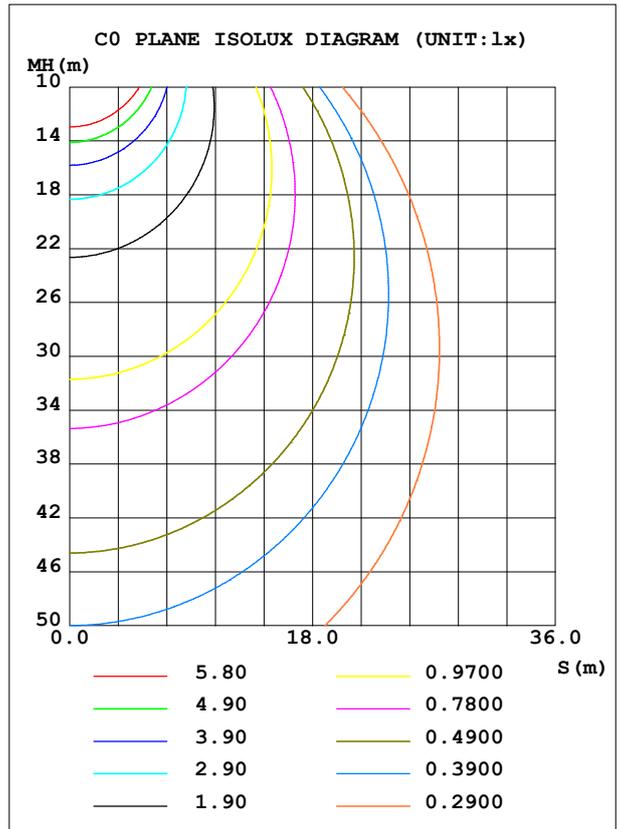
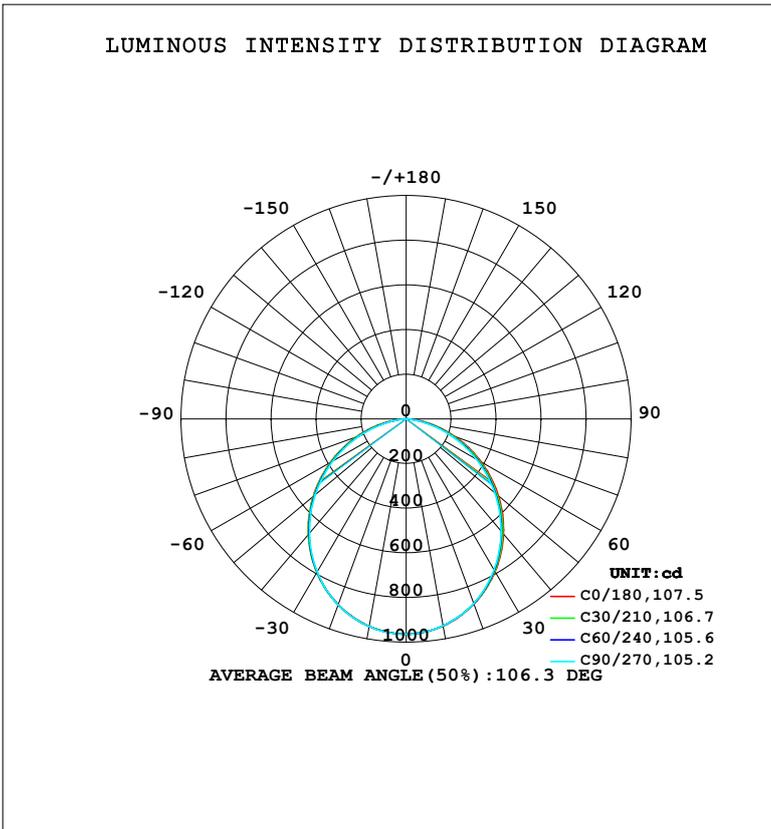


**LUMINAIRE PHOTOMETRIC TEST REPORT**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |

| DATA OF LAMP      |        | PHOTOMETRIC DATA |        |                          |          |
|-------------------|--------|------------------|--------|--------------------------|----------|
| MODEL             | OJL154 | Imax (cd)        | 964.1  | S/MH (C0/180)            | 1.23     |
| NOMINAL POWER (W) | 24     | LOR (%)          | 100.0  | S/MH (C90/270)           | 1.23     |
| RATED VOLTAGE (V) | 120    | TOTAL FLUX (lm)  | 2538.0 | $\eta$ UP, DN (C0-180)   | 0.0,49.6 |
| NOMINAL FLUX (lm) | 2538   | CIE CLASS        | DIRECT | $\eta$ UP, DN (C180-360) | 0.0,50.4 |
| LAMPS INSIDE      | 1      | $\eta$ up (%)    | 0.0    | CIBSE SHR NOM            | 1.25     |
| TEST VOLTAGE (V)  | 219.5  | $\eta$ down (%)  | 100.0  | CIBSE SHR MAX            | 1.35     |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2024-01-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [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       | 941.6                 | 941.6 | 940.7 | 941.8 | 943.1 | 943.4 | 944.0 | 943.0 | 0- 10    | 90.97       | 90.97        | 3.58,3.58 |
| 20       | 881.8                 | 880.8 | 878.8 | 882.0 | 884.4 | 884.6 | 885.7 | 883.9 | 10- 20   | 258.6       | 349.6        | 13.8,13.8 |
| 30       | 790.3                 | 787.3 | 781.3 | 788.6 | 793.3 | 792.4 | 790.9 | 791.6 | 20- 30   | 386.9       | 736.5        | 29,29     |
| 40       | 672.9                 | 665.6 | 656.6 | 666.8 | 676.7 | 672.5 | 668.9 | 671.5 | 30- 40   | 457.8       | 1194         | 47.1,47.1 |
| 50       | 535.1                 | 524.4 | 513.9 | 525.4 | 538.8 | 532.2 | 527.8 | 531.1 | 40- 50   | 463.1       | 1657         | 65.3,65.3 |
| 60       | 385.0                 | 372.3 | 360.2 | 372.9 | 388.0 | 379.8 | 374.6 | 378.5 | 50- 60   | 405.0       | 2062         | 81.3,81.3 |
| 70       | 230.8                 | 217.9 | 203.4 | 217.7 | 234.6 | 224.4 | 217.1 | 222.9 | 60- 70   | 295.5       | 2358         | 92.9,92.9 |
| 80       | 86.43                 | 72.23 | 57.30 | 71.88 | 89.35 | 76.76 | 65.47 | 75.13 | 70- 80   | 154.3       | 2512         | 99,99     |
| 90       | 1.518                 | 1.513 | 1.461 | 1.476 | 1.625 | 1.748 | 1.582 | 1.803 | 80- 90   | 25.90       | 2538         | 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): 1429.3 lm

%lum = 56.3%

%lamp = 56.3%

Conical surface Flux(130deg): 2226.4 lm

%lum = 87.7%

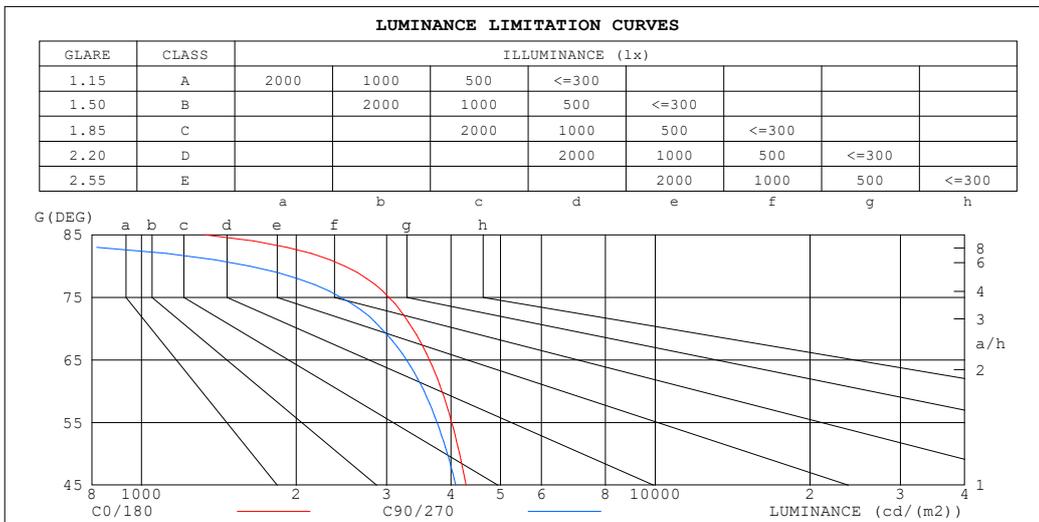
%lamp = 87.7%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |



| LUMINANCE cd/ (m2) |        |         |
|--------------------|--------|---------|
| G (DEG)            | C0/180 | C90/270 |
| 85                 | 1330   | 312     |
| 80                 | 2486   | 1625    |
| 75                 | 3032   | 2445    |
| 70                 | 3371   | 2930    |
| 65                 | 3633   | 3278    |
| 60                 | 3845   | 3548    |
| 55                 | 4016   | 3760    |
| 50                 | 4158   | 3938    |
| 45                 | 4281   | 4090    |

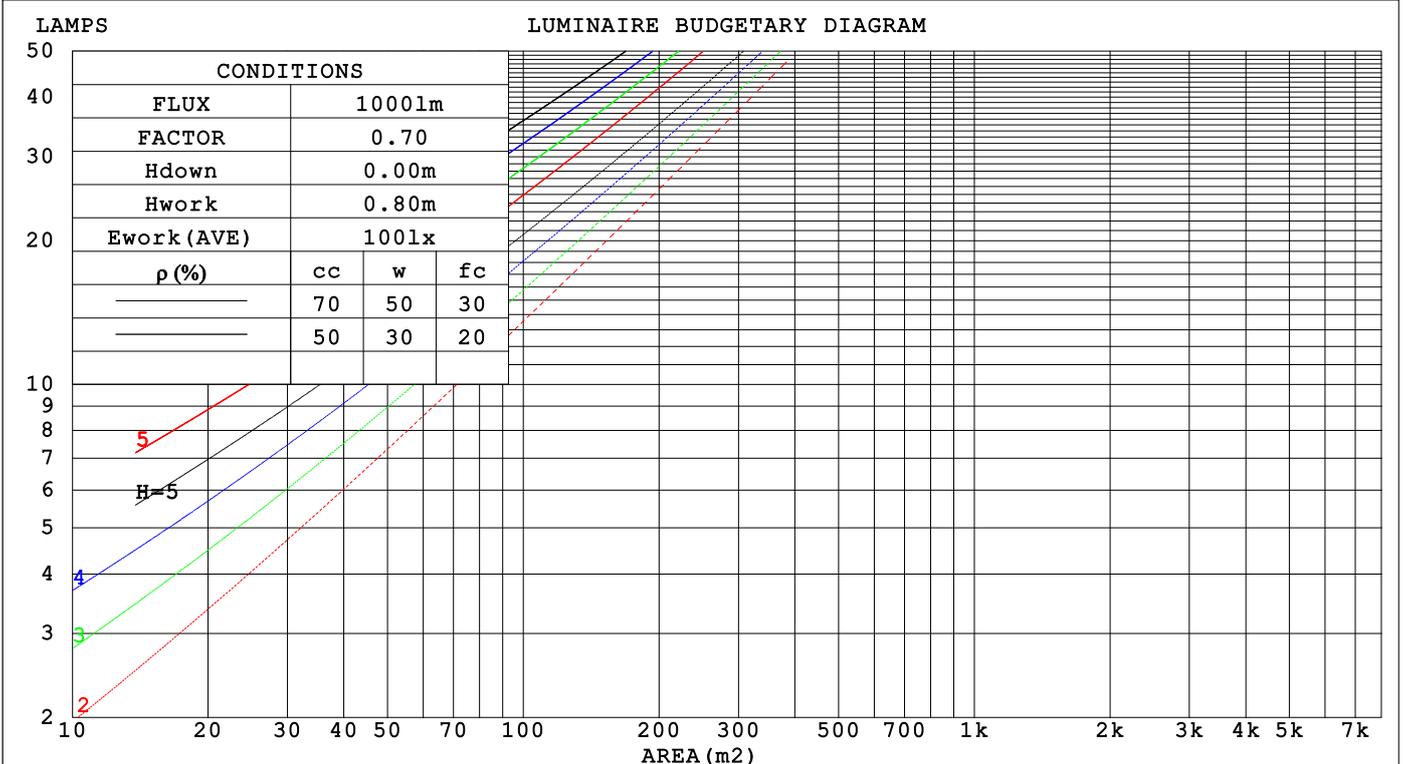
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

|   |             |                  |
|---|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz |             |                  |
| Lamp Flux:2538x1 lm                                       |             |                  |
| NAME: OJL154  | TYPE:       | WEIGHT:          |
| SPEC.:  | DIM.:       | SERIAL No.:      |
| MFR.:   | SUR.: 129mm | 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    |
| p <sub>w</sub>  |                                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0    |
| p <sub>fc</sub> | 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 | 1.00 |
| 1.0             | 1.05                            | 1.01 | .97  | 1.02 | .99  | .95  | .98  | .95  | .92  | .94  | .92  | .90  | .91  | .89  | .87  | .85  |
| 2.0             | .92                             | .85  | .79  | .90  | .84  | .79  | .86  | .81  | .77  | .83  | .79  | .75  | .80  | .76  | .73  | .71  |
| 3.0             | .81                             | .73  | .66  | .79  | .72  | .66  | .76  | .70  | .65  | .73  | .68  | .63  | .71  | .66  | .62  | .60  |
| 4.0             | .72                             | .63  | .56  | .70  | .62  | .56  | .68  | .61  | .55  | .65  | .59  | .55  | .63  | .58  | .54  | .52  |
| 5.0             | .64                             | .55  | .49  | .63  | .55  | .48  | .61  | .54  | .48  | .59  | .52  | .47  | .57  | .51  | .47  | .45  |
| 6.0             | .58                             | .49  | .43  | .57  | .48  | .42  | .55  | .48  | .42  | .53  | .47  | .42  | .52  | .46  | .41  | .39  |
| 7.0             | .52                             | .44  | .38  | .52  | .43  | .38  | .50  | .43  | .37  | .49  | .42  | .37  | .47  | .41  | .37  | .35  |
| 8.0             | .48                             | .39  | .34  | .47  | .39  | .34  | .46  | .39  | .33  | .45  | .38  | .33  | .43  | .37  | .33  | .31  |
| 9.0             | .44                             | .36  | .30  | .43  | .36  | .30  | .42  | .35  | .30  | .41  | .35  | .30  | .40  | .34  | .30  | .28  |
| 10.0            | .41                             | .33  | .28  | .40  | .33  | .28  | .39  | .32  | .27  | .38  | .32  | .27  | .37  | .31  | .27  | .25  |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

|   |  |  |             |  |  |                  |  |  |
|---|--|--|-------------|--|--|------------------|--|--|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz |  |  |             |  |  |                  |  |  |
| Lamp Flux:2538x1 lm                                       |  |  |             |  |  |                  |  |  |
| NAME: OJL154  |  |  | TYPE:       |  |  | WEIGHT:          |  |  |
| SPEC.:  |  |  | DIM.:       |  |  | SERIAL No.:      |  |  |
| MFR.:   |  |  | SUR.: 129mm |  |  | 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         | .293                  | .167 | .053 | .286 | .163 | .052 | .273                             | .157 | .050 | .261 | .151 | .048 | .250 | .145 | .047 |   |
| 2.0         | .280                  | .154 | .047 | .274 | .151 | .047 | .263                             | .146 | .045 | .252 | .141 | .044 | .242 | .137 | .043 |   |
| 3.0         | .262                  | .139 | .042 | .256 | .137 | .041 | .246                             | .133 | .040 | .236 | .130 | .040 | .228 | .126 | .039 |   |
| 4.0         | .243                  | .126 | .037 | .238 | .124 | .037 | .229                             | .121 | .036 | .220 | .118 | .036 | .212 | .115 | .035 |   |
| 5.0         | .225                  | .115 | .033 | .221 | .113 | .033 | .213                             | .111 | .033 | .205 | .108 | .032 | .198 | .106 | .032 |   |
| 6.0         | .209                  | .105 | .030 | .206 | .104 | .030 | .198                             | .102 | .030 | .192 | .100 | .029 | .185 | .098 | .029 |   |
| 7.0         | .195                  | .097 | .027 | .192 | .096 | .027 | .186                             | .094 | .027 | .180 | .092 | .027 | .174 | .090 | .027 |   |
| 8.0         | .183                  | .089 | .025 | .180 | .089 | .025 | .174                             | .087 | .025 | .169 | .085 | .025 | .164 | .084 | .024 |   |
| 9.0         | .172                  | .083 | .023 | .169 | .082 | .023 | .164                             | .081 | .023 | .159 | .080 | .023 | .154 | .078 | .023 |   |
| 10.0        | .161                  | .077 | .021 | .159 | .077 | .021 | .154                             | .076 | .021 | .150 | .074 | .021 | .146 | .073 | .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         | .190                  | .190 | .190 | .163 | .163 | .163 | .111  | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0         | .179                  | .156 | .136 | .153 | .134 | .117 | .105  | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 |   |
| 2.0         | .171                  | .132 | .099 | .146 | .114 | .086 | .100  | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0         | .163                  | .114 | .075 | .140 | .099 | .065 | .096  | .068 | .046 | .055 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0         | .155                  | .101 | .059 | .133 | .087 | .052 | .092  | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0         | .148                  | .090 | .048 | .127 | .078 | .042 | .087  | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 |   |
| 6.0         | .141                  | .082 | .040 | .121 | .071 | .035 | .084  | .050 | .024 | .048 | .029 | .015 | .016 | .010 | .005 |   |
| 7.0         | .134                  | .075 | .034 | .115 | .065 | .029 | .080  | .046 | .021 | .046 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0         | .128                  | .069 | .029 | .110 | .060 | .025 | .076  | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 |   |
| 9.0         | .122                  | .064 | .025 | .105 | .056 | .022 | .073  | .039 | .016 | .042 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0        | .116                  | .060 | .023 | .100 | .052 | .020 | .069  | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

|   |             |                  |
|---|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz |             |                  |
| Lamp Flux:2538x1 lm                                       |             |                  |
| NAME: OJL154  | TYPE:       | WEIGHT:          |
| SPEC.:  | DIM.:       | SERIAL No.:      |
| MFR.:   | SUR.: 129mm | 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   | 14.4             | 15.9 | 14.7 | 16.1 | 16.3 | 14.1           | 15.6 | 14.4 | 15.8 | 16.0 |
| 3H              | 15.8             | 17.2 | 16.1 | 17.5 | 17.7 | 15.4           | 16.8 | 15.7 | 17.0 | 17.2 |
| 4H              | 16.4             | 17.7 | 16.7 | 17.9 | 18.2 | 15.8           | 17.1 | 16.1 | 17.4 | 17.6 |
| 6H              | 16.7             | 18.0 | 17.1 | 18.2 | 18.5 | 16.0           | 17.2 | 16.3 | 17.5 | 17.8 |
| 8H              | 16.8             | 18.0 | 17.1 | 18.3 | 18.6 | 16.0           | 17.2 | 16.3 | 17.5 | 17.7 |
| 12H             | 16.8             | 17.9 | 17.2 | 18.2 | 18.5 | 15.9           | 17.1 | 16.3 | 17.4 | 17.7 |
| 4H 2H           | 14.9             | 16.3 | 15.3 | 16.5 | 16.8 | 14.7           | 16.0 | 15.0 | 16.3 | 16.5 |
| 3H              | 16.5             | 17.7 | 16.9 | 18.0 | 18.3 | 16.1           | 17.3 | 16.5 | 17.6 | 17.9 |
| 4H              | 17.2             | 18.2 | 17.6 | 18.6 | 18.9 | 16.7           | 17.7 | 17.0 | 18.0 | 18.3 |
| 6H              | 17.6             | 18.6 | 18.0 | 18.9 | 19.3 | 16.9           | 17.9 | 17.3 | 18.2 | 18.6 |
| 8H              | 17.8             | 18.6 | 18.2 | 19.0 | 19.4 | 16.9           | 17.8 | 17.4 | 18.2 | 18.6 |
| 12H             | 17.8             | 18.6 | 18.2 | 19.0 | 19.4 | 16.9           | 17.7 | 17.3 | 18.1 | 18.5 |
| 8H 4H           | 17.4             | 18.2 | 17.8 | 18.6 | 19.0 | 16.9           | 17.7 | 17.3 | 18.1 | 18.5 |
| 6H              | 17.9             | 18.6 | 18.4 | 19.0 | 19.5 | 17.2           | 17.9 | 17.7 | 18.4 | 18.8 |
| 8H              | 18.1             | 18.7 | 18.5 | 19.1 | 19.6 | 17.3           | 17.9 | 17.7 | 18.3 | 18.8 |
| 12H             | 18.1             | 18.7 | 18.6 | 19.1 | 19.6 | 17.3           | 17.8 | 17.7 | 18.3 | 18.7 |
| 12H 4H          | 17.3             | 18.1 | 17.8 | 18.5 | 18.9 | 16.9           | 17.7 | 17.3 | 18.0 | 18.4 |
| 6H              | 17.9             | 18.5 | 18.4 | 19.0 | 19.4 | 17.3           | 17.9 | 17.7 | 18.3 | 18.8 |
| 8H              | 18.1             | 18.6 | 18.6 | 19.1 | 19.6 | 17.3           | 17.9 | 17.8 | 18.3 | 18.8 |

|   |               |               |
|---|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): |               |               |
| S = 1.0H  | + 0.2 / - 0.2 | + 0.2 / - 0.3 |
| 1.5H  | + 0.2 / - 0.3 | + 0.2 / - 0.4 |
| 2.0H  | + 0.3 / - 0.3 | + 0.3 / - 0.4 |

CIE Pub.117, 2538 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)  
 Area: 0.2025 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |

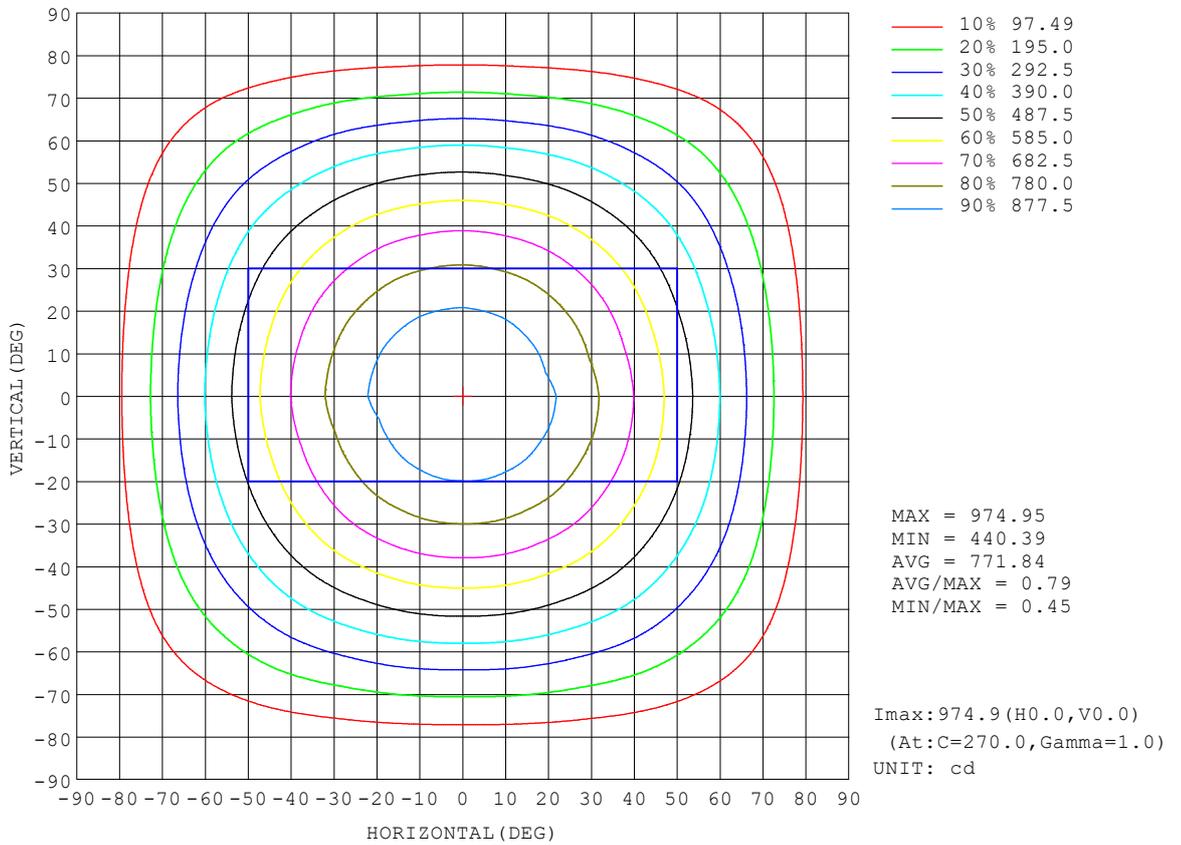
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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                         | 59   | 47  | 41        | 58  | 47  | 41  | 57            | 47  | 40  | 34     |
| 0.80                             | 69   | 58  | 50        | 68  | 57  | 50  | 66            | 56  | 50  | 43     |
| 1.00                             | 77   | 67  | 59        | 76  | 66  | 59  | 74            | 67  | 59  | 52     |
| 1.25                             | 84   | 74  | 67        | 83  | 74  | 67  | 80            | 72  | 66  | 59     |
| 1.50                             | 89   | 80  | 73        | 88  | 79  | 73  | 85            | 77  | 72  | 64     |
| 2.00                             | 96   | 88  | 82        | 94  | 87  | 81  | 91            | 85  | 79  | 72     |
| 2.50                             | 100  | 92  | 87        | 98  | 91  | 86  | 94            | 88  | 84  | 76     |
| 3.00                             | 103  | 97  | 91        | 101 | 95  | 90  | 97            | 92  | 88  | 80     |
| 4.00                             | 107  | 102 | 97        | 105 | 100 | 96  | 100           | 97  | 93  | 84     |
| 5.00                             | 109  | 105 | 101       | 107 | 103 | 99  | 102           | 99  | 96  | 87     |
| 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:  
 Test Date:2024-01-16

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |

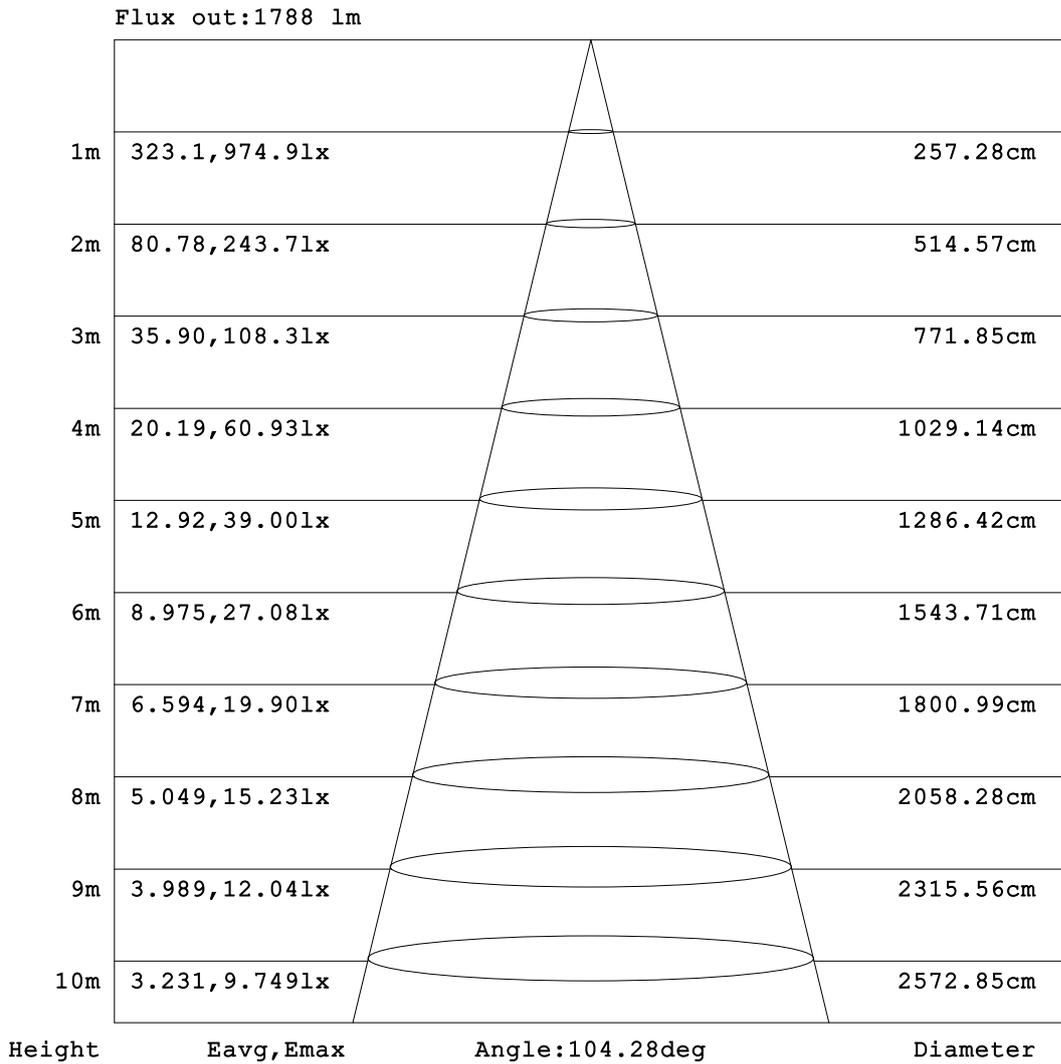


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**AAI Figure**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |



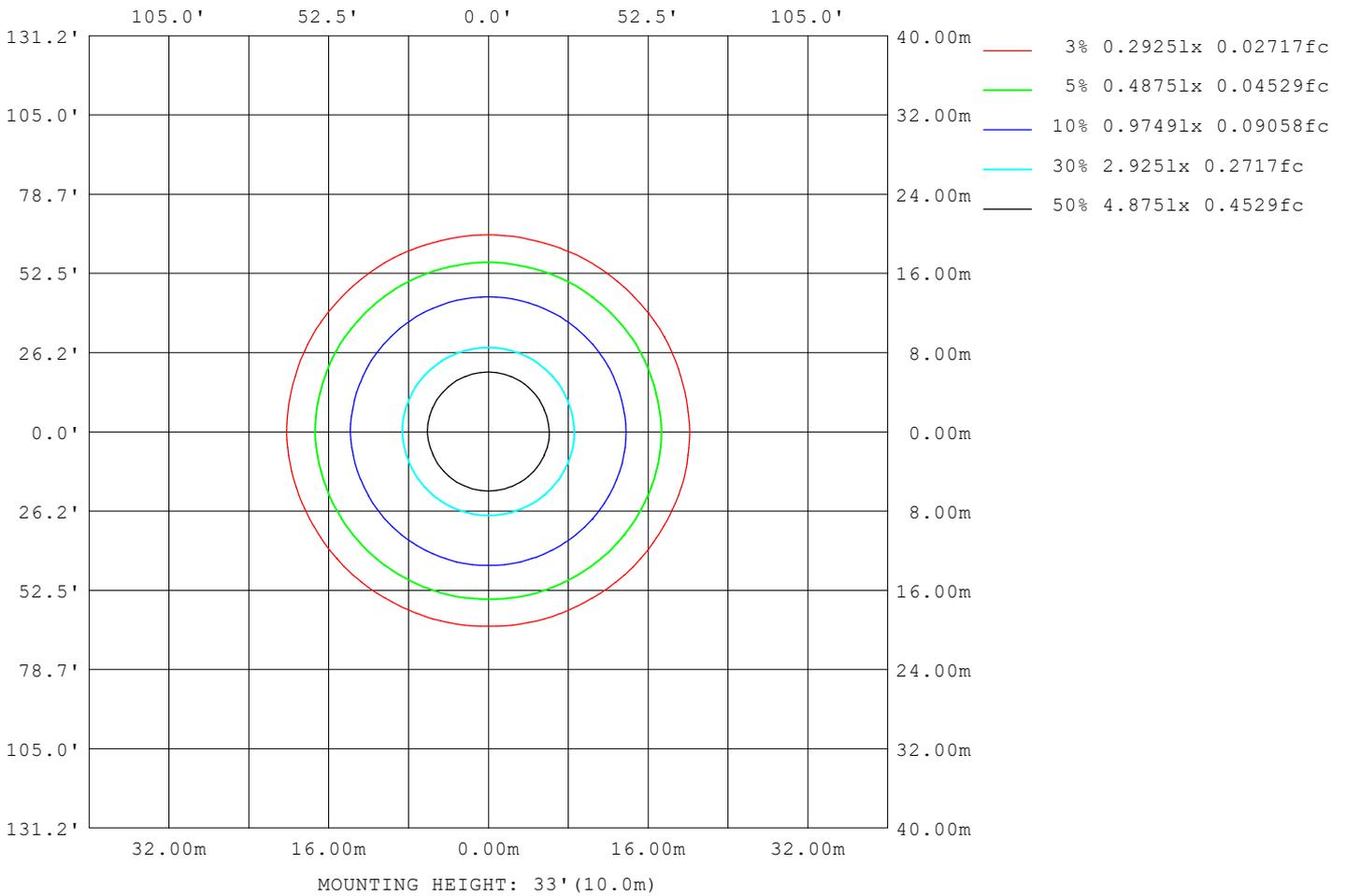
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

|  |             |                  |
|--|-------------|------------------|
| Test:U:120.25V I:0.2023A P:24.212W PF:0.9953 Freq:50.00Hz<br>Lamp Flux:2538x1 lm |             |                  |
| NAME: OJL154   | TYPE:       | WEIGHT:          |
| SPEC.:   | DIM.:       | SERIAL No.:      |
| MFR.:  | SUR.: 129mm | Shielding Angle: |

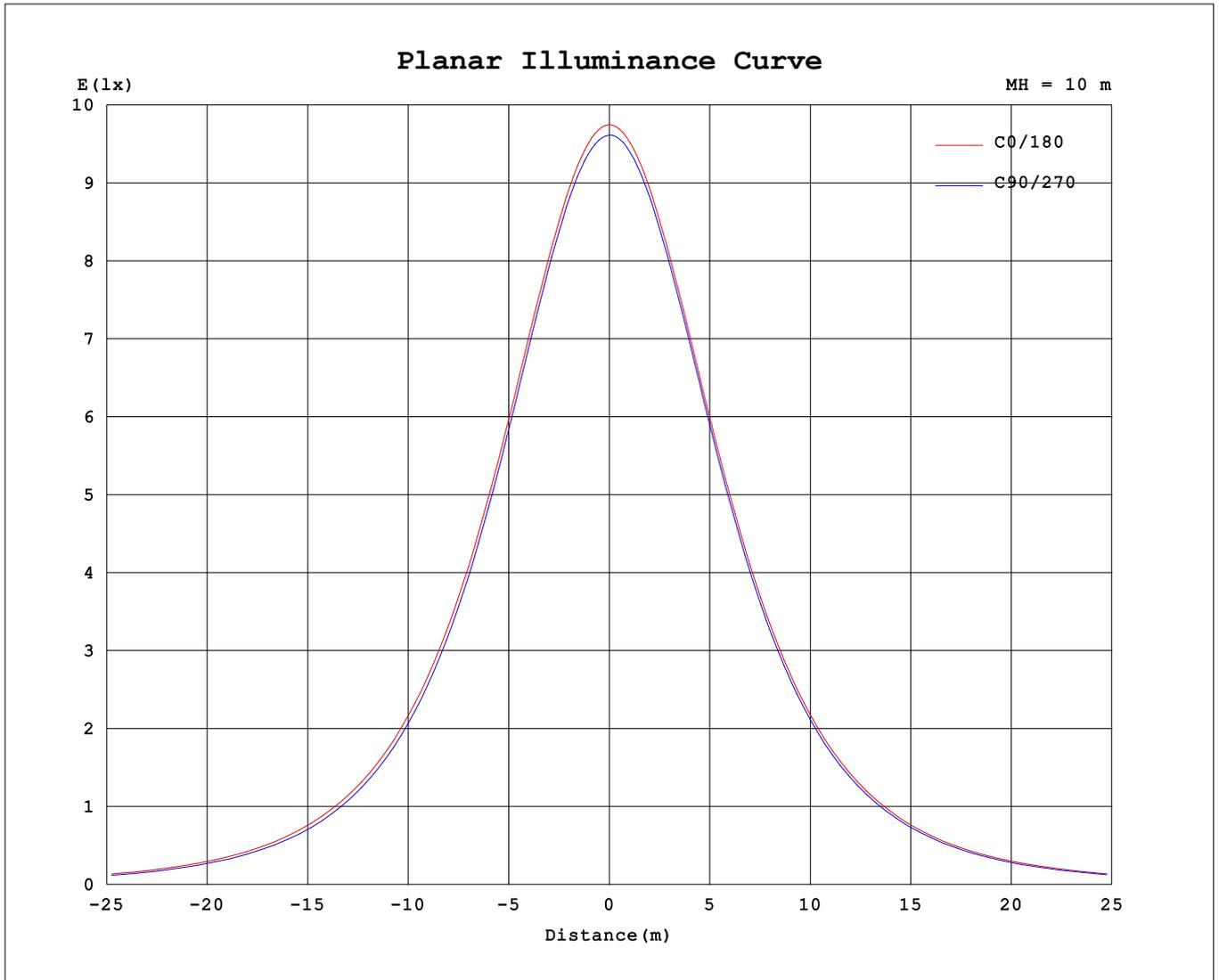
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 3615  |
| L_0~180 (75) av  | 3025  |
| L_0~180 (85) av  | 1389  |
| L_90~270 (65) av | 3374  |
| L_90~270 (75) av | 2554  |
| L_90~270 (85) av | 391   |
| L_45 (65) av     | 3485  |
| L_45 (75) av     | 2776  |
| L_45 (85) av     | 808   |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2024-01-16

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 2024-01-16

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 9.401m [K=1.0000]  
Remarks:



