | 0.0    | CIBSE SHR NOM      | 1.25     |
| TEST VOLTAGE(V)  | 220.0            | η down(%)                        | 100.0  | CIBSE SHR MAX      | 1.25     |



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Danny  
 Test Date:2023-12-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity:65.0%  
 Test Distance:9.400m [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       | 1158                     | 1187   | 1221   | 1242   | 1236   | 1205   | 1178   | 1159   | 0- 10    | 1158        | 1158         | 5.14,5.14  |
| 20       | 1031                     | 1086   | 1165   | 1203   | 1181   | 1125   | 1074   | 1034   | 10- 20   | 3274        | 4432         | 19.7,19.7  |
| 30       | 858.1                    | 914.6  | 1020   | 1071   | 1038   | 970.8  | 918.3  | 869.8  | 20- 30   | 4802        | 9234         | 41,41      |
| 40       | 626.5                    | 649.5  | 734.6  | 797.4  | 771.4  | 706.4  | 671.9  | 644.7  | 30- 40   | 5225        | 14459        | 64.2,64.2  |
| 50       | 376.0                    | 350.3  | 370.0  | 444.8  | 448.6  | 385.7  | 369.3  | 382.7  | 40- 50   | 4178        | 18637        | 82.7,82.7  |
| 60       | 178.2                    | 146.9  | 137.9  | 185.1  | 202.9  | 160.3  | 151.9  | 176.7  | 50- 60   | 2384        | 21021        | 93.3,93.3  |
| 70       | 66.48                    | 56.45  | 53.44  | 68.30  | 75.56  | 61.02  | 57.03  | 66.61  | 60- 70   | 1064        | 22085        | 98,98      |
| 80       | 15.66                    | 14.47  | 16.45  | 18.01  | 20.00  | 16.26  | 15.93  | 15.23  | 70- 80   | 387.8       | 22473        | 99.7,99.7  |
| 90       | 0.2063                   | 0.1969 | 0.1920 | 0.2046 | 0.1997 | 0.1838 | 0.1799 | 0.1986 | 80- 90   | 57.19       | 22530        | 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:×10cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

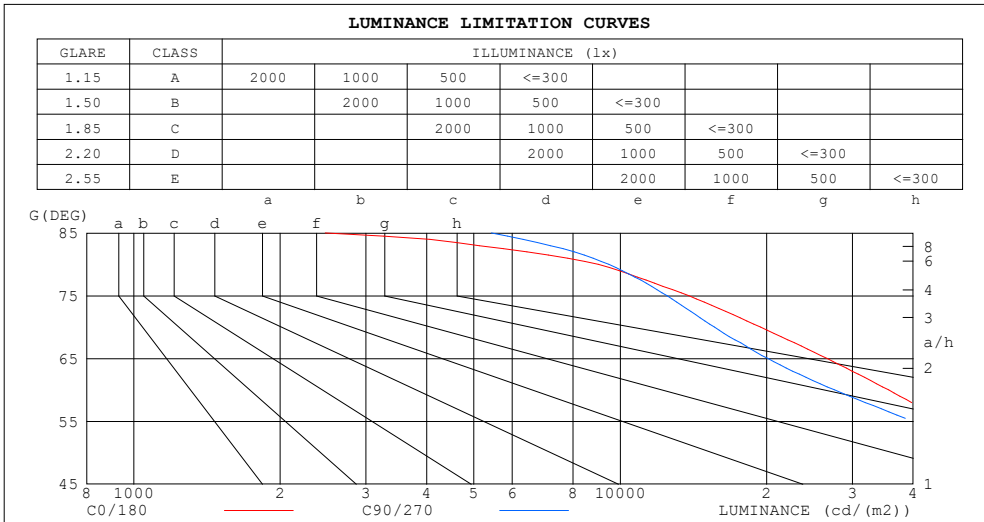
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators: Danny  
 Test Date:2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity:65.0%  
 Test Distance:9.400m [K=1.0000]  
 Remarks:



LUMINANCE LIMITATION CURVES

|            |  |  |
|------------|--|--|
| NAME :     |  |  |
| MFR. : CLF |  |  |
|            |  |  |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 2475   | 5437    |
| 80                | 9019   | 9471    |
| 75                | 13834  | 12477   |
| 70                | 19439  | 15625   |
| 65                | 26644  | 20119   |
| 60                | 35633  | 27588   |
| 55                | 46458  | 40036   |
| 50                | 58501  | 57563   |
| 45                | 70623  | 77512   |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Danny  
 Test Date: 2023-12-08

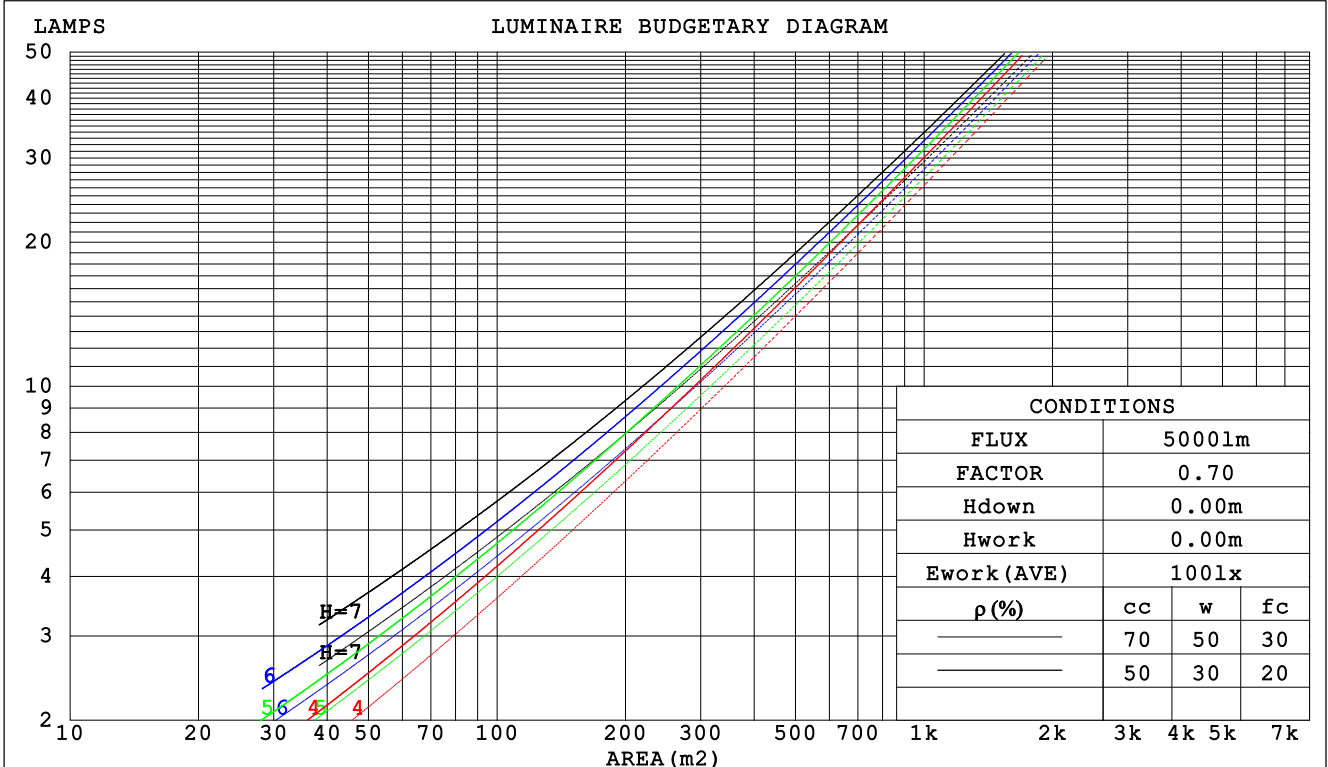
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity: 65.0%  
 Test Distance: 9.400m [K=1.0000]  
 Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|           |  |  |
|-----------|--|--|
| NAME:     |  |  |
| MFR.: CLF |  |  |
|           |  |  |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0   |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |     |
| 0.0         | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11                            | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0         | 1.08                  | 1.05 | 1.02 | 1.06 | 1.03 | .00  | 1.01                            | .99  | .97  | .98  | .96  | .94  | .94  | .93  | .91  | .89 |
| 2.0         | .97                   | .92  | .87  | .95  | .90  | .86  | .92                             | .88  | .84  | .89  | .85  | .82  | .86  | .83  | .81  | .79 |
| 3.0         | .88                   | .81  | .76  | .86  | .80  | .75  | .83                             | .78  | .74  | .81  | .76  | .73  | .78  | .75  | .71  | .69 |
| 4.0         | .79                   | .72  | .66  | .78  | .71  | .66  | .76                             | .70  | .65  | .74  | .68  | .64  | .71  | .67  | .64  | .62 |
| 5.0         | .72                   | .64  | .59  | .71  | .64  | .59  | .69                             | .63  | .58  | .67  | .62  | .57  | .66  | .61  | .57  | .55 |
| 6.0         | .66                   | .58  | .53  | .65  | .58  | .52  | .63                             | .57  | .52  | .62  | .56  | .52  | .60  | .55  | .51  | .49 |
| 7.0         | .60                   | .53  | .47  | .60  | .52  | .47  | .58                             | .52  | .47  | .57  | .51  | .47  | .56  | .50  | .46  | .45 |
| 8.0         | .56                   | .48  | .43  | .55  | .48  | .43  | .54                             | .47  | .43  | .53  | .47  | .42  | .52  | .46  | .42  | .40 |
| 9.0         | .52                   | .44  | .39  | .51  | .44  | .39  | .50                             | .43  | .39  | .49  | .43  | .39  | .48  | .43  | .39  | .37 |
| 10.0        | .48                   | .41  | .36  | .47  | .40  | .36  | .46                             | .40  | .36  | .46  | .40  | .36  | .45  | .39  | .35  | .34 |



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators: Danny  
 Test Date:2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity:65.0%  
 Test Distance:9.400m [K=1.0000]  
 Remarks:



WEC AND CCEC

|           |  |  |
|-----------|--|--|
| NAME:     |  |  |
| MFR.: CLF |  |  |
|           |  |  |

| $\rho_{cc}$ | 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         | .235                  | .133 | .042 | .228 | .130 | .041 | .215                             | .123 | .039 | .203 | .117 | .038 | .192 | .111 | .036 |   |
| 2.0         | .228                  | .125 | .038 | .222 | .122 | .038 | .211                             | .117 | .036 | .201 | .113 | .035 | .191 | .108 | .034 |   |
| 3.0         | .217                  | .116 | .035 | .212 | .114 | .034 | .203                             | .110 | .033 | .194 | .106 | .033 | .185 | .103 | .032 |   |
| 4.0         | .206                  | .107 | .031 | .201 | .105 | .031 | .193                             | .102 | .031 | .185 | .099 | .030 | .177 | .096 | .029 |   |
| 5.0         | .194                  | .099 | .029 | .190 | .098 | .028 | .183                             | .095 | .028 | .176 | .093 | .028 | .169 | .090 | .027 |   |
| 6.0         | .183                  | .092 | .026 | .180 | .091 | .026 | .173                             | .089 | .026 | .167 | .087 | .025 | .161 | .085 | .025 |   |
| 7.0         | .173                  | .086 | .024 | .170 | .085 | .024 | .164                             | .083 | .024 | .158 | .081 | .024 | .153 | .080 | .023 |   |
| 8.0         | .164                  | .080 | .023 | .161 | .079 | .022 | .156                             | .078 | .022 | .151 | .076 | .022 | .146 | .075 | .022 |   |
| 9.0         | .155                  | .075 | .021 | .153 | .074 | .021 | .148                             | .073 | .021 | .143 | .072 | .021 | .139 | .071 | .020 |   |
| 10.0        | .147                  | .071 | .020 | .145 | .070 | .020 | .141                             | .069 | .019 | .137 | .068 | .019 | .133 | .067 | .019 |   |

| $\rho_{cc}$ | 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         | .190                  | .190 | .190 | .163 | .163 | .163 | .111  | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0         | .175                  | .157 | .140 | .150 | .135 | .121 | .102  | .093 | .084 | .059 | .054 | .049 | .019 | .017 | .016 |   |
| 2.0         | .164                  | .132 | .106 | .140 | .114 | .091 | .096  | .079 | .064 | .055 | .046 | .037 | .018 | .015 | .012 |   |
| 3.0         | .154                  | .114 | .082 | .132 | .098 | .071 | .091  | .068 | .050 | .052 | .040 | .029 | .017 | .013 | .010 |   |
| 4.0         | .146                  | .100 | .065 | .125 | .086 | .056 | .086  | .060 | .040 | .050 | .035 | .023 | .016 | .011 | .008 |   |
| 5.0         | .139                  | .089 | .053 | .119 | .077 | .046 | .082  | .054 | .032 | .048 | .032 | .019 | .015 | .010 | .006 |   |
| 6.0         | .132                  | .080 | .044 | .113 | .070 | .038 | .078  | .049 | .027 | .045 | .029 | .016 | .015 | .009 | .005 |   |
| 7.0         | .126                  | .073 | .037 | .108 | .064 | .032 | .075  | .045 | .023 | .043 | .026 | .013 | .014 | .009 | .004 |   |
| 8.0         | .120                  | .068 | .031 | .103 | .059 | .027 | .071  | .041 | .019 | .042 | .024 | .012 | .013 | .008 | .004 |   |
| 9.0         | .115                  | .063 | .027 | .099 | .054 | .024 | .068  | .038 | .017 | .040 | .023 | .010 | .013 | .007 | .003 |   |
| 10.0        | .110                  | .058 | .024 | .094 | .051 | .021 | .066  | .036 | .015 | .038 | .021 | .009 | .012 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Danny  
 Test Date:2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity:65.0%  
 Test Distance:9.400m [K=1.0000]  
 Remarks:



**UGR(Unified Glare Rating) Table**

|  |        |                  |      |      |      |      |                |      |      |      |      |
|--|--------|------------------|------|------|------|------|----------------|------|------|------|------|
| NAME:  |        |                  |      |      |      |      |                |      |      |      |      |
| MFR.: CLF  |        |                  |      |      |      |      |                |      |      |      |      |
| 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 | 14.2             | 15.4 | 14.4 | 15.6 | 15.8 | 14.0           | 15.3 | 14.3 | 15.5 | 15.7 |
|  | 3H     | 14.5             | 15.6 | 14.7 | 15.9 | 16.1 | 14.2           | 15.3 | 14.4 | 15.5 | 15.8 |
|  | 4H     | 14.5             | 15.6 | 14.8 | 15.9 | 16.1 | 14.2           | 15.3 | 14.5 | 15.5 | 15.8 |
|  | 6H     | 14.5             | 15.5 | 14.8 | 15.8 | 16.1 | 14.2           | 15.2 | 14.5 | 15.5 | 15.7 |
|  | 8H     | 14.5             | 15.5 | 14.8 | 15.7 | 16.0 | 14.1           | 15.1 | 14.5 | 15.4 | 15.7 |
|  | 12H    | 14.4             | 15.4 | 14.8 | 15.7 | 15.9 | 14.1           | 15.1 | 14.5 | 15.3 | 15.6 |
| 4H   | 2H     | 14.2             | 15.3 | 14.5 | 15.5 | 15.8 | 14.0           | 15.2 | 14.3 | 15.4 | 15.6 |
|  | 3H     | 14.6             | 15.6 | 14.9 | 15.8 | 16.1 | 14.3           | 15.3 | 14.6 | 15.5 | 15.8 |
|  | 4H     | 14.7             | 15.6 | 15.1 | 15.9 | 16.2 | 14.4           | 15.2 | 14.7 | 15.6 | 15.9 |
|  | 6H     | 14.7             | 15.5 | 15.1 | 15.8 | 16.2 | 14.4           | 15.2 | 14.8 | 15.5 | 15.9 |
|  | 8H     | 14.7             | 15.4 | 15.1 | 15.8 | 16.1 | 14.4           | 15.1 | 14.8 | 15.5 | 15.8 |
|  | 12H    | 14.7             | 15.3 | 15.1 | 15.7 | 16.1 | 14.4           | 15.0 | 14.8 | 15.4 | 15.8 |
| 8H   | 4H     | 14.6             | 15.3 | 15.0 | 15.7 | 16.1 | 14.3           | 15.0 | 14.7 | 15.4 | 15.8 |
|  | 6H     | 14.7             | 15.3 | 15.1 | 15.7 | 16.1 | 14.4           | 15.0 | 14.8 | 15.4 | 15.8 |
|  | 8H     | 14.7             | 15.2 | 15.1 | 15.6 | 16.1 | 14.4           | 14.9 | 14.9 | 15.3 | 15.8 |
|  | 12H    | 14.7             | 15.1 | 15.1 | 15.5 | 16.0 | 14.4           | 14.8 | 14.9 | 15.3 | 15.8 |
| 12H  | 4H     | 14.6             | 15.2 | 15.0 | 15.6 | 16.0 | 14.3           | 14.9 | 14.7 | 15.3 | 15.7 |
|  | 6H     | 14.7             | 15.2 | 15.1 | 15.6 | 16.0 | 14.4           | 14.9 | 14.8 | 15.3 | 15.8 |
|  | 8H     | 14.7             | 15.1 | 15.1 | 15.5 | 16.0 | 14.4           | 14.8 | 14.9 | 15.3 | 15.7 |
| Variations with the observer position at spacings: |        |                  |      |      |      |      |                |      |      |      |      |
| S = 1.0H   |        | + 0.9 / - 1.1    |      |      |      |      | + 1.1 / - 1.7  |      |      |      |      |
| 1.5H   |        | + 0.6 / - 0.8    |      |      |      |      | + 1.1 / - 1.4  |      |      |      |      |
| 2.0H   |        | + 2.0 / - 2.2    |      |      |      |      | + 2.8 / - 2.6  |      |      |      |      |

CIE Pub.117, 22530 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.8)  
 Area: 0.1 m2

|                      |  |
|----------------------|--|
| C Range: 0 - 360DEG  | γ Range: 0 - 90DEG                             |
| C Interval: 30.0DEG  | γ Interval: 0.5DEG                             |
| Test Speed: HIGH     | Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13 |
| Temperature:25.3DEG  | Humidity:65.0%                                 |
| Operators:Danny      | Test Distance:9.400m [K=1.0000]                |
| Test Date:2023-12-08 | Remarks:                                       |



## UTILIZATION FACTORS TABLE

|           |  |  |
|-----------|--|--|
| NAME:     |  |  |
| MFR.: CLF |  |  |
|           |  |  |

| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |               |     |     |        |
| $k = 0.60$                       | 69   | 59  | 53        | 68  | 59  | 53  | 67            | 58  | 53  | 48     |
| 0.80                             | 79   | 69  | 64        | 78  | 69  | 63  | 76            | 68  | 63  | 57     |
| 1.00                             | 86   | 78  | 72        | 85  | 77  | 72  | 83            | 78  | 71  | 66     |
| 1.25                             | 93   | 85  | 79        | 91  | 84  | 79  | 89            | 83  | 78  | 72     |
| 1.50                             | 97   | 89  | 84        | 95  | 89  | 84  | 93            | 87  | 83  | 77     |
| 2.00                             | 102  | 96  | 91        | 100 | 95  | 90  | 97            | 93  | 89  | 82     |
| 2.50                             | 105  | 99  | 95        | 103 | 98  | 94  | 99            | 95  | 92  | 85     |
| 3.00                             | 107  | 102 | 98        | 105 | 101 | 97  | 102           | 98  | 95  | 88     |
| 4.00                             | 110  | 106 | 103       | 108 | 104 | 101 | 104           | 101 | 98  | 91     |
| 5.00                             | 112  | 108 | 105       | 110 | 106 | 104 | 105           | 103 | 101 | 92     |
| ROOM INDEX                       | UF(total)  |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

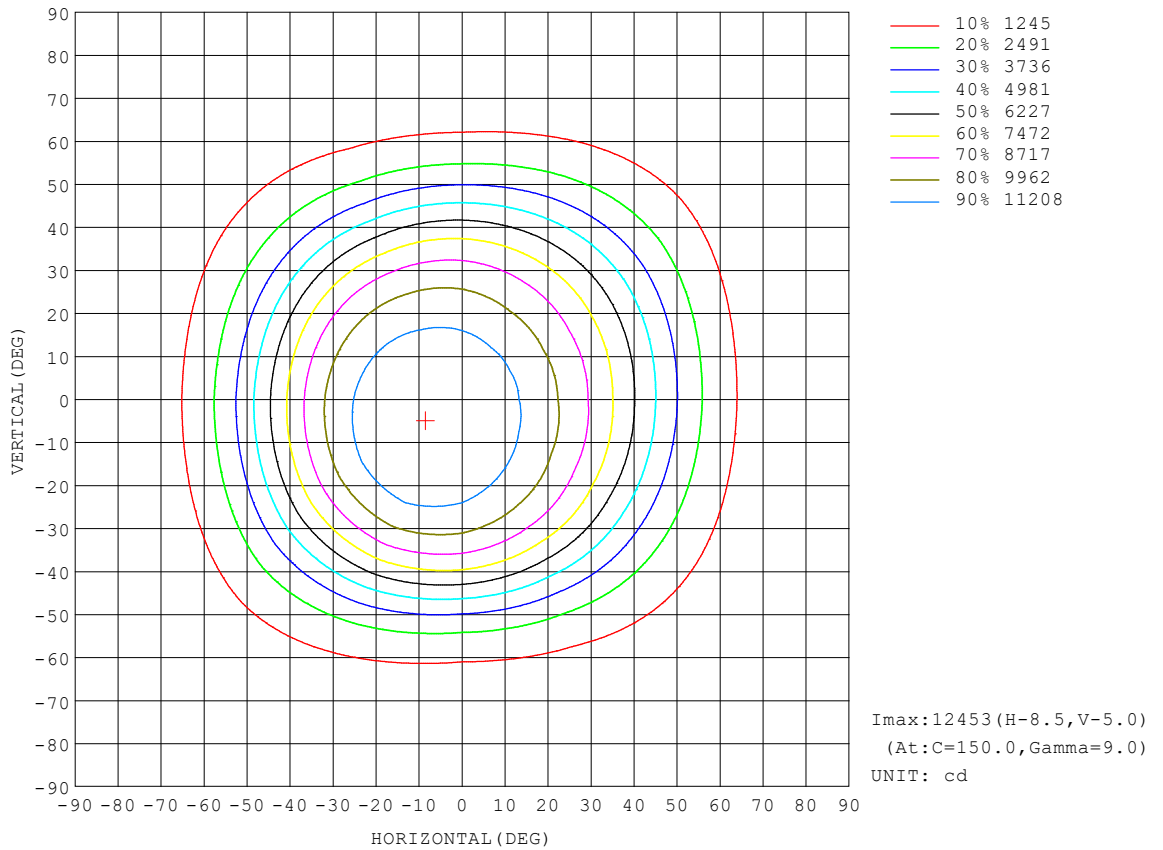
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Danny  
 Test Date: 2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity: 65.0%  
 Test Distance: 9.400m [K=1.0000]  
 Remarks:



ISOCANDELA DIAGRAM

|            |  |  |
|------------|--|--|
| NAME :     |  |  |
| MFR. : CLF |  |  |
|            |  |  |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Danny  
Test Date: 2023-12-08

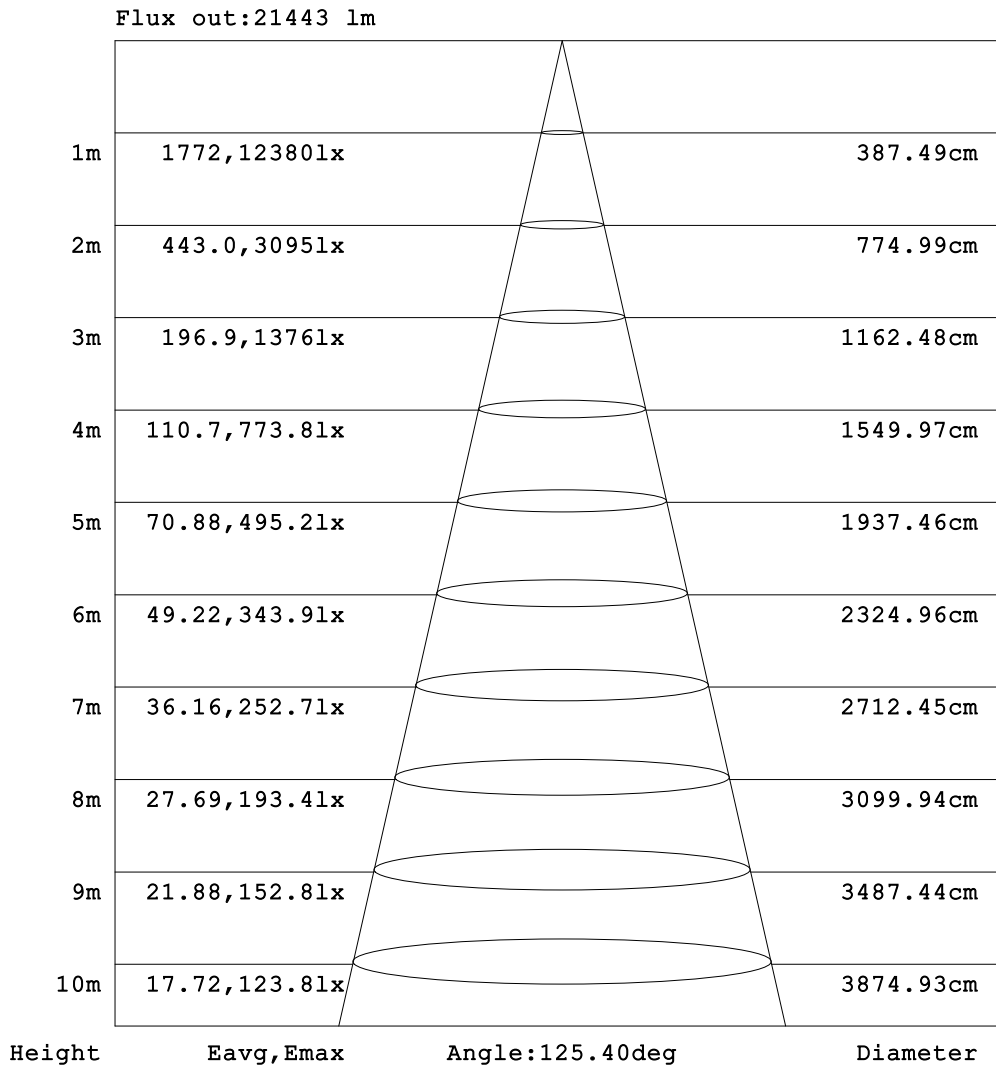
γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-HD5 SYSTEM V2.0.407.13  
Humidity: 65.0%  
Test Distance: 9.400m [K=1.0000]  
Remarks:





AAI Figure

|           |  |  |
|-----------|--|--|
| NAME:     |  |  |
| MFR.: CLF |  |  |
|           |  |  |



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

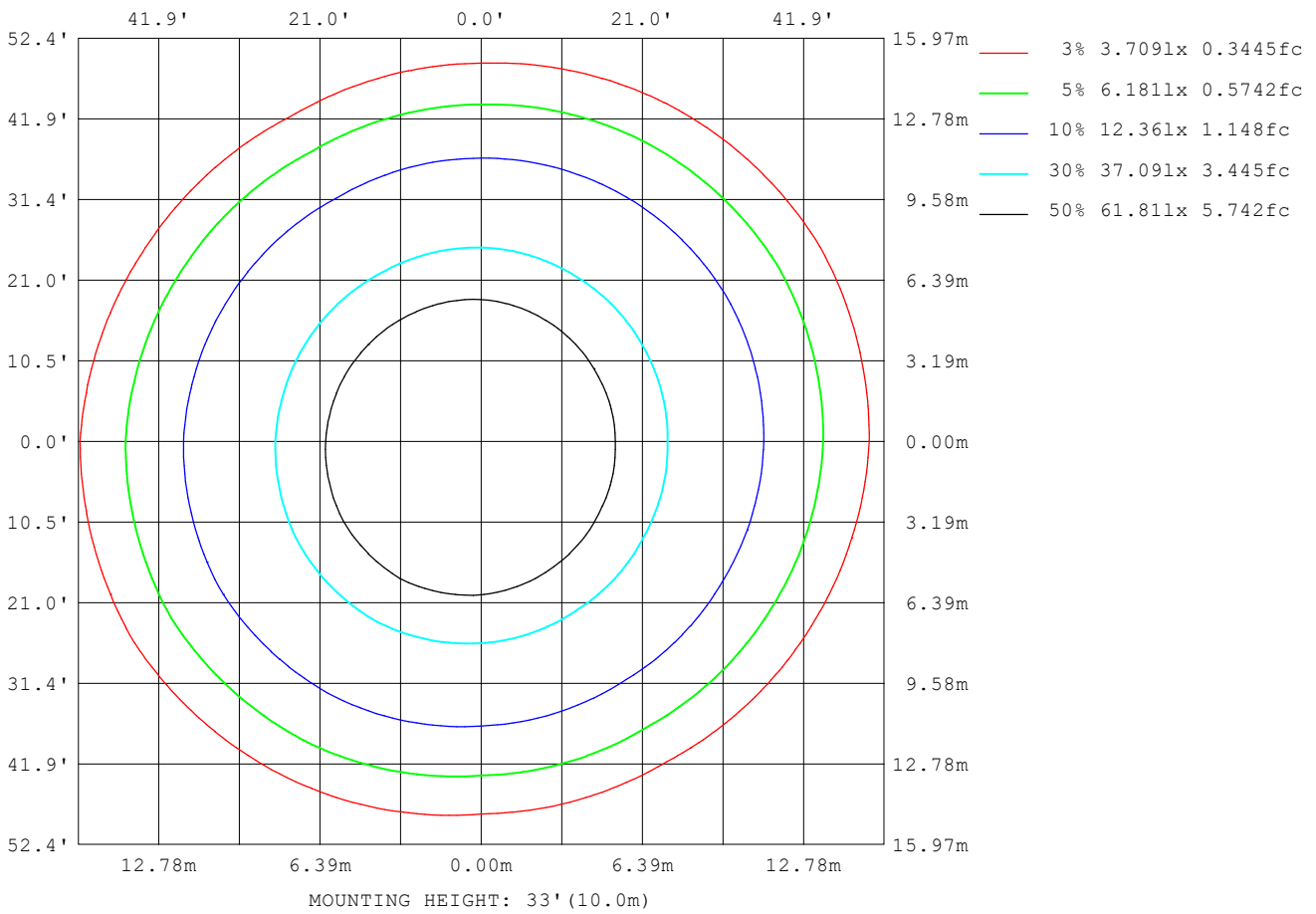
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Danny  
 Test Date:2023-12-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity:65.0%  
 Test Distance:9.400m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

|            |  |  |
|------------|--|--|
| NAME :     |  |  |
| MFR. : CLF |  |  |
|            |  |  |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Danny  
Test Date: 2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-HD5 SYSTEM V2.0.407.13  
Humidity: 65.0%  
Test Distance: 9.400m [K=1.0000]  
Remarks:



## LED Avg.L Report

|            |  |  |
|------------|--|--|
| NAME :     |  |  |
| MFR. : CLF |  |  |
|            |  |  |

| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 28319 |
| L_0~180 (75) av  | 15061 |
| L_0~180 (85) av  | 4047  |
| L_90~270 (65) av | 21133 |
| L_90~270 (75) av | 12614 |
| L_90~270 (85) av | 5009  |
| L_45 (65) av     | 24607 |
| L_45 (75) av     | 13594 |
| L_45 (85) av     | 3937  |

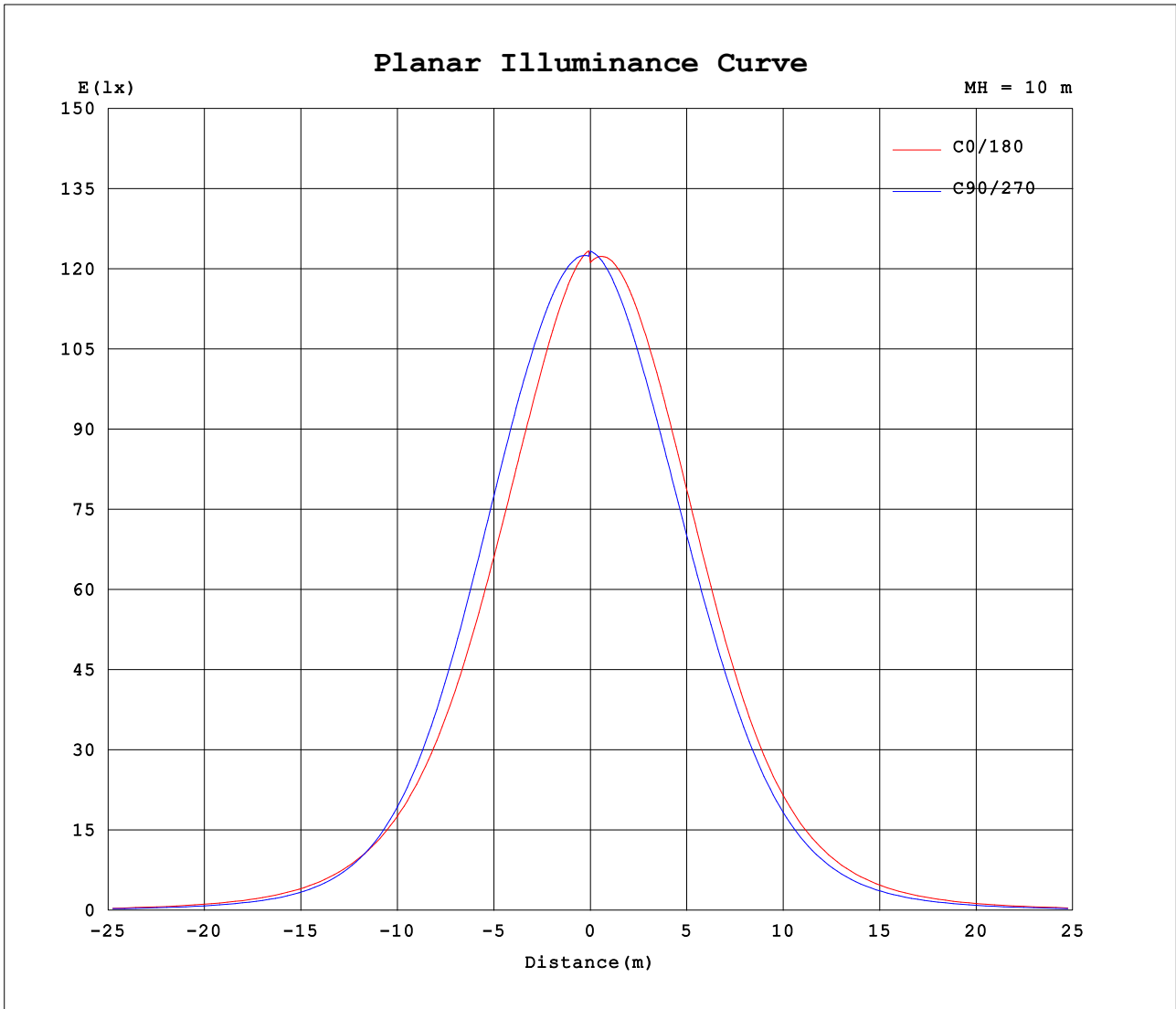
Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Danny  
Test Date:2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:



Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators: Danny  
Test Date:2023-12-08

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-HD5 SYSTEM V2.0.407.13  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

|           |  |
|-----------|--|
| NAME:     |  |
| MFR.: CLF |  |
|           |  |

Table--1

UNIT: x10cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                  | 1236 | 1236 | 1233 | 1223 | 1216 | 1212 | 1212 | 1214 | 1224 | 1233 | 1236 | 1238 |  |  |  |  |  |  |
| 5                  | 1206 | 1215 | 1224 | 1229 | 1236 | 1239 | 1235 | 1225 | 1217 | 1214 | 1207 | 1205 |  |  |  |  |  |  |
| 10                 | 1158 | 1175 | 1199 | 1221 | 1239 | 1245 | 1236 | 1216 | 1194 | 1178 | 1162 | 1155 |  |  |  |  |  |  |
| 15                 | 1099 | 1124 | 1162 | 1200 | 1228 | 1234 | 1218 | 1189 | 1156 | 1131 | 1106 | 1095 |  |  |  |  |  |  |
| 20                 | 1031 | 1060 | 1111 | 1165 | 1202 | 1205 | 1181 | 1145 | 1105 | 1074 | 1042 | 1026 |  |  |  |  |  |  |
| 25                 | 952  | 982  | 1041 | 1108 | 1153 | 1154 | 1124 | 1082 | 1038 | 1005 | 968  | 948  |  |  |  |  |  |  |
| 30                 | 858  | 885  | 945  | 1020 | 1072 | 1071 | 1038 | 993  | 948  | 918  | 881  | 858  |  |  |  |  |  |  |
| 35                 | 749  | 767  | 819  | 895  | 951  | 953  | 919  | 875  | 831  | 807  | 776  | 755  |  |  |  |  |  |  |
| 40                 | 627  | 632  | 667  | 735  | 793  | 802  | 771  | 728  | 684  | 672  | 652  | 638  |  |  |  |  |  |  |
| 45                 | 499  | 490  | 501  | 548  | 610  | 632  | 608  | 564  | 523  | 519  | 515  | 512  |  |  |  |  |  |  |
| 50                 | 376  | 355  | 346  | 370  | 428  | 461  | 449  | 405  | 367  | 369  | 379  | 386  |  |  |  |  |  |  |
| 55                 | 266  | 241  | 222  | 230  | 277  | 314  | 311  | 270  | 239  | 243  | 261  | 274  |  |  |  |  |  |  |
| 60                 | 178  | 157  | 137  | 138  | 170  | 200  | 203  | 172  | 149  | 152  | 170  | 183  |  |  |  |  |  |  |
| 65                 | 113  | 98.6 | 85.5 | 85.0 | 104  | 123  | 127  | 107  | 92.3 | 93.6 | 107  | 116  |  |  |  |  |  |  |
| 70                 | 66.5 | 59.6 | 53.3 | 53.4 | 63.9 | 72.7 | 75.6 | 64.9 | 57.1 | 57.0 | 64.5 | 68.7 |  |  |  |  |  |  |
| 75                 | 35.8 | 32.3 | 31.2 | 32.3 | 37.1 | 39.9 | 42.2 | 36.1 | 33.5 | 33.0 | 35.2 | 36.6 |  |  |  |  |  |  |
| 80                 | 15.7 | 13.8 | 15.1 | 16.4 | 17.4 | 18.7 | 20.0 | 16.3 | 16.2 | 15.9 | 14.6 | 15.8 |  |  |  |  |  |  |
| 85                 | 2.16 | 2.61 | 3.54 | 4.74 | 4.78 | 4.35 | 4.90 | 3.86 | 3.90 | 3.99 | 2.73 | 2.14 |  |  |  |  |  |  |
| 90                 | 0.21 | 0.20 | 0.19 | 0.19 | 0.21 | 0.20 | 0.20 | 0.19 | 0.18 | 0.18 | 0.19 | 0.21 |  |  |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Danny  
 Test Date: 2023-12-08

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-HD5 SYSTEM V2.0.407.13  
 Humidity: 65.0%  
 Test Distance: 9.400m [K=1.0000]  
 Remarks: