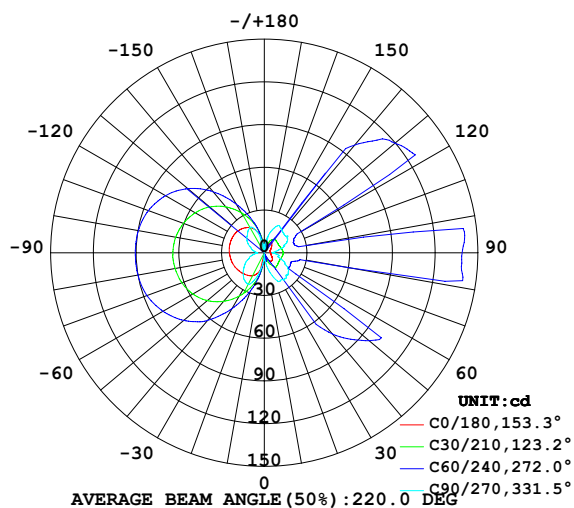


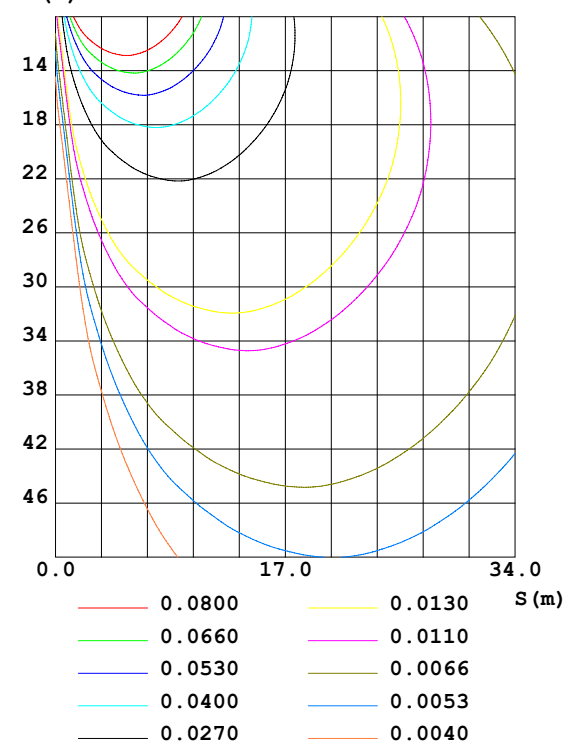


| DATA OF LAMP      |               | PHOTOMETRIC DATA      |         |                  |         | Eff: 51.91 lm/W |
|-------------------|---------------|-----------------------|---------|------------------|---------|-----------------|
| MODEL             | 06.46.0004.03 | I <sub>max</sub> (cd) | 182.2   | S/MH (C0/180)    | 6.77    |                 |
| NOMINAL POWER (W) | 9             | LOR (%)               | 100.0   | S/MH (C90/270)   | 4.46    |                 |
| RATED VOLTAGE (V) | 216           | TOTAL FLUX (lm)       | 471.86  | η UP,DN (C0-180) | 26.5,26 |                 |
| NOMINAL FLUX (lm) | 471.859       | CIE CLASS             | DIFFUSE | UP,DN (C180-360) | 24.7,21 |                 |
| LAMPS INSIDE      | 1             | η up (%)              | 51.3    | CIBSE SHR NOM    | 0.00    |                 |
| TEST VOLTAGE (V)  | 215.7         | η down (%)            | 48.7    | CIBSE SHR MAX    | 1.00    |                 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity: 65.0%  
 Test Distance: 6.970m [K=1.0000]  
 Remarks:



## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ   | C0                    | C45    | C90   | C135  | C180   | C225   | C270  | C315  | γ       | Φ zone  | Φ total | %lum, lamp |
|-----|-----------------------|--------|-------|-------|--------|--------|-------|-------|---------|---------|---------|------------|
| 10  | 10.30                 | 12.76  | 9.525 | 1.520 | 0.9731 | 2.698  | 8.834 | 11.56 | 0- 10   | 0.4476  | 0.4476  | 0.09,0.09  |
| 20  | 15.83                 | 27.38  | 20.37 | 5.927 | 2.896  | 2.767  | 17.83 | 24.00 | 10- 20  | 3.268   | 3.715   | 0.79,0.79  |
| 30  | 18.70                 | 42.62  | 24.70 | 21.00 | 6.243  | 13.37  | 22.71 | 37.02 | 20- 30  | 8.674   | 12.39   | 2.63,2.63  |
| 40  | 20.20                 | 57.89  | 22.66 | 81.06 | 7.579  | 66.66  | 23.40 | 49.03 | 30- 40  | 19.24   | 31.63   | 6.7,6.7    |
| 50  | 21.41                 | 70.41  | 19.25 | 57.81 | 7.423  | 17.42  | 21.96 | 56.68 | 40- 50  | 30.30   | 61.94   | 13.1,13.1  |
| 60  | 22.46                 | 78.51  | 15.59 | 18.64 | 6.373  | 18.09  | 17.72 | 59.10 | 50- 60  | 32.62   | 94.55   | 20,20      |
| 70  | 23.41                 | 83.89  | 11.32 | 19.27 | 5.245  | 18.08  | 12.18 | 62.07 | 60- 70  | 33.70   | 128.3   | 27.2,27.2  |
| 80  | 24.01                 | 86.70  | 8.112 | 130.0 | 4.787  | 135.2  | 10.68 | 68.92 | 70- 80  | 39.16   | 167.4   | 35.5,35.5  |
| 90  | 24.59                 | 87.28  | 4.637 | 149.6 | 4.253  | 168.5  | 5.654 | 75.06 | 80- 90  | 62.56   | 230.0   | 48.7,48.7  |
| 100 | 24.93                 | 85.74  | 7.496 | 99.72 | 4.180  | 154.8  | 9.894 | 78.68 | 90-100  | 63.13   | 293.1   | 62.1,62.1  |
| 110 | 25.01                 | 82.05  | 9.827 | 17.30 | 4.418  | 17.87  | 14.68 | 79.27 | 100-110 | 38.74   | 331.8   | 70.3,70.3  |
| 120 | 24.79                 | 75.45  | 13.36 | 16.85 | 5.331  | 18.02  | 19.06 | 73.65 | 110-120 | 36.28   | 368.1   | 78,78      |
| 130 | 24.09                 | 66.04  | 16.09 | 75.11 | 6.769  | 80.23  | 18.96 | 64.29 | 120-130 | 36.50   | 404.6   | 85.8,85.8  |
| 140 | 22.63                 | 53.41  | 18.32 | 71.99 | 8.234  | 93.63  | 19.88 | 53.49 | 130-140 | 34.43   | 439.1   | 93,93      |
| 150 | 20.53                 | 38.17  | 20.32 | 14.09 | 7.781  | 16.29  | 21.70 | 39.85 | 140-150 | 20.59   | 459.6   | 97.4,97.4  |
| 160 | 16.68                 | 23.97  | 16.27 | 5.424 | 4.855  | 3.304  | 17.67 | 25.29 | 150-160 | 8.644   | 468.3   | 99.2,99.2  |
| 170 | 10.01                 | 9.901  | 7.029 | 1.439 | 1.701  | 3.090  | 9.794 | 11.96 | 160-170 | 3.146   | 471.4   | 99.9,99.9  |
| 180 | 0.7167                | 0.7935 | 1.979 | 1.836 | 0.7090 | 0.7925 | 1.872 | 1.820 | 170-180 | 0.4274  | 471.9   | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |        |       |       |        |        |       |       |         | UNIT:lm |         |            |

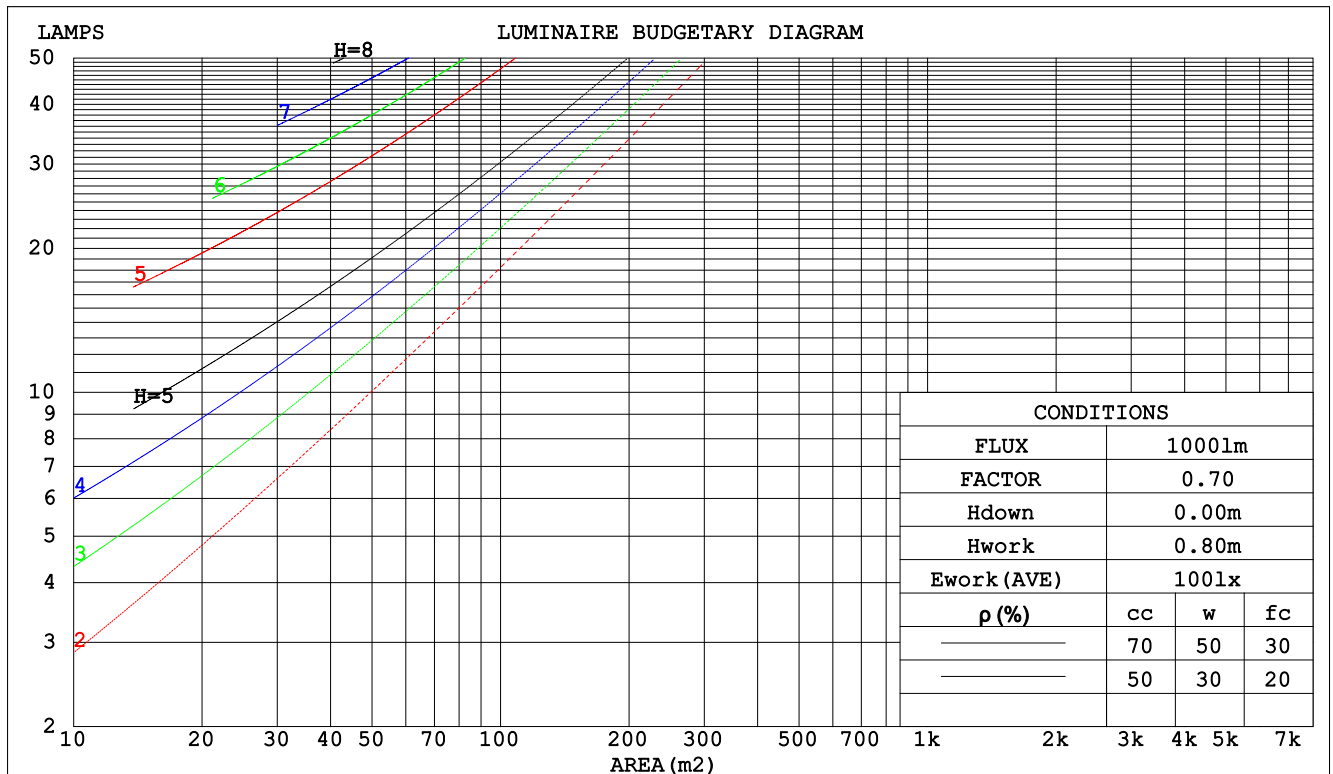
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity:65.0%  
 Test Distance:6.970m [K=1.0000]  
 Remarks:



## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| 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: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity: 65.0%  
 Test Distance: 6.970m [K=1.0000]  
 Remarks:



### WEC AND CCEC

| 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  | .443                  | .252 | .080 | .420 | .240 | .076 | .377                             | .216 | .069 | .338 | .195 | .063 | .302 | .175 | .056 |   |  |
| 2.0  | .358                  | .196 | .060 | .337 | .185 | .057 | .297                             | .165 | .051 | .261 | .147 | .046 | .228 | .129 | .041 |   |  |
| 3.0  | .308                  | .164 | .049 | .288 | .154 | .046 | .253                             | .137 | .042 | .219 | .120 | .037 | .189 | .104 | .032 |   |  |
| 4.0  | .272                  | .141 | .042 | .254 | .133 | .039 | .221                             | .117 | .035 | .191 | .102 | .031 | .162 | .088 | .027 |   |  |
| 5.0  | .244                  | .124 | .036 | .228 | .117 | .034 | .198                             | .103 | .030 | .170 | .090 | .027 | .143 | .077 | .023 |   |  |
| 6.0  | .222                  | .111 | .032 | .207 | .105 | .030 | .179                             | .092 | .027 | .153 | .080 | .023 | .129 | .068 | .020 |   |  |
| 7.0  | .204                  | .101 | .029 | .190 | .095 | .027 | .164                             | .083 | .024 | .140 | .072 | .021 | .117 | .061 | .018 |   |  |
| 8.0  | .188                  | .092 | .026 | .175 | .086 | .024 | .151                             | .076 | .022 | .129 | .065 | .019 | .107 | .055 | .016 |   |  |
| 9.0  | .175                  | .084 | .024 | .163 | .079 | .022 | .140                             | .069 | .020 | .119 | .060 | .017 | .099 | .050 | .015 |   |  |
| 10.0 | .163                  | .078 | .022 | .152 | .073 | .020 | .131                             | .064 | .018 | .111 | .055 | .016 | .092 | .047 | .013 |   |  |

| 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  | .581                  | .581 | .581 | .497 | .497 | .497 | .339                                        | .339 | .339 | .195 | .195 | .195 | .062 | .062 | .062 |   |  |
| 1.0  | .583                  | .549 | .518 | .499 | .471 | .445 | .341                                        | .324 | .308 | .197 | .188 | .179 | .063 | .060 | .058 |   |  |
| 2.0  | .577                  | .528 | .486 | .495 | .455 | .421 | .339                                        | .314 | .293 | .195 | .183 | .172 | .063 | .059 | .056 |   |  |
| 3.0  | .570                  | .513 | .468 | .489 | .443 | .405 | .336                                        | .308 | .284 | .194 | .180 | .168 | .062 | .058 | .055 |   |  |
| 4.0  | .563                  | .502 | .455 | .483 | .434 | .395 | .332                                        | .302 | .279 | .192 | .177 | .165 | .062 | .058 | .054 |   |  |
| 5.0  | .555                  | .493 | .447 | .477 | .426 | .389 | .328                                        | .298 | .274 | .190 | .175 | .163 | .061 | .057 | .054 |   |  |
| 6.0  | .548                  | .486 | .441 | .471 | .421 | .384 | .325                                        | .294 | .272 | .189 | .173 | .161 | .061 | .057 | .053 |   |  |
| 7.0  | .541                  | .480 | .436 | .465 | .416 | .380 | .322                                        | .291 | .270 | .187 | .172 | .160 | .060 | .056 | .053 |   |  |
| 8.0  | .535                  | .474 | .433 | .460 | .412 | .378 | .318                                        | .289 | .268 | .185 | .170 | .160 | .060 | .056 | .053 |   |  |
| 9.0  | .529                  | .470 | .431 | .455 | .408 | .376 | .315                                        | .287 | .267 | .184 | .169 | .159 | .060 | .056 | .053 |   |  |
| 10.0 | .523                  | .466 | .428 | .451 | .405 | .374 | .313                                        | .285 | .266 | .182 | .168 | .159 | .059 | .055 | .053 |   |  |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity:65.0%  
 Test Distance:6.970m [K=1.0000]  
 Remarks:



## Uncorrected UGR Table

|                                                    |                  |      |      |      |      |                |      |      |      |      |
|----------------------------------------------------|------------------|------|------|------|------|----------------|------|------|------|------|
| 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                                      | 17.9             | 19.0 | 18.8 | 19.9 | 21.1 | 19.7           | 20.8 | 20.6 | 21.7 | 22.9 |
| 3H                                                 | 20.3             | 21.3 | 21.2 | 22.2 | 23.4 | 21.8           | 22.8 | 22.7 | 23.8 | 25.0 |
| 4H                                                 | 21.6             | 22.6 | 22.5 | 23.5 | 24.7 | 22.7           | 23.7 | 23.6 | 24.6 | 25.9 |
| 6H                                                 | 23.1             | 24.0 | 24.0 | 25.0 | 26.2 | 23.5           | 24.4 | 24.4 | 25.3 | 26.6 |
| 8H                                                 | 23.9             | 24.8 | 24.9 | 25.8 | 27.0 | 23.8           | 24.6 | 24.7 | 25.6 | 26.9 |
| 12H                                                | 24.9             | 25.7 | 25.8 | 26.7 | 28.0 | 24.1           | 24.9 | 25.0 | 25.9 | 27.1 |
| 4H 2H                                              | 20.7             | 21.7 | 21.6 | 22.6 | 23.9 | 21.7           | 22.7 | 22.6 | 23.6 | 24.8 |
| 3H                                                 | 23.3             | 24.1 | 24.2 | 25.1 | 26.4 | 24.7           | 25.6 | 25.7 | 26.5 | 27.8 |
| 4H                                                 | 24.7             | 25.4 | 25.6 | 26.4 | 27.7 | 26.2           | 26.9 | 27.1 | 27.9 | 29.2 |
| 6H                                                 | 26.1             | 26.8 | 27.1 | 27.8 | 29.1 | 27.3           | 28.0 | 28.3 | 29.0 | 30.3 |
| 8H                                                 | 26.8             | 27.5 | 27.8 | 28.5 | 29.8 | 27.8           | 28.4 | 28.8 | 29.4 | 30.8 |
| 12H                                                | 27.7             | 28.3 | 28.7 | 29.3 | 30.7 | 28.2           | 28.7 | 29.1 | 29.8 | 31.1 |
| 8H 4H                                              | 26.7             | 27.3 | 27.7 | 28.3 | 29.7 | 27.7           | 28.3 | 28.6 | 29.3 | 30.6 |
| 6H                                                 | 28.5             | 29.1 | 29.5 | 30.1 | 31.4 | 29.8           | 30.3 | 30.8 | 31.3 | 32.7 |
| 8H                                                 | 29.5             | 29.9 | 30.5 | 31.0 | 32.3 | 30.7           | 31.2 | 31.7 | 32.3 | 33.6 |
| 12H                                                | 30.4             | 30.9 | 31.5 | 31.9 | 33.3 | 31.5           | 31.9 | 32.5 | 33.0 | 34.4 |
| 12H 4H                                             | 27.2             | 27.8 | 28.2 | 28.8 | 30.2 | 27.9           | 28.5 | 28.9 | 29.5 | 30.8 |
| 6H                                                 | 29.4             | 29.9 | 30.4 | 30.9 | 32.3 | 30.3           | 30.8 | 31.3 | 31.9 | 33.2 |
| 8H                                                 | 30.6             | 31.0 | 31.6 | 32.1 | 33.4 | 31.7           | 32.1 | 32.7 | 33.1 | 34.5 |
| 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 / - 0.4    |      |      |      |      | + 0.4 / - 0.4  |      |      |      |      |

CIE Pub.117 Corrected 471.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.6)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity: 65.0%  
 Test Distance: 6.970m [K=1.0000]  
 Remarks:



## UTILIZATION FACTORS TABLE

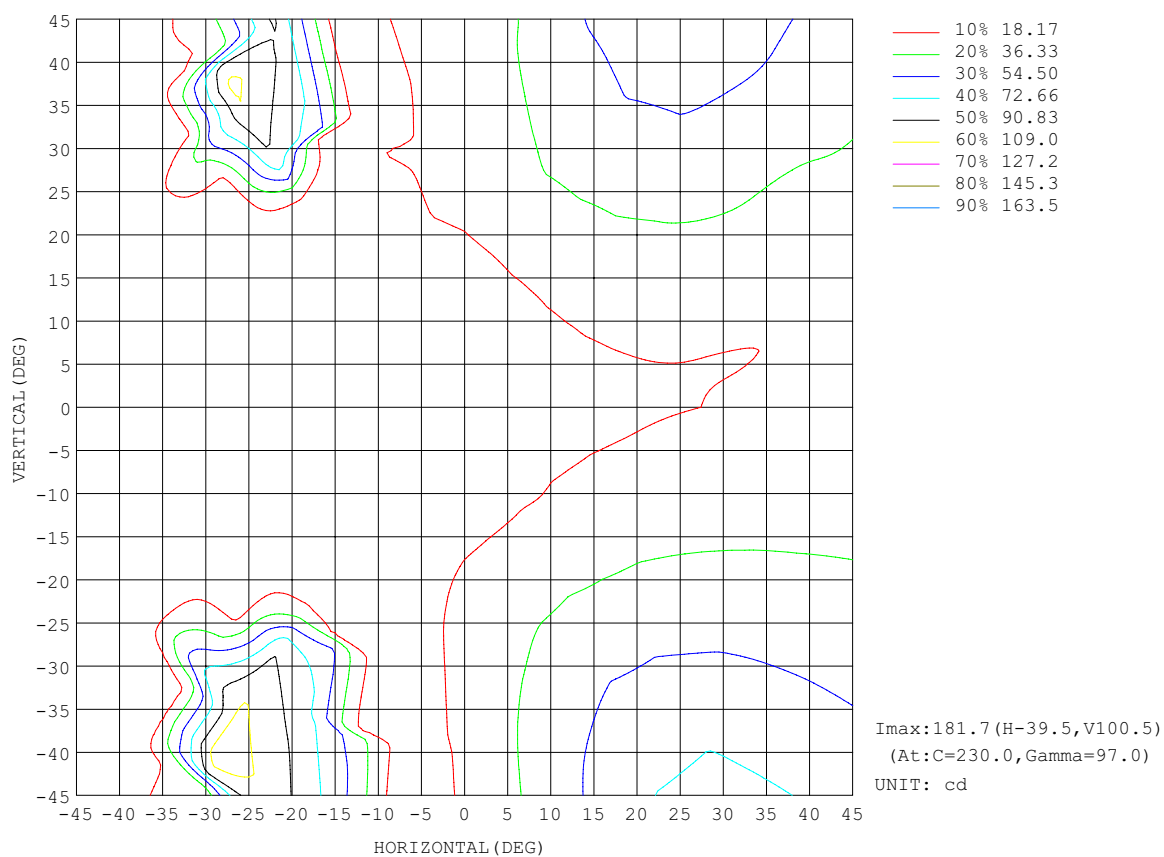
| REFLECTANCE                      |                                                  |     |     |     |     |     |     |     |     |        |
|----------------------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling                          | 0.8                                              | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0      |
| Walls                            | 0.7                                              | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0      |
| Working plane                    | 0.2                                              | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT)    k(RI) x RCR = 5 |     |     |     |     |     |     |     |     |        |
| k = 0.60                         | 34                                               | 21  | 13  | 32  | 20  | 13  | 28  | 18  | 12  | 4      |
| 0.80                             | 42                                               | 28  | 19  | 40  | 27  | 18  | 34  | 24  | 17  | 7      |
| 1.00                             | 50                                               | 35  | 25  | 46  | 33  | 24  | 40  | 31  | 21  | 10     |
| 1.25                             | 56                                               | 42  | 32  | 52  | 39  | 30  | 45  | 34  | 26  | 13     |
| 1.50                             | 62                                               | 47  | 37  | 57  | 44  | 35  | 48  | 38  | 30  | 15     |
| 2.00                             | 69                                               | 56  | 45  | 64  | 52  | 42  | 54  | 44  | 37  | 18     |
| 2.50                             | 74                                               | 61  | 51  | 68  | 57  | 48  | 58  | 49  | 41  | 21     |
| 3.00                             | 78                                               | 66  | 57  | 72  | 61  | 53  | 60  | 52  | 45  | 23     |
| 4.00                             | 84                                               | 73  | 64  | 77  | 68  | 60  | 64  | 57  | 51  | 27     |
| 5.00                             | 87                                               | 78  | 70  | 80  | 72  | 65  | 67  | 60  | 55  | 29     |
| ROOM INDEX                       | UF(total)                                        |     |     |     |     |     |     |     |     | Direct |
| According to DIN EN 13032-2 2004 |                                                  |     |     |     |     |     |     |     |     |        |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2016-10-07

Y Range: 0 - 180DEG  
 Y Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity: 65.0%  
 Test Distance: 6.970m [K=1.0000]  
 Remarks:



### ISOCANDELA DIAGRAM

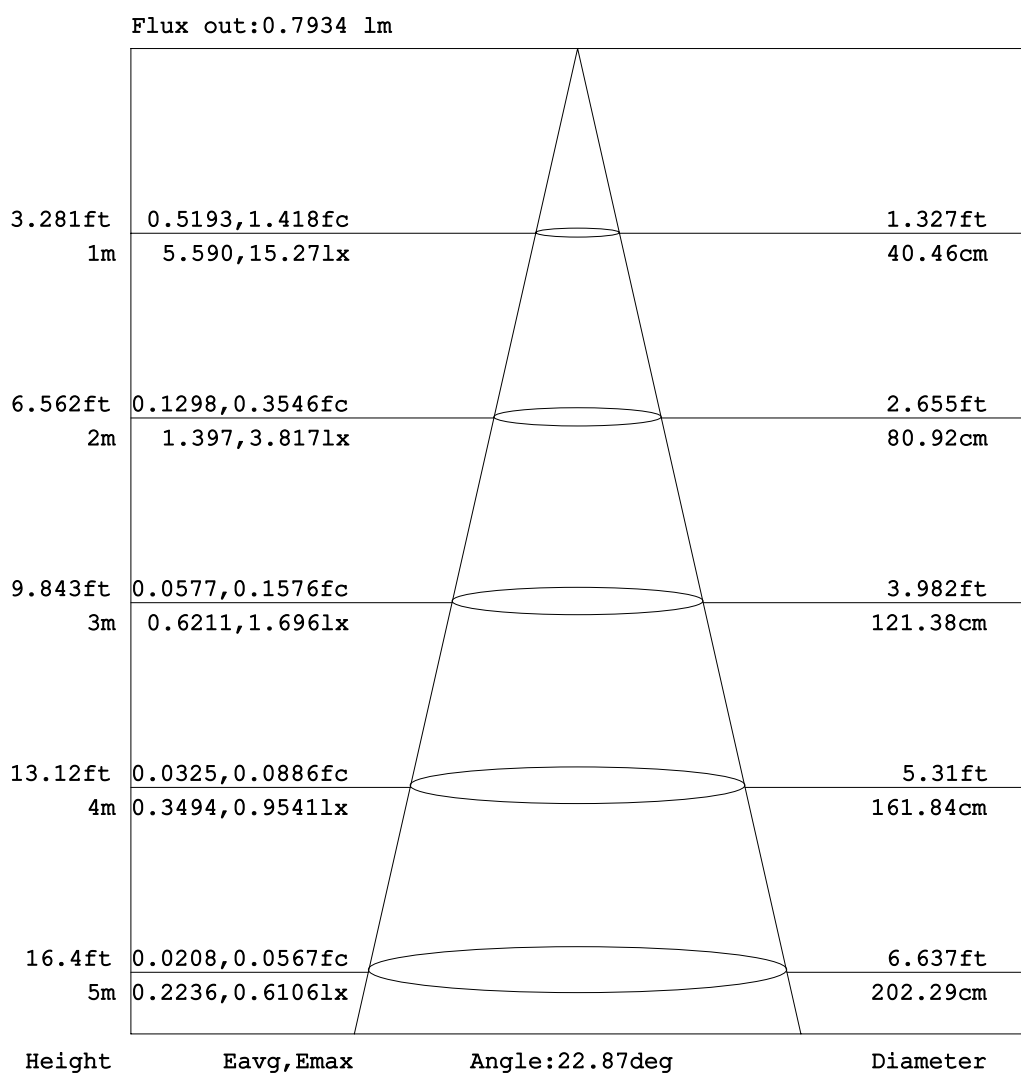


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2016-10-07

Y Range: 0 - 180DEG  
Y Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
Humidity:65.0%  
Test Distance:6.970m [K=1.0000]  
Remarks:



### AAI Figure



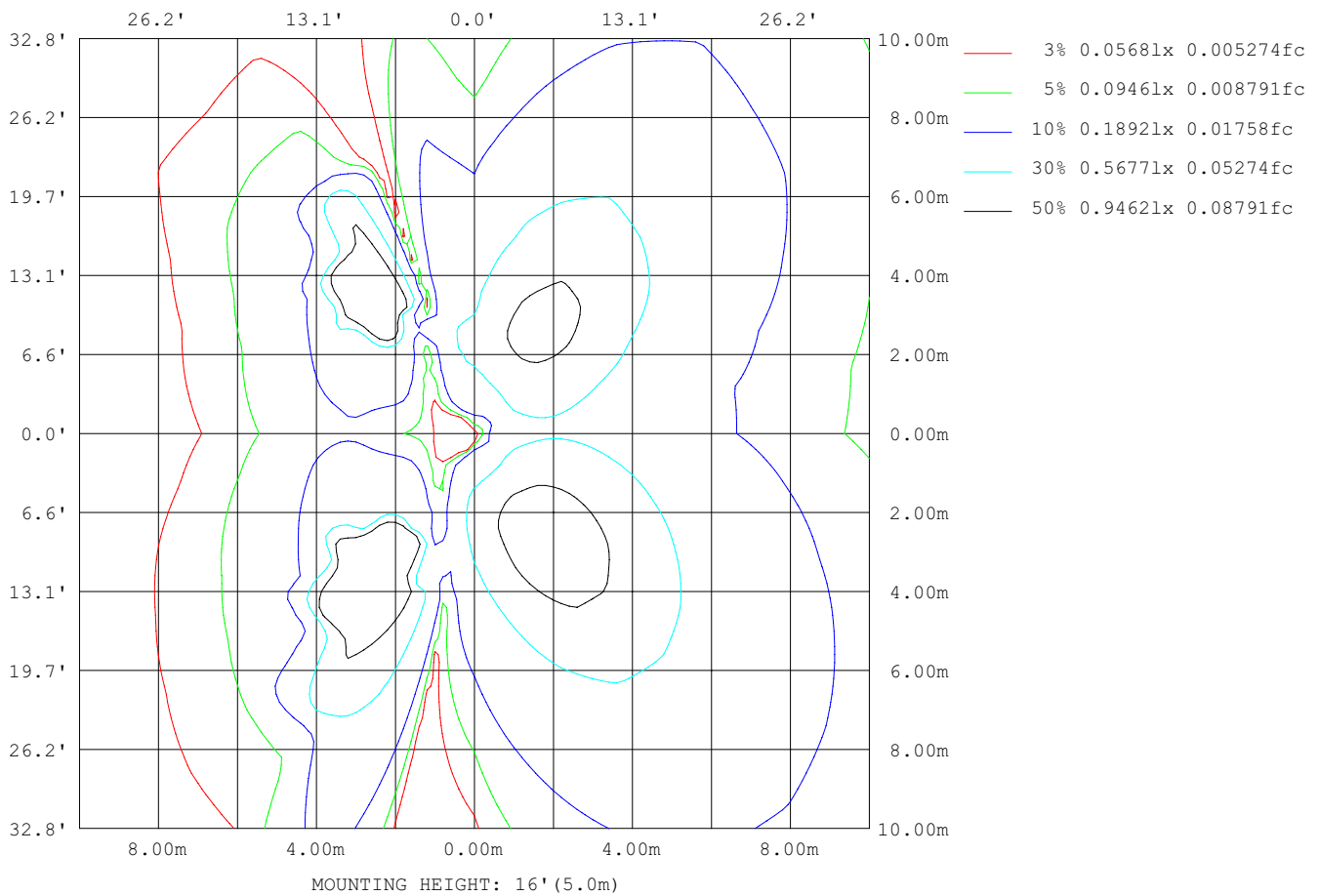
**Note:** The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2016-10-07

Y Range: 0 - 180DEG  
Y Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
Humidity: 65.0%  
Test Distance: 6.970m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2016-10-07

Y Range: 0 - 180DEG  
Y Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
Humidity: 65.0%  
Test Distance: 6.970m [K=1.0000]  
Remarks:



## Average Luminance Table (CIBSE)

| Parameter description for average Luminance            | Symbol | Value         | Unit     |
|--------------------------------------------------------|--------|---------------|----------|
| Luminance in Azimuth Plane                             | Bc     | refer Table 2 | cd/sq.m. |
| Intensity at angle Gamma in given azimuth plane        | I      | from data     | cd/klm   |
| Number of lamps                                        | N      | 1             |          |
| Output of each lamp (initial lumens as specified)      | F      | 471.859       | lm       |
| Multiplying factor                                     | K      | 1             |          |
| Luminous area in horizontal plane used in calculations | A      | 0.008         | sq.m.    |
| Angle to the downward vertical from light centre       | Gamma  | from data     | deg      |

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

| G<br>deg | C plane(deg) |       |       |       |        |        |        |       |       |      |      |       |       |       |       |       |       |      |      |
|----------|--------------|-------|-------|-------|--------|--------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|------|------|
|          | 0            | 10    | 20    | 30    | 40     | 50     | 60     | 70    | 80    | 90   | 100  | 110   | 120   | 130   | 140   | 150   | 160   | 170  | 180  |
| 55       | 4777         | 6873  | 9233  | 12071 | 15149  | 17442  | 17074  | 13143 | 8303  | 3781 | 742  | 15997 | 24372 | 4550  | 3607  | 2930  | 2415  | 1884 | 1513 |
| 60       | 5615         | 8133  | 11003 | 14482 | 18250  | 21006  | 20540  | 15527 | 9513  | 3899 | 962  | 19908 | 6663  | 5199  | 4123  | 3346  | 2739  | 2060 | 1593 |
| 65       | 6799         | 9873  | 13414 | 17744 | 22329  | 25829  | 25225  | 18806 | 11206 | 4054 | 1404 | 24910 | 7039  | 6157  | 4935  | 3987  | 3214  | 2324 | 1706 |
| 70       | 8555         | 12460 | 16964 | 22507 | 28397  | 32919  | 32076  | 23495 | 13606 | 4137 | 1640 | 7581  | 8733  | 7775  | 6312  | 4996  | 3932  | 2734 | 1917 |
| 75       | 11481        | 16728 | 22827 | 30334 | 38298  | 44417  | 43106  | 31070 | 17401 | 4960 | 1812 | 9497  | 12192 | 10962 | 8931  | 6608  | 5161  | 3468 | 2398 |
| 80       | 17286        | 25202 | 34372 | 45812 | 57757  | 67062  | 64881  | 46065 | 24734 | 5839 | 2315 | 15013 | 10136 | 22597 | 6612  | 9748  | 7669  | 5046 | 3446 |
| 85       | 34819        | 50576 | 68928 | 92082 | 115893 | 134250 | 129847 | 91231 | 47362 | 8628 | 4638 | 13806 | 20511 | 25347 | 17687 | 19130 | 15241 | 9884 | 6493 |

Table 2. Average Luminance(cd/sq.m.) for defined C plane, Gamma angle

| CIBSE<br>Category | Gamma<br>(deg) | Average Luminance     |                      | Patch Luminance     |                      |
|-------------------|----------------|-----------------------|----------------------|---------------------|----------------------|
|                   |                | maximum<br>calculated | specified<br>maximum | maximum<br>measured | specified<br>maximum |
| Category 1        | 55 to 90       | 253477                | 200                  | ---                 | 500                  |
| Category 2        | 65 to 90       | 253477                | 200                  | ---                 | 500                  |
| Category 3        | 75 to 90       | 253477                | 200                  | ---                 | 500                  |

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity: 65.0%  
 Test Distance: 6.970m [K=1.0000]  
 Remarks:



## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 0.83 | 0.79 | 0.81 | 0.79 | 0.90 | 0.84 | 1.00 | 0.97 | 1.03 | 1.24 | 1.39 | 1.28 | 1.10 | 1.10 | 1.08 | 1.12 | 1.04 | 1.02 | 0.83 |
| 5                  | 5.60 | 5.42 | 4.88 | 4.83 | 5.31 | 5.44 | 5.59 | 5.38 | 5.31 | 4.97 | 4.30 | 1.23 | 0.51 | 0.45 | 0.50 | 0.54 | 0.54 | 0.51 | 0.46 |
| 10                 | 10.3 | 11.3 | 12.9 | 13.3 | 13.3 | 12.3 | 12.0 | 11.2 | 10.5 | 9.53 | 8.83 | 7.23 | 5.07 | 2.33 | 0.71 | 0.79 | 0.86 | 0.90 | 0.97 |
| 15                 | 13.4 | 15.3 | 17.6 | 19.1 | 20.5 | 20.3 | 20.6 | 19.1 | 17.5 | 15.4 | 12.8 | 7.65 | 3.73 | 1.72 | 2.08 | 2.80 | 3.07 | 2.64 | 2.18 |
| 20                 | 15.8 | 18.7 | 21.9 | 24.5 | 26.9 | 27.8 | 28.6 | 26.7 | 23.7 | 20.4 | 14.5 | 5.95 | 1.98 | 5.02 | 6.84 | 6.77 | 5.69 | 4.28 | 2.90 |
| 25                 | 17.6 | 21.5 | 25.8 | 29.9 | 33.8 | 35.7 | 36.6 | 34.2 | 29.4 | 24.3 | 13.5 | 3.67 | 7.49 | 11.4 | 11.3 | 9.35 | 7.60 | 6.02 | 4.26 |
| 30                 | 18.7 | 23.8 | 29.3 | 35.1 | 41.0 | 44.3 | 45.2 | 40.6 | 32.4 | 24.7 | 10.5 | 6.10 | 15.2 | 28.4 | 13.6 | 11.2 | 9.54 | 8.26 | 6.24 |
| 35                 | 19.5 | 25.7 | 32.5 | 40.0 | 47.9 | 53.1 | 53.5 | 46.8 | 35.1 | 23.9 | 8.22 | 12.0 | 68.3 | 88.9 | 15.7 | 13.3 | 11.9 | 10.4 | 7.39 |
| 40                 | 20.2 | 27.4 | 35.4 | 44.5 | 54.5 | 61.3 | 62.0 | 51.2 | 36.9 | 22.7 | 3.10 | 45.7 | 81.4 | 106  | 56.5 | 14.4 | 12.1 | 10.2 | 7.58 |
| 45                 | 20.8 | 28.9 | 38.0 | 48.6 | 60.3 | 69.0 | 68.4 | 55.2 | 37.6 | 21.1 | 2.94 | 58.0 | 93.2 | 118  | 16.8 | 14.0 | 11.7 | 9.65 | 7.69 |
| 50                 | 21.4 | 30.3 | 40.3 | 52.2 | 65.3 | 75.5 | 73.9 | 58.3 | 38.0 | 19.2 | 3.14 | 66.4 | 104  | 98.9 | 16.7 | 13.7 | 11.4 | 9.14 | 7.42 |
| 55                 | 21.9 | 31.5 | 42.4 | 55.4 | 69.5 | 80.0 | 78.3 | 60.3 | 38.1 | 17.3 | 3.41 | 73.4 | 112  | 20.9 | 16.6 | 13.4 | 11.1 | 8.64 | 6.94 |
| 60                 | 22.5 | 32.5 | 44.0 | 57.9 | 73.0 | 84.0 | 82.2 | 62.1 | 38.1 | 15.6 | 3.85 | 79.6 | 26.7 | 20.8 | 16.5 | 13.4 | 11.0 | 8.24 | 6.37 |
| 65                 | 23.0 | 33.4 | 45.4 | 60.0 | 75.5 | 87.3 | 85.3 | 63.6 | 37.9 | 13.7 | 4.75 | 84.2 | 23.8 | 20.8 | 16.7 | 13.5 | 10.9 | 7.86 | 5.77 |
| 70                 | 23.4 | 34.1 | 46.4 | 61.6 | 77.7 | 90.1 | 87.8 | 64.3 | 37.2 | 11.3 | 4.49 | 20.7 | 23.9 | 21.3 | 17.3 | 13.7 | 10.8 | 7.48 | 5.25 |
| 75                 | 23.8 | 34.6 | 47.3 | 62.8 | 79.3 | 92.0 | 89.3 | 64.3 | 36.0 | 10.3 | 3.75 | 19.7 | 25.2 | 22.7 | 18.5 | 13.7 | 10.7 | 7.18 | 4.96 |
| 80                 | 24.0 | 35.0 | 47.7 | 63.6 | 80.2 | 93.2 | 90.1 | 64.0 | 34.4 | 8.11 | 3.22 | 20.9 | 141  | 175  | 85.0 | 13.5 | 10.7 | 7.01 | 4.79 |
| 85                 | 24.3 | 35.3 | 48.1 | 64.2 | 80.8 | 93.6 | 90.5 | 63.6 | 33.0 | 6.02 | 3.23 | 96.3 | 143  | 177  | 123  | 13.3 | 10.6 | 6.89 | 4.53 |
| 90                 | 24.6 | 35.5 | 48.2 | 64.2 | 80.7 | 93.8 | 90.6 | 63.5 | 32.6 | 4.64 | 3.65 | 99.5 | 145  | 177  | 122  | 13.2 | 10.5 | 6.75 | 4.25 |
| 95                 | 24.8 | 35.5 | 48.1 | 63.9 | 80.4 | 93.2 | 90.4 | 63.6 | 33.0 | 5.93 | 3.94 | 99.2 | 145  | 177  | 120  | 13.1 | 10.3 | 6.59 | 4.14 |
| 100                | 24.9 | 35.4 | 47.7 | 63.2 | 79.3 | 92.2 | 89.8 | 64.1 | 34.4 | 7.50 | 4.18 | 21.2 | 130  | 82.0 | 117  | 12.9 | 10.2 | 6.61 | 4.18 |
| 105                | 25.0 | 35.1 | 47.0 | 62.0 | 77.8 | 90.6 | 88.6 | 64.3 | 35.7 | 9.09 | 4.66 | 21.5 | 24.4 | 20.0 | 15.3 | 12.7 | 9.96 | 6.69 | 4.34 |
| 110                | 25.0 | 34.8 | 46.0 | 60.5 | 75.6 | 88.5 | 86.7 | 63.8 | 36.3 | 9.83 | 4.85 | 23.4 | 23.8 | 19.5 | 15.1 | 12.5 | 9.87 | 6.82 | 4.42 |
| 115                | 24.9 | 34.2 | 44.8 | 58.5 | 72.9 | 85.2 | 83.7 | 62.7 | 36.4 | 11.7 | 4.92 | 97.2 | 23.6 | 19.1 | 14.8 | 12.3 | 9.86 | 6.95 | 4.80 |
| 120                | 24.8 | 33.5 | 43.3 | 56.2 | 69.7 | 81.2 | 80.2 | 60.9 | 36.3 | 13.4 | 4.54 | 94.4 | 48.0 | 18.9 | 14.8 | 12.3 | 9.91 | 7.13 | 5.33 |
| 125                | 24.5 | 32.6 | 41.5 | 53.4 | 65.9 | 76.3 | 75.7 | 58.5 | 35.9 | 14.9 | 4.20 | 90.3 | 126  | 19.1 | 14.8 | 12.3 | 9.98 | 7.43 | 6.00 |
| 130                | 24.1 | 31.5 | 39.4 | 50.1 | 61.4 | 70.7 | 70.1 | 55.5 | 35.2 | 16.1 | 3.99 | 85.9 | 119  | 135  | 15.1 | 12.5 | 10.0 | 7.76 | 6.77 |
| 135                | 23.5 | 30.0 | 37.0 | 46.4 | 56.2 | 64.2 | 63.6 | 51.2 | 33.9 | 17.1 | 3.93 | 80.5 | 111  | 135  | 38.1 | 12.6 | 10.2 | 8.06 | 7.51 |
| 140                | 22.6 | 28.4 | 34.3 | 42.2 | 50.1 | 56.7 | 56.0 | 46.4 | 32.3 | 18.3 | 4.51 | 18.0 | 101  | 124  | 20.5 | 12.8 | 10.4 | 8.44 | 8.23 |
| 145                | 21.7 | 26.4 | 31.4 | 37.5 | 43.3 | 48.4 | 47.8 | 41.0 | 30.0 | 19.5 | 29.9 | 10.1 | 89.8 | 86.0 | 14.7 | 12.5 | 10.6 | 8.98 | 8.97 |
| 150                | 20.5 | 24.3 | 28.1 | 32.6 | 36.3 | 40.0 | 39.5 | 35.3 | 27.3 | 20.3 | 25.7 | 5.21 | 12.5 | 15.0 | 13.2 | 11.2 | 9.52 | 8.10 | 7.78 |
| 155                | 18.9 | 21.7 | 24.6 | 27.6 | 29.6 | 32.1 | 31.5 | 28.8 | 23.9 | 19.5 | 10.9 | 3.37 | 6.13 | 9.98 | 10.9 | 9.64 | 8.09 | 6.62 | 6.24 |
| 160                | 16.7 | 18.5 | 20.6 | 22.3 | 23.2 | 24.7 | 24.0 | 22.2 | 19.0 | 16.3 | 11.3 | 5.56 | 2.33 | 4.74 | 6.11 | 6.65 | 6.06 | 5.05 | 4.85 |
| 165                | 13.7 | 14.6 | 16.1 | 17.0 | 17.1 | 17.9 | 17.1 | 15.9 | 13.9 | 12.3 | 9.54 | 5.96 | 3.50 | 1.92 | 2.20 | 3.08 | 3.32 | 3.19 | 3.67 |
| 170                | 10.0 | 10.3 | 11.1 | 10.8 | 9.90 | 9.90 | 8.82 | 8.11 | 7.33 | 7.03 | 6.48 | 5.19 | 3.81 | 2.03 | 0.85 | 0.96 | 1.05 | 1.10 | 1.70 |
| 175                | 5.61 | 4.30 | 2.96 | 3.05 | 3.29 | 3.55 | 3.61 | 3.70 | 3.60 | 3.59 | 3.21 | 1.31 | 0.58 | 0.40 | 0.46 | 0.51 | 0.54 | 0.50 | 0.90 |
| 180                | 0.72 | 0.70 | 0.67 | 0.67 | 0.74 | 0.85 | 1.04 | 1.15 | 1.28 | 1.98 | 2.20 | 2.05 | 1.84 | 1.86 | 1.81 | 1.81 | 1.65 | 1.56 | 0.71 |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity:65.0%  
 Test Distance:6.970m [K=1.0000]  
 Remarks:



## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                  | 0.79 | 0.81 | 0.79 | 0.90 | 0.84 | 1.00 | 0.97 | 1.03 | 1.24 | 1.39 | 1.28 | 1.10 | 1.10 | 1.08 | 1.12 | 1.04 | 1.02 |  |  |
| 5                  | 0.41 | 0.59 | 0.82 | 0.97 | 1.01 | 1.45 | 3.24 | 4.42 | 4.51 | 4.38 | 4.37 | 4.24 | 4.25 | 3.93 | 3.76 | 4.29 | 5.46 |  |  |
| 10                 | 0.93 | 0.77 | 0.73 | 1.40 | 3.99 | 5.91 | 7.83 | 8.51 | 8.83 | 9.01 | 9.38 | 9.98 | 11.3 | 11.8 | 12.1 | 11.4 | 10.4 |  |  |
| 15                 | 2.38 | 2.38 | 1.76 | 1.32 | 2.92 | 5.94 | 10.6 | 12.7 | 13.3 | 14.5 | 16.3 | 17.4 | 18.2 | 17.9 | 17.2 | 15.6 | 13.8 |  |  |
| 20                 | 3.81 | 4.79 | 5.04 | 3.83 | 1.70 | 3.86 | 10.7 | 16.6 | 17.8 | 20.5 | 23.6 | 25.0 | 24.9 | 23.1 | 21.2 | 18.9 | 16.4 |  |  |
| 25                 | 5.36 | 6.81 | 8.15 | 8.69 | 6.14 | 1.56 | 8.83 | 19.7 | 21.9 | 26.3 | 31.0 | 32.6 | 31.9 | 28.8 | 25.1 | 21.5 | 17.8 |  |  |
| 30                 | 7.35 | 8.80 | 9.94 | 11.4 | 15.3 | 5.20 | 17.3 | 20.5 | 22.7 | 30.4 | 38.2 | 40.3 | 39.3 | 34.7 | 28.9 | 23.2 | 17.7 |  |  |
| 35                 | 8.48 | 10.8 | 12.2 | 13.1 | 82.9 | 14.1 | 1.58 | 18.9 | 23.3 | 33.4 | 43.5 | 47.7 | 46.0 | 40.6 | 32.2 | 23.6 | 18.2 |  |  |
| 40                 | 8.72 | 10.8 | 13.0 | 32.6 | 101  | 74.5 | 3.18 | 19.1 | 23.4 | 36.5 | 47.9 | 54.7 | 52.8 | 45.2 | 34.0 | 24.4 | 18.9 |  |  |
| 45                 | 8.98 | 10.3 | 12.7 | 15.5 | 115  | 85.9 | 2.99 | 21.8 | 22.1 | 38.2 | 53.4 | 61.3 | 58.4 | 48.1 | 35.2 | 26.4 | 19.3 |  |  |
| 50                 | 8.63 | 9.82 | 12.4 | 15.6 | 19.2 | 96.1 | 2.65 | 24.8 | 22.0 | 40.2 | 56.8 | 66.7 | 62.1 | 51.3 | 38.4 | 27.7 | 20.8 |  |  |
| 55                 | 8.21 | 9.44 | 12.1 | 16.4 | 18.8 | 68.4 | 3.22 | 27.8 | 20.6 | 38.9 | 58.7 | 70.9 | 63.5 | 51.9 | 39.9 | 28.6 | 22.6 |  |  |
| 60                 | 7.83 | 9.05 | 12.1 | 16.9 | 19.3 | 20.1 | 4.66 | 30.7 | 17.7 | 37.8 | 61.1 | 73.0 | 63.7 | 54.5 | 41.3 | 29.6 | 24.0 |  |  |
| 65                 | 7.48 | 8.83 | 12.1 | 17.8 | 18.2 | 20.3 | 8.26 | 31.8 | 15.7 | 36.2 | 59.0 | 73.9 | 64.5 | 56.5 | 41.9 | 31.0 | 24.9 |  |  |
| 70                 | 7.20 | 8.85 | 12.3 | 17.2 | 18.9 | 20.0 | 6.49 | 33.4 | 12.2 | 33.6 | 57.4 | 73.5 | 66.9 | 57.2 | 43.1 | 31.8 | 25.9 |  |  |
| 75                 | 6.97 | 8.86 | 12.7 | 47.6 | 20.0 | 22.8 | 5.43 | 32.3 | 10.1 | 32.1 | 56.8 | 75.5 | 69.5 | 60.3 | 44.9 | 33.1 | 26.9 |  |  |
| 80                 | 6.82 | 8.97 | 13.0 | 98.4 | 172  | 61.0 | 3.68 | 14.2 | 10.7 | 32.3 | 55.7 | 76.3 | 74.9 | 62.9 | 46.5 | 34.9 | 26.9 |  |  |
| 85                 | 6.92 | 9.18 | 13.2 | 155  | 177  | 139  | 3.01 | 16.1 | 7.86 | 31.5 | 54.2 | 82.0 | 79.9 | 65.5 | 47.5 | 35.9 | 27.0 |  |  |
| 90                 | 7.05 | 9.32 | 13.4 | 157  | 180  | 139  | 2.97 | 41.2 | 5.65 | 31.4 | 54.1 | 83.0 | 82.7 | 67.4 | 50.3 | 37.8 | 27.7 |  |  |
| 95                 | 6.92 | 9.37 | 13.1 | 158  | 181  | 141  | 3.14 | 41.8 | 7.43 | 33.3 | 52.7 | 83.7 | 82.6 | 70.0 | 53.2 | 39.6 | 28.3 |  |  |
| 100                | 6.89 | 9.36 | 12.7 | 150  | 160  | 24.6 | 3.61 | 37.1 | 9.89 | 35.6 | 54.5 | 85.1 | 85.3 | 72.0 | 55.2 | 40.6 | 28.5 |  |  |
| 105                | 6.90 | 9.25 | 12.3 | 16.9 | 20.3 | 21.9 | 5.47 | 14.3 | 13.0 | 37.2 | 56.8 | 85.8 | 87.4 | 73.3 | 55.9 | 40.7 | 28.7 |  |  |
| 110                | 6.92 | 9.12 | 12.0 | 16.1 | 19.7 | 21.6 | 9.86 | 44.4 | 14.7 | 39.0 | 58.3 | 86.0 | 85.5 | 73.1 | 55.7 | 40.6 | 28.8 |  |  |
| 115                | 7.05 | 8.97 | 11.7 | 16.3 | 18.7 | 22.8 | 9.32 | 43.8 | 17.6 | 39.4 | 59.3 | 84.2 | 84.0 | 70.8 | 54.5 | 39.7 | 28.9 |  |  |
| 120                | 7.22 | 9.02 | 11.5 | 17.0 | 19.0 | 26.7 | 7.81 | 43.8 | 19.1 | 40.7 | 58.6 | 80.8 | 79.4 | 67.9 | 52.5 | 39.1 | 28.7 |  |  |
| 125                | 7.53 | 9.21 | 11.6 | 15.5 | 20.3 | 125  | 7.05 | 42.8 | 20.4 | 38.7 | 57.2 | 76.3 | 74.6 | 64.1 | 50.2 | 37.9 | 28.3 |  |  |
| 130                | 8.07 | 9.45 | 11.7 | 16.0 | 144  | 120  | 5.21 | 41.7 | 19.0 | 38.4 | 55.6 | 70.0 | 68.8 | 59.8 | 47.1 | 36.4 | 27.5 |  |  |
| 135                | 8.73 | 9.76 | 11.9 | 116  | 137  | 112  | 4.72 | 40.1 | 19.4 | 36.0 | 50.9 | 63.4 | 62.5 | 55.2 | 44.0 | 34.5 | 26.6 |  |  |
| 140                | 9.41 | 10.3 | 12.1 | 62.9 | 124  | 98.8 | 3.51 | 38.6 | 19.9 | 33.9 | 47.2 | 57.2 | 56.8 | 50.1 | 40.8 | 32.5 | 25.4 |  |  |
| 145                | 9.88 | 10.1 | 11.5 | 14.8 | 108  | 12.6 | 3.50 | 37.7 | 20.9 | 32.8 | 43.1 | 51.2 | 50.0 | 44.4 | 37.1 | 30.3 | 24.2 |  |  |
| 150                | 8.42 | 8.77 | 10.5 | 13.5 | 19.1 | 5.38 | 47.6 | 36.9 | 21.7 | 30.5 | 37.4 | 41.9 | 41.8 | 37.9 | 32.8 | 27.7 | 22.7 |  |  |
| 155                | 6.87 | 7.54 | 8.94 | 9.34 | 5.67 | 2.78 | 10.1 | 18.6 | 20.6 | 25.9 | 30.0 | 32.7 | 32.7 | 31.2 | 28.2 | 24.5 | 20.8 |  |  |
| 160                | 5.05 | 5.21 | 5.15 | 4.12 | 2.49 | 5.66 | 10.9 | 16.3 | 17.7 | 20.5 | 22.9 | 24.9 | 25.4 | 25.2 | 23.1 | 20.7 | 18.0 |  |  |
| 165                | 3.10 | 2.70 | 1.74 | 1.84 | 4.35 | 7.07 | 10.4 | 12.9 | 13.8 | 15.6 | 16.9 | 18.4 | 18.9 | 19.0 | 17.9 | 16.5 | 14.6 |  |  |
| 170                | 1.11 | 0.75 | 0.79 | 1.56 | 4.62 | 6.88 | 8.68 | 9.52 | 9.79 | 10.4 | 10.6 | 11.2 | 11.6 | 12.3 | 12.1 | 11.7 | 10.6 |  |  |
| 175                | 0.54 | 0.36 | 0.83 | 1.15 | 1.58 | 2.58 | 4.08 | 6.14 | 6.10 | 6.16 | 5.96 | 5.95 | 5.82 | 5.69 | 5.24 | 5.09 | 5.49 |  |  |
| 180                | 0.71 | 0.67 | 0.68 | 0.73 | 0.85 | 1.04 | 1.14 | 1.33 | 1.87 | 2.31 | 1.98 | 1.85 | 1.83 | 1.81 | 1.77 | 1.65 | 1.54 |  |  |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2016-10-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V1.0.260  
 Humidity:65.0%  
 Test Distance:6.970m [K=1.0000]  
 Remarks: