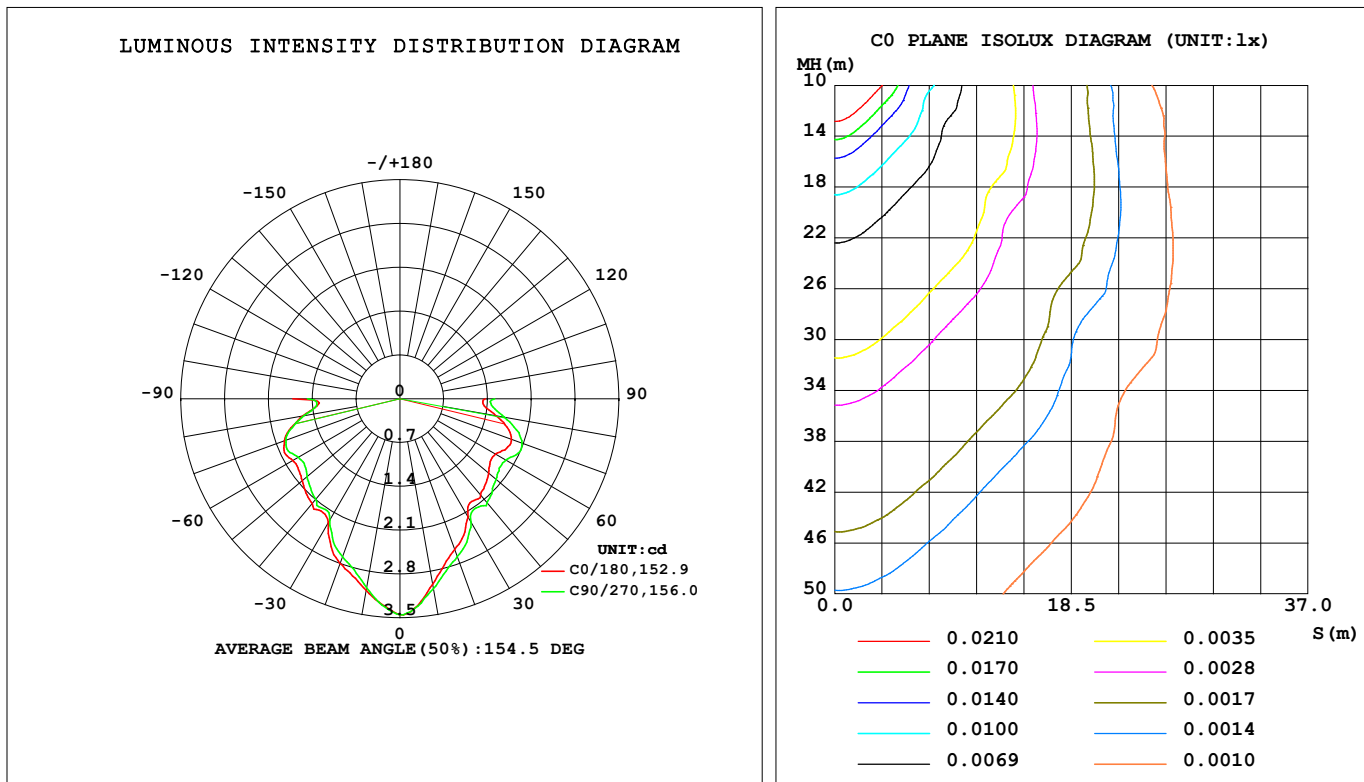


**LUMINAIRE PHOTOMETRIC TEST REPORT**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME_WALL_KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |

| DATA OF LAMP      |                          | PHOTOMETRIC DATA      |        |                    |          | Eff: 2.40 lm/W |
|-------------------|--------------------------|-----------------------|--------|--------------------|----------|----------------|
| MODEL             | CHROME DOME_BLK_2700K_5W | I <sub>max</sub> (cd) | 3.459  | S/MH (C0/180)      | 1.04     |                |
| NOMINAL POWER (W) |                          | LOR (%)               | 100.0  | S/MH (C90/270)     | 1.01     |                |
| RATED VOLTAGE (V) | 230.0                    | TOTAL FLUX (lm)       | 12.383 | η UP,DN (C0-180)   | 0.0,50.5 |                |
| NOMINAL FLUX (lm) | 12.383                   | CIE CLASS             | DIRECT | η UP,DN (C180-360) | 0.0,49.5 |                |
| LAMPS INSIDE      | 1                        | η up (%)              | 0.0    | CIBSE SHR NOM      | 1.25     |                |
| TEST VOLTAGE (V)  | 230                      | η down (%)            | 100.0  | CIBSE SHR MAX      | 1.35     |                |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: JEFF  
Test Date: 08 November 2019

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 65.0%  
Test Distance: 7.220m [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       | 3.012                 | 3.043 | 3.083 | 3.116 | 3.111 | 3.095 | 3.066 | 3.025 | 0- 10    | 0.3081      | 0.3081       | 2.49,2.49  |
| 20       | 2.563                 | 2.618 | 2.685 | 2.767 | 2.804 | 2.745 | 2.687 | 2.614 | 10- 20   | 0.8036      | 1.112        | 8.98,8.98  |
| 30       | 2.181                 | 2.227 | 2.272 | 2.278 | 2.289 | 2.276 | 2.245 | 2.193 | 20- 30   | 1.148       | 2.259        | 18.2,18.2  |
| 40       | 2.004                 | 2.105 | 2.168 | 2.191 | 2.184 | 2.164 | 2.096 | 2.013 | 30- 40   | 1.343       | 3.602        | 29.1,29.1  |
| 50       | 1.852                 | 1.922 | 2.003 | 2.063 | 2.038 | 2.037 | 1.937 | 1.870 | 40- 50   | 1.589       | 5.191        | 41.9,41.9  |
| 60       | 1.765                 | 1.841 | 1.953 | 2.053 | 1.982 | 1.978 | 1.876 | 1.795 | 50- 60   | 1.723       | 6.914        | 55.8,55.8  |
| 70       | 1.895                 | 1.944 | 2.075 | 2.103 | 1.967 | 2.015 | 1.938 | 1.844 | 60- 70   | 1.968       | 8.882        | 71.7,71.7  |
| 80       | 1.561                 | 1.640 | 1.693 | 1.708 | 1.573 | 1.640 | 1.551 | 1.495 | 70- 80   | 1.929       | 10.81        | 87.3,87.3  |
| 90       | 1.368                 | 1.515 | 1.515 | 1.630 | 1.715 | 1.686 | 1.477 | 1.318 | 80- 90   | 1.572       | 12.38        | 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): 4.3767 lm

%lum = 35.3%

%lamp = 35.3%

Conical surface Flux(120deg): 6.9139 lm

%lum = 55.8%

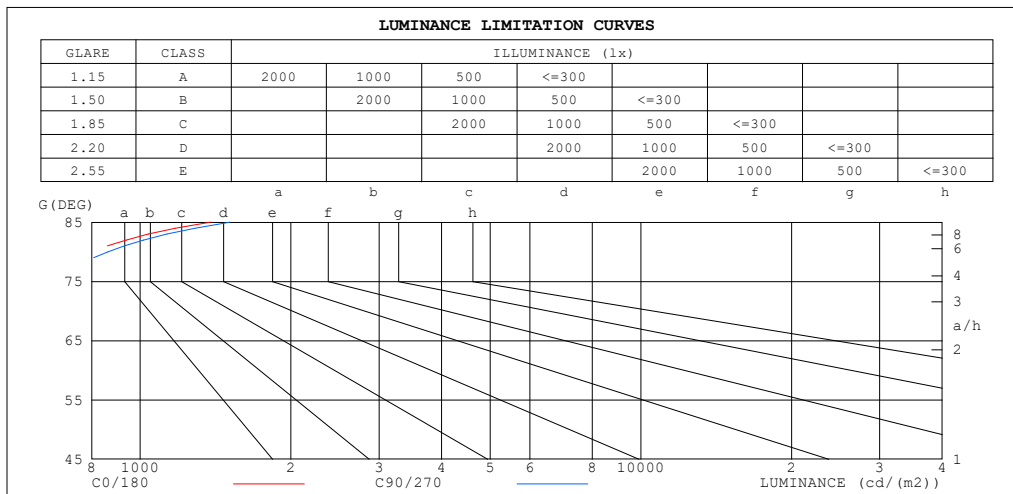
%lamp = 55.8%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**LUMINANCE LIMITATION CURVES**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME_WALL_KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 1383   | 1512    |
| 80                | 797    | 862     |
| 75                | 608    | 659     |
| 70                | 491    | 536     |
| 65                | 394    | 435     |
| 60                | 313    | 345     |
| 55                | 272    | 299     |
| 50                | 256    | 276     |
| 45                | 242    | 261     |

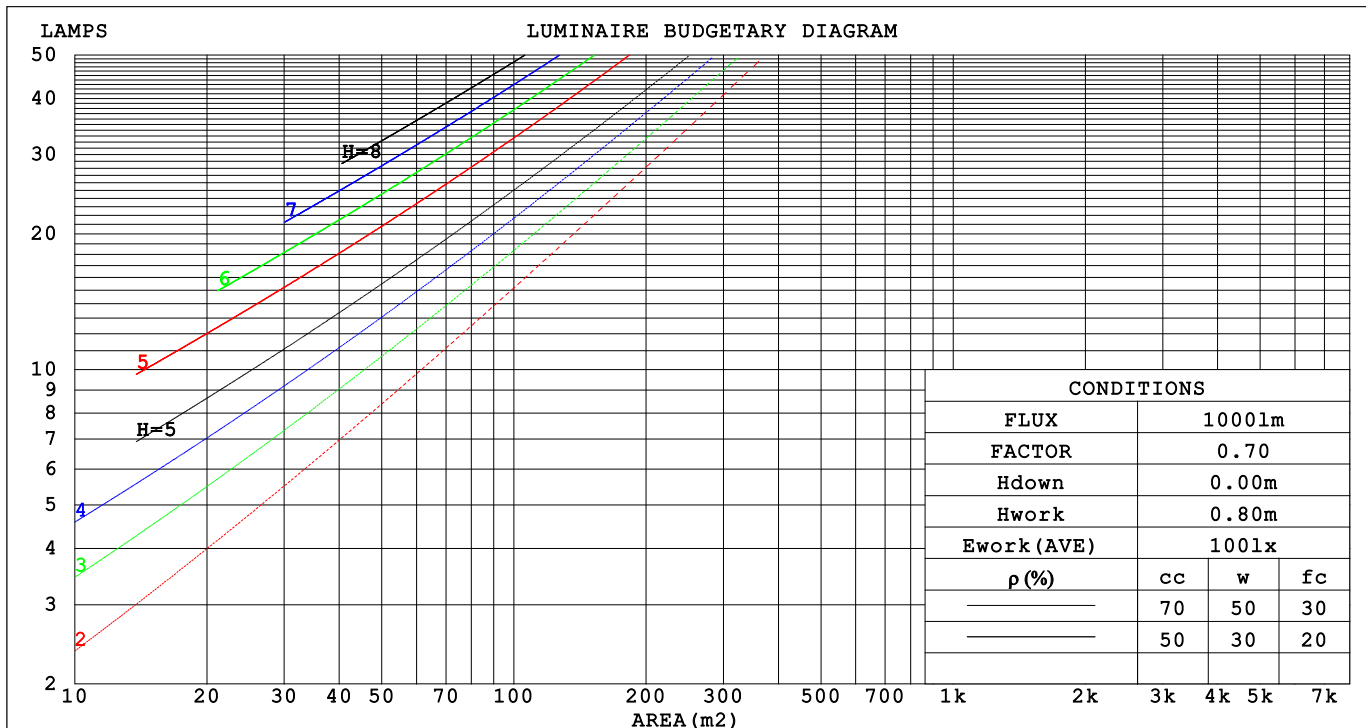
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME_WALL_KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |

| pcc | 80%                   |     |     | 70% |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| pw  | 50%                   | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20%                   |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 0 |
| RCR | RCR:Room Cavity Ratio |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

## WEC AND CCEC

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME_WALL_KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |
| 1.0  | .474                  | .270 | .085 | .467 | .266 | .085 | .453                             | .260 | .083 | .440 | .254 | .081 | .428 | .248 | .080 |   |
| 2.0  | .394                  | .216 | .066 | .387 | .213 | .066 | .374                             | .208 | .065 | .363 | .204 | .064 | .352 | .199 | .063 |   |
| 3.0  | .340                  | .181 | .054 | .334 | .179 | .054 | .323                             | .175 | .053 | .313 | .171 | .053 | .303 | .168 | .052 |   |
| 4.0  | .300                  | .156 | .046 | .295 | .154 | .046 | .285                             | .151 | .045 | .276 | .148 | .045 | .267 | .145 | .044 |   |
| 5.0  | .269                  | .137 | .040 | .264 | .136 | .039 | .255                             | .133 | .039 | .247 | .130 | .039 | .240 | .128 | .038 |   |
| 6.0  | .243                  | .122 | .035 | .239 | .121 | .035 | .231                             | .119 | .035 | .224 | .117 | .034 | .217 | .114 | .034 |   |
| 7.0  | .222                  | .110 | .031 | .219 | .109 | .031 | .212                             | .107 | .031 | .205 | .105 | .031 | .199 | .104 | .030 |   |
| 8.0  | .205                  | .100 | .028 | .201 | .099 | .028 | .195                             | .098 | .028 | .189 | .096 | .028 | .184 | .094 | .028 |   |
| 9.0  | .190                  | .092 | .026 | .187 | .091 | .026 | .181                             | .090 | .025 | .176 | .088 | .025 | .171 | .087 | .025 |   |
| 10.0 | .176                  | .085 | .023 | .174 | .084 | .023 | .169                             | .083 | .023 | .164 | .082 | .023 | .160 | .080 | .023 |   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0  | .192                  | .155 | .121 | .164 | .133 | .104 | .112                                       | .091 | .072 | .065 | .053 | .042 | .021 | .017 | .014 |   |
| 2.0  | .186                  | .131 | .086 | .159 | .113 | .074 | .109                                       | .078 | .052 | .063 | .046 | .030 | .020 | .015 | .010 |   |
| 3.0  | .178                  | .115 | .064 | .153 | .099 | .056 | .105                                       | .069 | .039 | .061 | .040 | .023 | .019 | .013 | .008 |   |
| 4.0  | .169                  | .102 | .051 | .145 | .088 | .044 | .100                                       | .061 | .031 | .058 | .036 | .018 | .019 | .012 | .006 |   |
| 5.0  | .161                  | .092 | .041 | .138 | .080 | .036 | .095                                       | .056 | .025 | .055 | .033 | .015 | .018 | .011 | .005 |   |
| 6.0  | .152                  | .084 | .035 | .131 | .073 | .030 | .090                                       | .051 | .021 | .052 | .030 | .013 | .017 | .010 | .004 |   |
| 7.0  | .144                  | .077 | .030 | .124 | .067 | .026 | .086                                       | .047 | .019 | .050 | .028 | .011 | .016 | .009 | .004 |   |
| 8.0  | .137                  | .071 | .026 | .118 | .062 | .023 | .081                                       | .043 | .016 | .047 | .026 | .010 | .015 | .008 | .003 |   |
| 9.0  | .130                  | .066 | .023 | .112 | .057 | .020 | .077                                       | .040 | .014 | .045 | .024 | .009 | .015 | .008 | .003 |   |
| 10.0 | .123                  | .062 | .021 | .106 | .054 | .018 | .074                                       | .038 | .013 | .043 | .022 | .008 | .014 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**UGR(Unified Glare Rating) Table**

|   |               |                  |      |      |          |               |                |                  |      |      |      |
|---|---------------|------------------|------|------|----------|---------------|----------------|------------------|------|------|------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |               |                  |      |      |          |               |                |                  |      |      |      |
| NAME: CHROME_DOME_WALL_KIT_RND_BLK_2700K_5W                                     |               |                  |      |      | TYPE:LED |               |                | WEIGHT:          |      |      |      |
| SPEC.:  |               |                  |      |      | DIM.:    |               |                | SERIAL No.:1     |      |      |      |
| MFR.: DARKON  |               |                  |      |      | SUR.:    |               |                | Shielding Angle: |      |      |      |
| ceiling/cavity  | 0.7           | 0.7              | 0.5  | 0.5  | 0.3      | 0.7           | 0.7            | 0.5              | 0.5  | 0.3  |      |
| walls   | 0.5           | 0.3              | 0.5  | 0.3  | 0.3      | 0.5           | 0.3            | 0.5              | 0.3  | 0.3  |      |
| working plane   | 0.2           | 0.2              | 0.2  | 0.2  | 0.2      | 0.2           | 0.2            | 0.2              | 0.2  | 0.2  |      |
| Room dimensions   |               | Viewed crosswise |      |      |          |               | Viewed endwise |                  |      |      |      |
| x = 2H y = 2H   | 2H            | 23.6             | 25.3 | 23.9 | 25.6     | 25.8          | 23.9           | 25.7             | 24.2 | 25.9 | 26.2 |
|   | 3H            | 26.9             | 28.6 | 27.3 | 28.9     | 29.1          | 27.4           | 29.1             | 27.7 | 29.3 | 29.6 |
|   | 4H            | 28.7             | 30.3 | 29.0 | 30.5     | 30.8          | 29.1           | 30.7             | 29.5 | 31.0 | 31.3 |
|   | 6H            | 30.3             | 31.9 | 30.7 | 32.2     | 32.5          | 30.8           | 32.4             | 31.2 | 32.6 | 32.9 |
|   | 8H            | 31.2             | 32.7 | 31.5 | 33.0     | 33.3          | 31.7           | 33.2             | 32.0 | 33.5 | 33.8 |
|   | 12H           | 32.1             | 33.6 | 32.5 | 33.9     | 34.2          | 32.7           | 34.1             | 33.0 | 34.4 | 34.7 |
| 4H  | 2H            | 24.8             | 26.4 | 25.1 | 26.7     | 26.9          | 25.0           | 26.6             | 25.4 | 26.9 | 27.2 |
|   | 3H            | 28.2             | 29.7 | 28.6 | 30.0     | 30.3          | 28.6           | 30.0             | 29.0 | 30.3 | 30.7 |
|   | 4H            | 30.1             | 31.4 | 30.5 | 31.8     | 32.1          | 30.5           | 31.8             | 30.8 | 32.1 | 32.5 |
|   | 6H            | 31.9             | 33.1 | 32.3 | 33.5     | 33.9          | 32.3           | 33.6             | 32.7 | 33.9 | 34.3 |
|   | 8H            | 32.8             | 34.0 | 33.3 | 34.4     | 34.8          | 33.3           | 34.5             | 33.7 | 34.8 | 35.2 |
|   | 12H           | 33.9             | 35.0 | 34.3 | 35.4     | 35.8          | 34.4           | 35.5             | 34.8 | 35.9 | 36.3 |
| 8H  | 4H            | 30.8             | 32.0 | 31.3 | 32.4     | 32.8          | 31.1           | 32.3             | 31.6 | 32.7 | 33.1 |
|   | 6H            | 32.9             | 33.9 | 33.4 | 34.3     | 34.8          | 33.3           | 34.3             | 33.7 | 34.7 | 35.1 |
|   | 8H            | 34.0             | 34.9 | 34.5 | 35.4     | 35.8          | 34.4           | 35.4             | 34.9 | 35.8 | 36.2 |
|   | 12H           | 35.3             | 36.1 | 35.8 | 36.6     | 37.1          | 35.8           | 36.6             | 36.2 | 37.0 | 37.5 |
| 12H   | 4H            | 31.0             | 32.1 | 31.5 | 32.5     | 32.9          | 31.3           | 32.4             | 31.7 | 32.8 | 33.2 |
|   | 6H            | 33.2             | 34.1 | 33.7 | 34.6     | 35.0          | 33.5           | 34.5             | 34.0 | 34.9 | 35.4 |
|   | 8H            | 34.4             | 35.3 | 34.9 | 35.7     | 36.2          | 34.8           | 35.6             | 35.3 | 36.1 | 36.6 |
| Variations with the observer position at spacings:                              |               |                  |      |      |          |               |                |                  |      |      |      |
| S = 1.0H  | + 0.1 / - 0.1 |                  |      |      |          | + 0.1 / - 0.1 |                |                  |      |      |      |
| 1.5H  | + 0.2 / - 0.2 |                  |      |      |          | + 0.2 / - 0.2 |                |                  |      |      |      |
| 2.0H  | + 0.3 / - 0.3 |                  |      |      |          | + 0.3 / - 0.3 |                |                  |      |      |      |

CIE Pub.117, 12.38 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = -15.3$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME_DOME_WALL_KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |

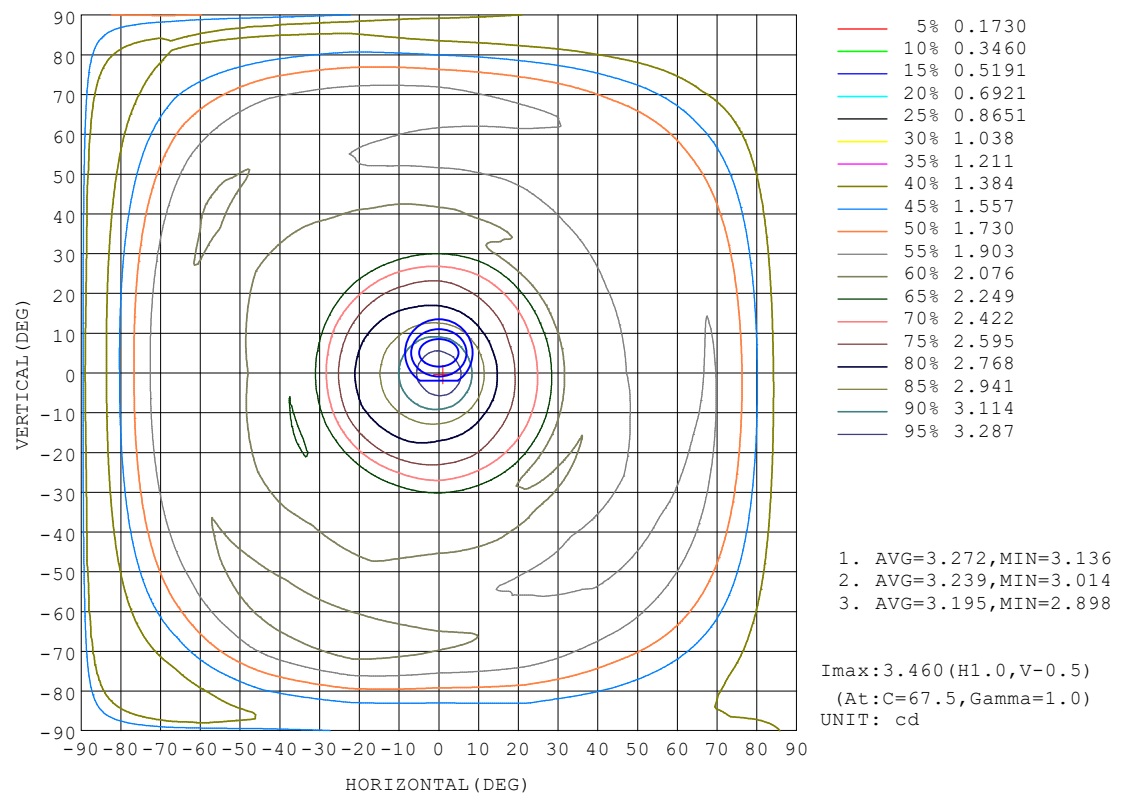
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 50   | 37  | 29        | 49  | 36  | 29  | 48  | 36            | 29  | 21     |
| 0.80                             | 58   | 45  | 36        | 57  | 44  | 36  | 55  | 44            | 36  | 28     |
| 1.00                             | 66   | 52  | 43        | 64  | 52  | 43  | 62  | 54            | 42  | 34     |
| 1.25                             | 73   | 59  | 50        | 71  | 58  | 50  | 68  | 57            | 49  | 40     |
| 1.50                             | 78   | 65  | 56        | 76  | 64  | 55  | 72  | 62            | 54  | 45     |
| 2.00                             | 85   | 73  | 65        | 83  | 72  | 64  | 79  | 70            | 62  | 53     |
| 2.50                             | 90   | 79  | 71        | 88  | 78  | 70  | 83  | 75            | 68  | 58     |
| 3.00                             | 94   | 84  | 76        | 91  | 82  | 75  | 87  | 79            | 73  | 62     |
| 4.00                             | 99   | 90  | 83        | 96  | 89  | 82  | 91  | 85            | 79  | 69     |
| 5.00                             | 102  | 95  | 89        | 100 | 93  | 87  | 94  | 89            | 84  | 73     |
| ROOM INDEX                       | UF(total)  |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME WALL KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |



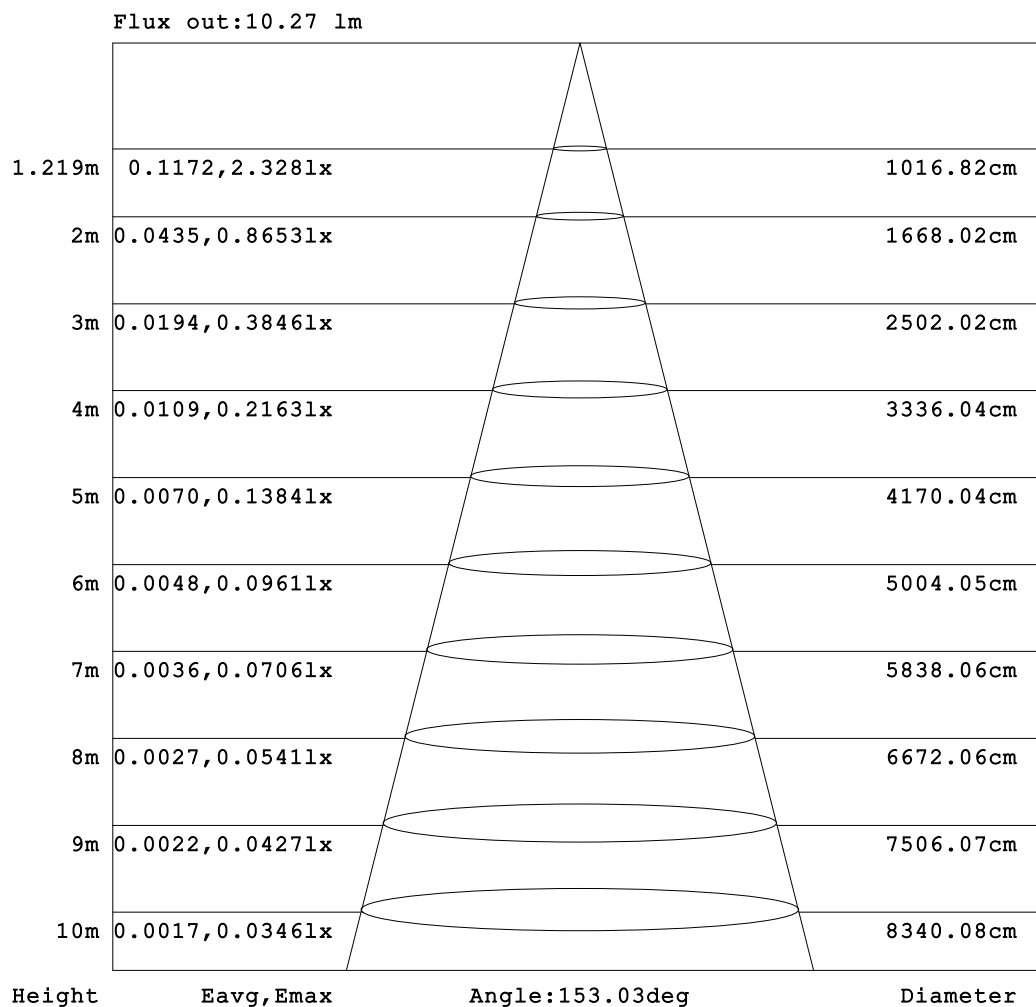
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:



**AAI Figure**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME_WALL_KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |



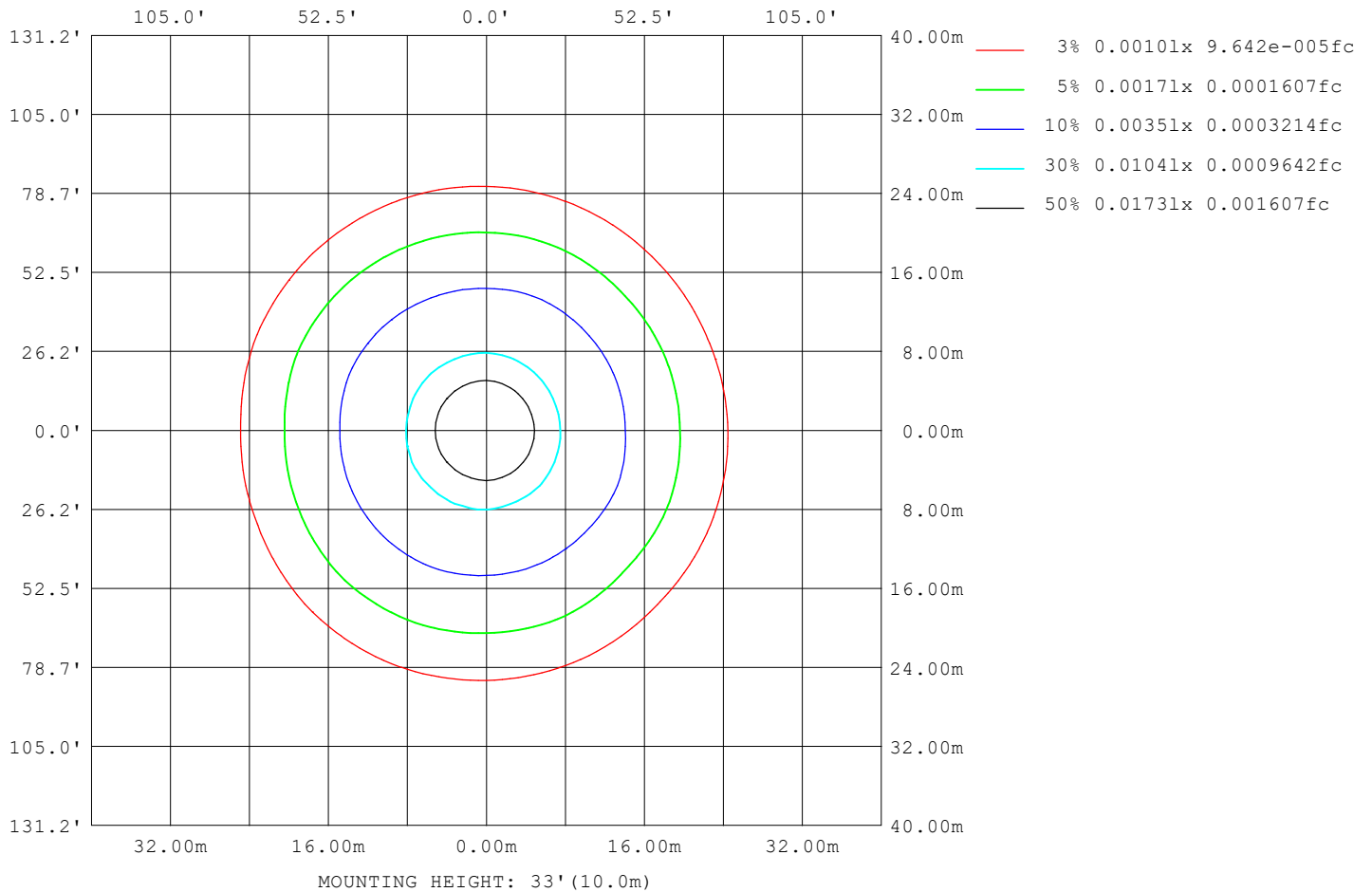
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME WALL KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

**LED Avg.L Report**

|   |          |                  |
|---|----------|------------------|
| Test:U:239.94V I:0.0220A P:5.1539W PF:0.9770 Freq:50.09Hz Lamp Flux:12.383x1 lm |          |                  |
| NAME: CHROME DOME WALL KIT_RND_BLK_2700K_5W                                     | TYPE:LED | WEIGHT:          |
| SPEC.:  | DIM.:    | SERIAL No.:1     |
| MFR.: DARKON  | SUR.:    | Shielding Angle: |

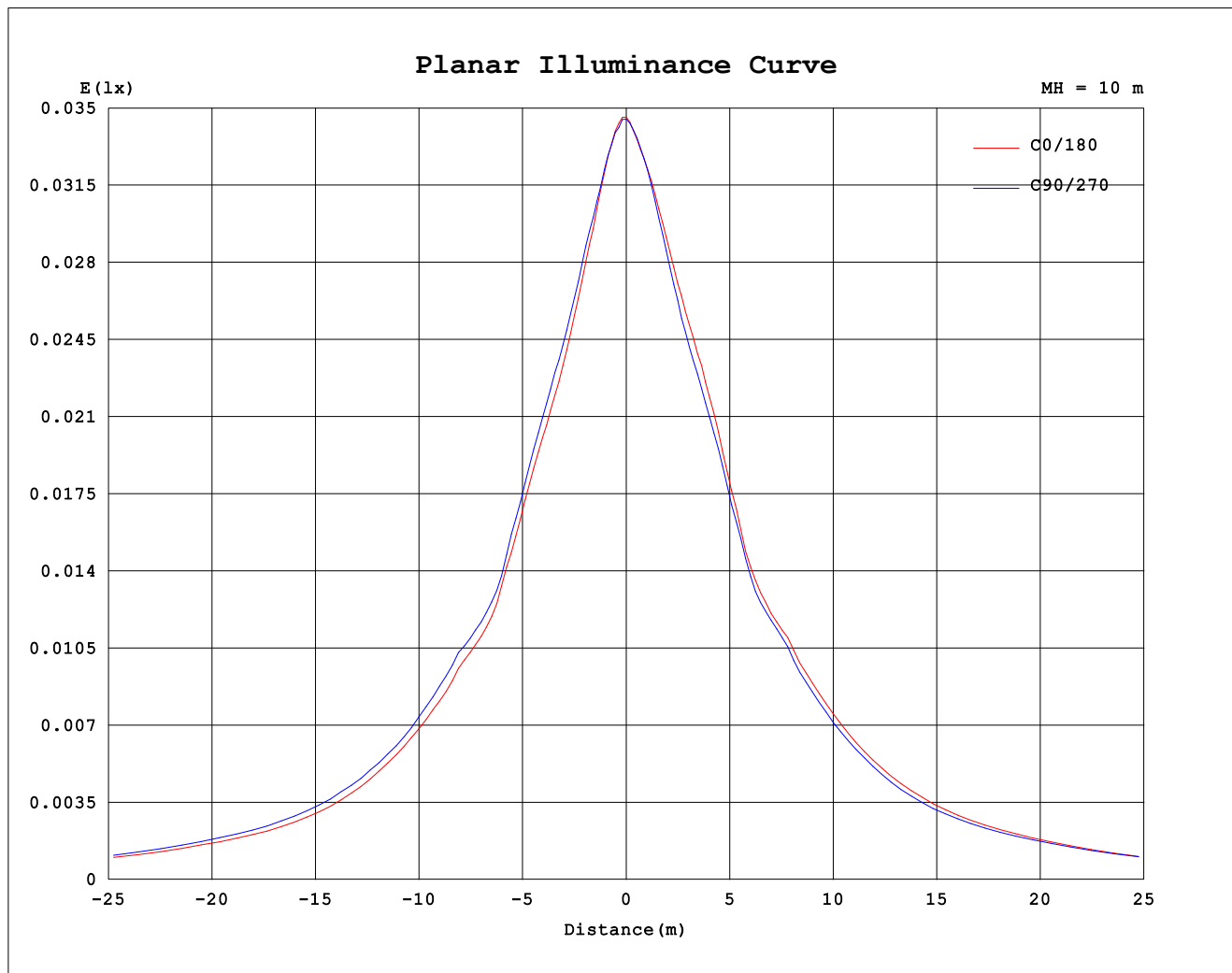
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 410   |
| L_0~180 (75) av  | 612   |
| L_0~180 (85) av  | 1365  |
| L_90~270 (65) av | 424   |
| L_90~270 (75) av | 634   |
| L_90~270 (85) av | 1437  |
| L_45 (65) av     | 421   |
| L_45 (75) av     | 633   |
| L_45 (85) av     | 1425  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:08 November 2019

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:7.220m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: JEFF  
Test Date: 08 November 2019

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 65.0%  
Test Distance: 7.220m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.220m [K=1.0000]
Remarks:

```