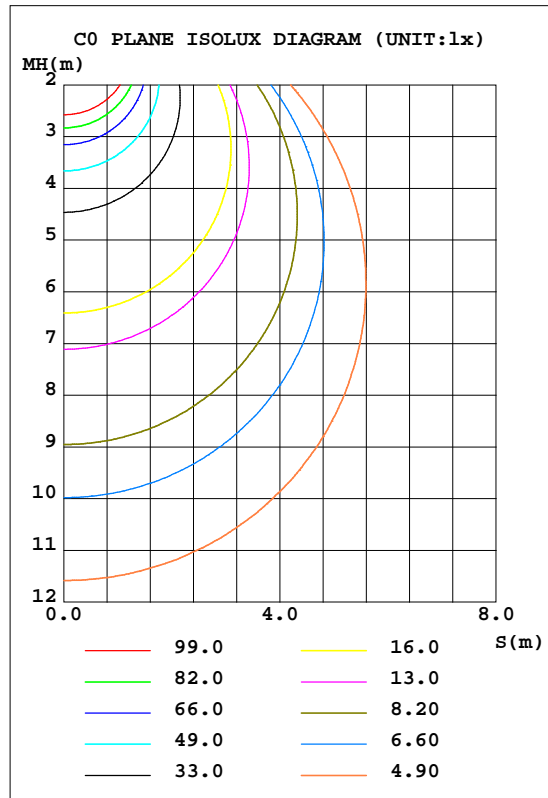
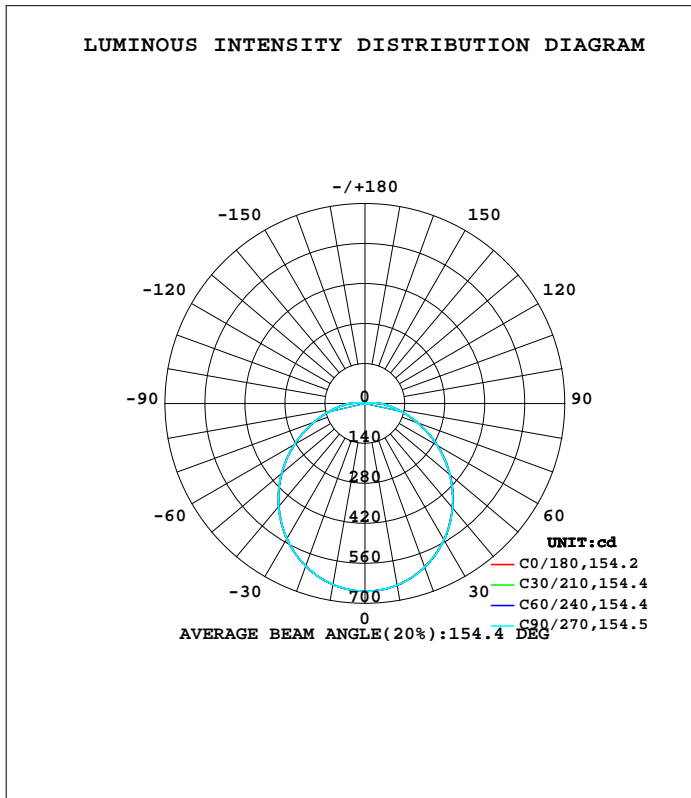


LUMINAIRE PHOTOMETRIC TEST REPORT

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |

| DATA OF LAMP     |               | PHOTOMETRIC DATA      |        |                    |          | Eff: 80.79 lm/W |
|------------------|---------------|-----------------------|--------|--------------------|----------|-----------------|
| MODEL            | DLS10-MCT-PIR | I <sub>max</sub> (cd) | 657.9  | S/MH(C0/180)       | 1.24     |                 |
| NOMINAL POWER(W) | 25            | LOR(%)                | 100.0  | S/MH(C90/270)      | 1.24     |                 |
| RATED VOLTAGE(V) | 120           | TOTAL FLUX(lm)        | 1993.1 | h UP, DN(C0-180)   | 1.2,49.1 |                 |
| NOMINAL FLUX(lm) | 1993.07       | CIE CLASS             | DIRECT | h UP, DN(C180-360) | 1.2,48.5 |                 |
| LAMPS INSIDE     | 1             | h up(%)               | 2.4    | CIBSE SHR NOM      | 1.25     |                 |
| TEST VOLTAGE(V)  | 120           | h down(%)             | 97.6   | CIBSE SHR MAX      | 1.35     |                 |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| g   | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | g       | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|--------|---------|-----------|
| 10  | 645.9                 | 647.2 | 645.9 | 645.7 | 644.5 | 644.2 | 643.9 | 644.6 | 0- 10   | 62.18  | 62.18   | 3.12,3.12 |
| 20  | 609.6                 | 611.8 | 609.9 | 609.5 | 606.9 | 606.2 | 606.2 | 607.9 | 10- 20  | 177.7  | 239.8   | 12,12     |
| 30  | 551.8                 | 555.0 | 552.6 | 551.2 | 548.1 | 546.6 | 547.2 | 549.1 | 20- 30  | 268.0  | 507.9   | 25.5,25.5 |
| 40  | 475.9                 | 479.8 | 477.0 | 475.2 | 472.1 | 469.3 | 470.5 | 473.2 | 30- 40  | 321.5  | 829.4   | 41.6,41.6 |
| 50  | 387.0                 | 390.7 | 388.2 | 386.1 | 382.4 | 379.5 | 380.9 | 383.6 | 40- 50  | 332.2  | 1162    | 58.3,58.3 |
| 60  | 290.4                 | 294.2 | 291.5 | 289.4 | 285.6 | 282.3 | 284.5 | 287.0 | 50- 60  | 301.3  | 1463    | 73.4,73.4 |
| 70  | 194.1                 | 197.2 | 195.1 | 193.6 | 190.2 | 187.4 | 189.3 | 191.3 | 60- 70  | 237.1  | 1700    | 85.3,85.3 |
| 80  | 110.7                 | 114.4 | 112.5 | 112.4 | 109.7 | 108.1 | 109.7 | 110.0 | 70- 80  | 158.2  | 1858    | 93.2,93.2 |
| 90  | 50.80                 | 49.08 | 52.55 | 49.32 | 51.63 | 50.64 | 51.44 | 50.76 | 80- 90  | 86.16  | 1944    | 97.6,97.6 |
| 100 | 15.44                 | 2.561 | 10.76 | 1.568 | 16.51 | 1.362 | 11.25 | 3.332 | 90-100  | 31.71  | 1976    | 99.1,99.1 |
| 110 | 3.028                 | 2.494 | 2.522 | 2.442 | 2.811 | 2.308 | 2.334 | 2.266 | 100-110 | 3.824  | 1980    | 99.3,99.3 |
| 120 | 3.881                 | 3.460 | 3.694 | 3.696 | 4.270 | 3.398 | 3.261 | 3.415 | 110-120 | 3.021  | 1983    | 99.5,99.5 |
| 130 | 4.603                 | 2.996 | 4.538 | 2.522 | 4.748 | 2.531 | 4.159 | 2.494 | 120-130 | 3.428  | 1986    | 99.7,99.7 |
| 140 | 3.149                 | 3.054 | 4.683 | 2.200 | 3.179 | 1.915 | 3.938 | 2.584 | 130-140 | 2.766  | 1989    | 99.8,99.8 |
| 150 | 3.585                 | 2.463 | 2.973 | 2.164 | 2.640 | 1.979 | 3.042 | 2.336 | 140-150 | 1.801  | 1991    | 99.9,99.9 |
| 160 | 3.014                 | 2.709 | 2.642 | 3.053 | 2.224 | 2.728 | 2.710 | 2.655 | 150-160 | 1.260  | 1992    | 100,100   |
| 170 | 1.935                 | 2.103 | 2.105 | 2.151 | 1.941 | 1.483 | 1.601 | 2.212 | 160-170 | 0.7028 | 1993    | 100,100   |
| 180 | 1.774                 | 1.838 | 1.748 | 1.881 | 1.772 | 1.842 | 1.744 | 1.885 | 170-180 | 0.1841 | 1993    | 100,100   |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       | UNIT:lm |        |         |           |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|  |                  |      |      |      |       |                |      |                  |      |      |
|--|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |                  |      |      |      |       |                |      |                  |      |      |
| NAME: DLS10-MCT-PIR  |                  |      |      |      | TYPE: |                |      | WEIGHT:          |      |      |
| SPEC.:25W  |                  |      |      |      | DIM.: |                |      | SERIAL No.:      |      |      |
| MFR.: LiBo   |                  |      |      |      | 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  | 13.3             | 14.8 | 13.6 | 15.0 | 15.3  | 13.3           | 14.8 | 13.6             | 15.0 | 15.3 |
| 3H   | 14.9             | 16.3 | 15.3 | 16.6 | 16.9  | 15.0           | 16.4 | 15.3             | 16.6 | 16.9 |
| 4H   | 15.7             | 17.1 | 16.1 | 17.3 | 17.7  | 15.7           | 17.1 | 16.1             | 17.4 | 17.7 |
| 6H   | 16.4             | 17.7 | 16.8 | 18.0 | 18.4  | 16.5           | 17.8 | 16.9             | 18.1 | 18.4 |
| 8H   | 16.8             | 18.0 | 17.2 | 18.4 | 18.7  | 16.9           | 18.1 | 17.2             | 18.4 | 18.8 |
| 12H  | 17.2             | 18.3 | 17.6 | 18.7 | 19.1  | 17.2           | 18.4 | 17.6             | 18.8 | 19.1 |
| 4H 2H  | 13.9             | 15.2 | 14.3 | 15.5 | 15.9  | 13.9           | 15.3 | 14.3             | 15.6 | 15.9 |
| 3H   | 15.8             | 17.0 | 16.2 | 17.3 | 17.7  | 15.8           | 17.0 | 16.2             | 17.3 | 17.7 |
| 4H   | 16.7             | 17.8 | 17.1 | 18.2 | 18.6  | 16.7           | 17.8 | 17.2             | 18.2 | 18.6 |
| 6H   | 17.6             | 18.6 | 18.1 | 19.0 | 19.4  | 17.7           | 18.6 | 18.1             | 19.0 | 19.5 |
| 8H   | 18.1             | 19.0 | 18.5 | 19.4 | 19.8  | 18.1           | 19.0 | 18.6             | 19.4 | 19.9 |
| 12H  | 18.5             | 19.4 | 19.0 | 19.8 | 20.3  | 18.6           | 19.4 | 19.1             | 19.9 | 20.3 |
| 8H 4H  | 17.1             | 18.0 | 17.5 | 18.4 | 18.8  | 17.1           | 18.0 | 17.6             | 18.4 | 18.9 |
| 6H   | 18.2             | 19.0 | 18.7 | 19.4 | 19.9  | 18.3           | 19.0 | 18.7             | 19.5 | 20.0 |
| 8H   | 18.8             | 19.5 | 19.3 | 20.0 | 20.5  | 18.9           | 19.6 | 19.4             | 20.0 | 20.5 |
| 12H  | 19.5             | 20.1 | 20.0 | 20.6 | 21.1  | 19.6           | 20.1 | 20.1             | 20.6 | 21.2 |
| 12H 4H   | 17.1             | 18.0 | 17.6 | 18.4 | 18.9  | 17.2           | 18.0 | 17.6             | 18.4 | 18.9 |
| 6H   | 18.4             | 19.0 | 18.9 | 19.5 | 20.0  | 18.4           | 19.1 | 18.9             | 19.6 | 20.1 |
| 8H   | 19.1             | 19.6 | 19.6 | 20.1 | 20.7  | 19.1           | 19.7 | 19.6             | 20.2 | 20.7 |
| Variations with the observer position at spacings:                               |                  |      |      |      |       |                |      |                  |      |      |
| S = 1.0H   | + 0.1 / - 0.2    |      |      |      |       | + 0.1 / - 0.2  |      |                  |      |      |
| 1.5H   | + 0.2 / - 0.3    |      |      |      |       | + 0.2 / - 0.3  |      |                  |      |      |
| 2.0H   | + 0.1 / - 0.3    |      |      |      |       | + 0.1 / - 0.3  |      |                  |      |      |

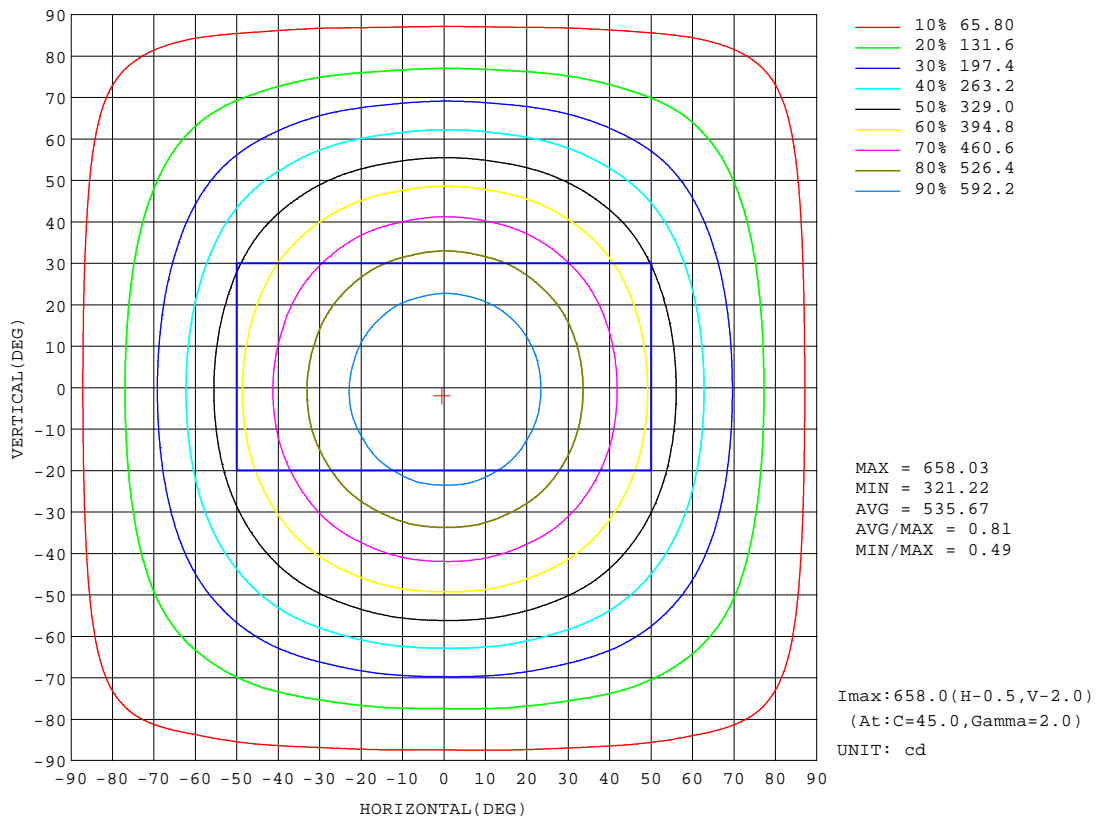
CIE Pub.117, 1993 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.4)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |



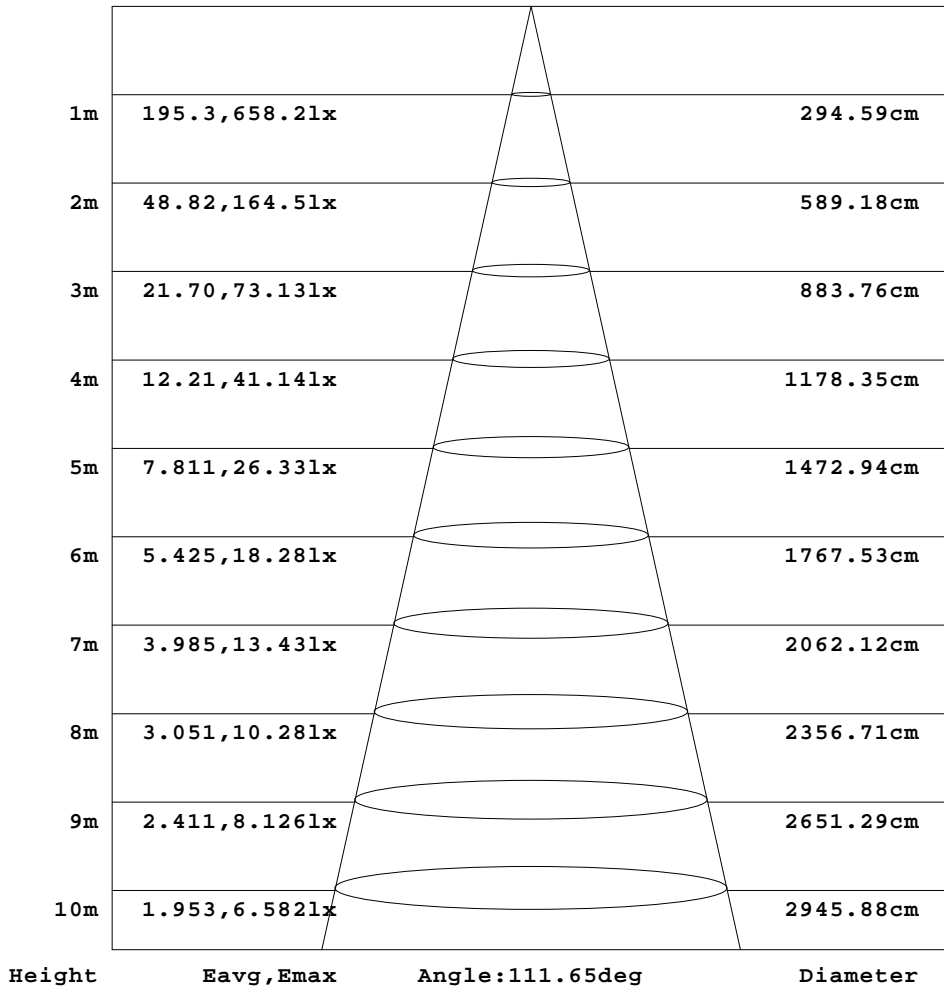
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

AAI Figure

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |

Flux out:1348 lm



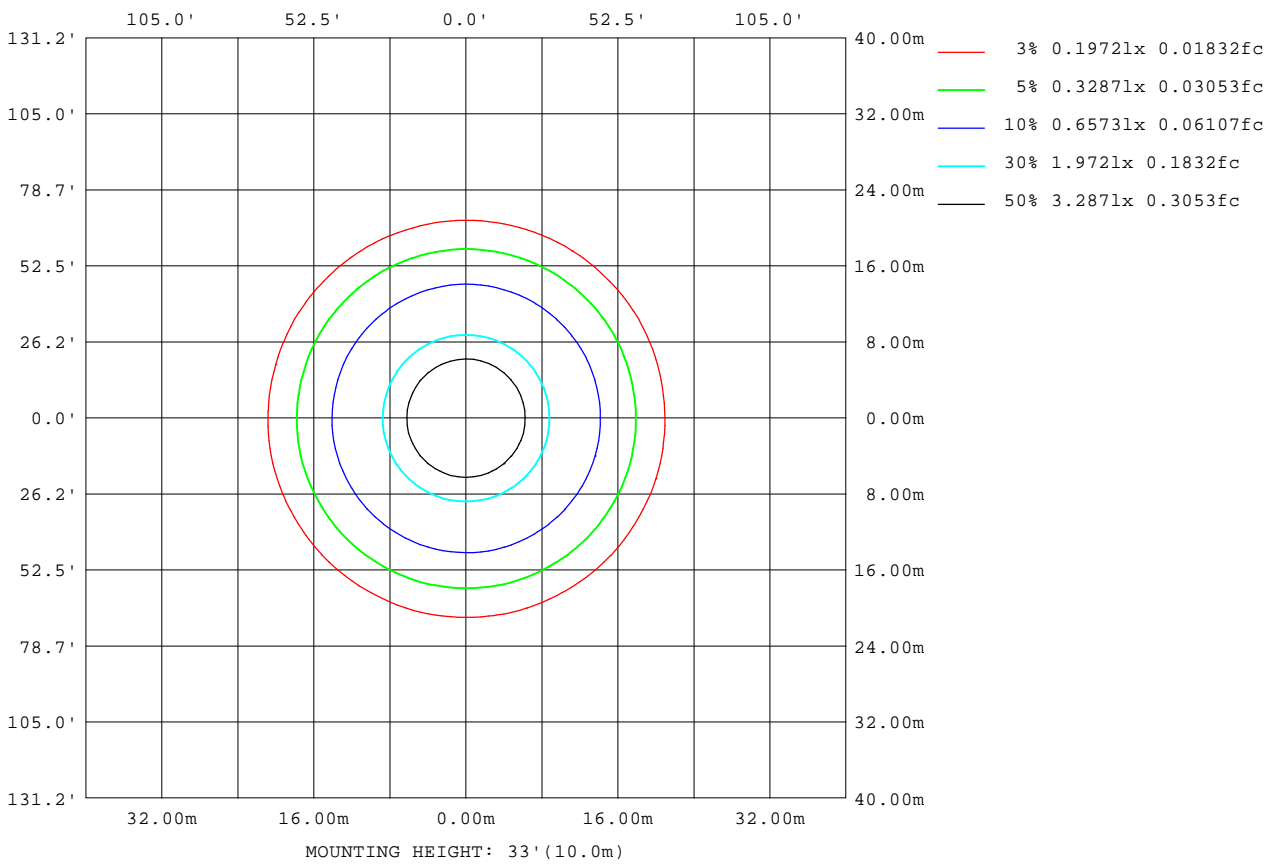
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

LED Avg.L Report

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |

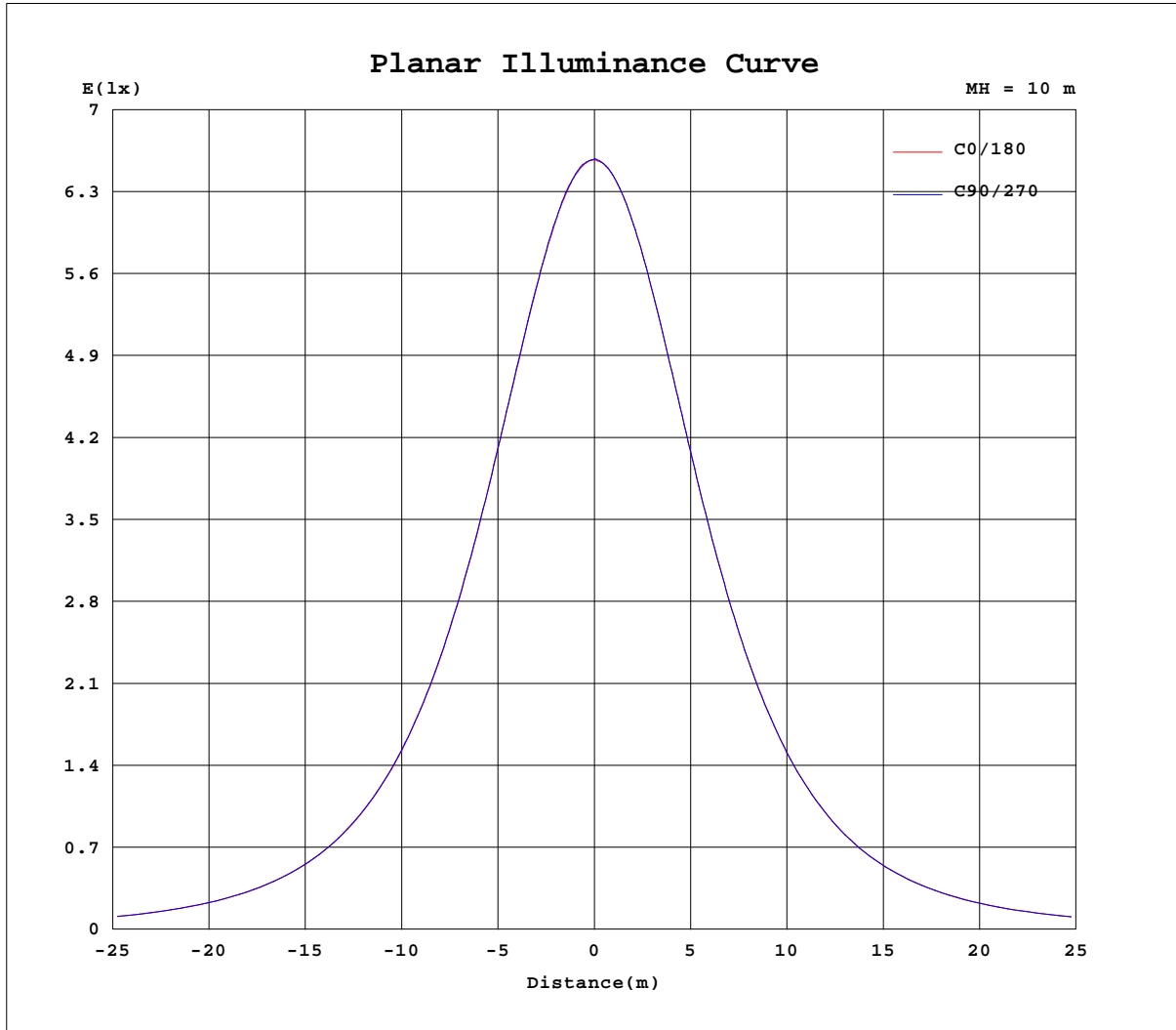
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 1132  |
| L_0~180(75)av  | 1148  |
| L_0~180(85)av  | 1781  |
| L_90~270(65)av | 1131  |
| L_90~270(75)av | 1153  |
| L_90~270(85)av | 1795  |
| L_45(65)av     | 1133  |
| L_45(75)av     | 1153  |
| L_45(85)av     | 1796  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 3.010m [K=1.0000]  
 Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG)<br>g (DEG) | 0    | 15   | 30   | 45   | 60   | 75   | 90   | 105  | 120  | 135  | 150  | 165  | 180  | 195  | 210  | 225  | 240  | 255  | 270  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  | 658  |
| 5                 | 655  | 655  | 655  | 655  | 655  | 655  | 655  | 655  | 655  | 655  | 654  | 654  | 654  | 653  | 654  | 654  | 654  | 654  | 654  |
| 10                | 646  | 646  | 646  | 647  | 647  | 647  | 646  | 646  | 646  | 646  | 644  | 645  | 645  | 644  | 644  | 644  | 644  | 643  | 644  |
| 15                | 631  | 631  | 631  | 632  | 632  | 632  | 631  | 631  | 631  | 630  | 629  | 629  | 629  | 628  | 628  | 628  | 628  | 627  | 628  |
| 20                | 610  | 610  | 611  | 612  | 611  | 612  | 610  | 611  | 610  | 610  | 608  | 608  | 607  | 606  | 606  | 606  | 606  | 606  | 606  |
| 25                | 583  | 584  | 584  | 586  | 584  | 586  | 584  | 584  | 583  | 583  | 581  | 581  | 580  | 579  | 579  | 579  | 578  | 578  | 579  |
| 30                | 552  | 553  | 553  | 555  | 553  | 555  | 553  | 553  | 552  | 551  | 549  | 549  | 548  | 546  | 547  | 547  | 546  | 546  | 547  |
| 35                | 515  | 518  | 518  | 519  | 517  | 519  | 517  | 517  | 515  | 515  | 513  | 513  | 512  | 510  | 511  | 510  | 510  | 510  | 511  |
| 40                | 476  | 478  | 478  | 480  | 477  | 479  | 477  | 477  | 476  | 475  | 473  | 473  | 472  | 470  | 471  | 469  | 470  | 469  | 470  |
| 45                | 433  | 435  | 435  | 437  | 435  | 436  | 434  | 434  | 432  | 432  | 430  | 430  | 428  | 426  | 427  | 426  | 426  | 426  | 427  |
| 50                | 387  | 389  | 389  | 391  | 389  | 391  | 388  | 388  | 386  | 386  | 383  | 383  | 382  | 380  | 381  | 379  | 380  | 379  | 381  |
| 55                | 339  | 342  | 341  | 343  | 341  | 343  | 340  | 340  | 338  | 338  | 335  | 336  | 334  | 332  | 333  | 331  | 332  | 332  | 333  |
| 60                | 290  | 293  | 292  | 294  | 292  | 294  | 292  | 292  | 289  | 289  | 286  | 287  | 286  | 283  | 284  | 282  | 283  | 282  | 285  |
| 65                | 241  | 244  | 243  | 245  | 243  | 245  | 242  | 243  | 240  | 241  | 238  | 238  | 237  | 235  | 235  | 234  | 235  | 234  | 236  |
| 70                | 194  | 196  | 195  | 197  | 196  | 197  | 195  | 196  | 193  | 194  | 191  | 191  | 190  | 188  | 189  | 187  | 188  | 187  | 189  |
| 75                | 150  | 152  | 151  | 153  | 152  | 154  | 152  | 152  | 150  | 150  | 148  | 148  | 147  | 145  | 147  | 145  | 146  | 145  | 147  |
| 80                | 111  | 113  | 112  | 114  | 113  | 114  | 112  | 113  | 111  | 112  | 110  | 110  | 110  | 108  | 109  | 108  | 109  | 108  | 110  |
| 85                | 77.5 | 79.3 | 78.4 | 80.4 | 79.2 | 80.8 | 79.0 | 80.0 | 78.4 | 79.5 | 77.3 | 78.5 | 77.8 | 76.3 | 77.7 | 76.2 | 77.3 | 76.1 | 77.5 |
| 90                | 50.8 | 48.2 | 47.7 | 49.1 | 51.9 | 53.3 | 52.5 | 52.9 | 51.8 | 49.3 | 48.0 | 49.0 | 51.6 | 51.2 | 51.4 | 50.6 | 51.1 | 51.0 | 51.4 |
| 95                | 29.9 | 27.7 | 24.5 | 28.3 | 30.7 | 32.1 | 31.8 | 32.1 | 30.5 | 27.5 | 23.5 | 28.3 | 32.1 | 31.1 | 28.5 | 25.0 | 30.4 | 31.0 | 31.5 |
| 100               | 15.4 | 14.7 | 8.24 | 2.56 | 6.25 | 9.97 | 10.8 | 9.81 | 6.16 | 1.57 | 6.94 | 15.0 | 16.5 | 13.8 | 5.53 | 1.36 | 5.69 | 9.50 | 11.3 |
| 105               | 7.55 | 7.36 | 4.58 | 1.99 | 2.05 | 1.99 | 2.00 | 2.02 | 2.24 | 2.01 | 2.02 | 2.13 | 1.90 | 1.88 | 1.78 | 1.84 | 2.23 | 1.91 | 1.82 |
| 110               | 3.03 | 2.70 | 2.59 | 2.49 | 2.54 | 2.49 | 2.52 | 2.65 | 2.67 | 2.44 | 2.46 | 2.68 | 2.81 | 2.45 | 2.36 | 2.31 | 2.29 | 2.32 | 2.33 |
| 115               | 3.29 | 3.30 | 3.25 | 2.98 | 2.91 | 3.03 | 3.11 | 3.05 | 2.99 | 3.16 | 3.26 | 3.47 | 3.48 | 3.22 | 2.98 | 2.80 | 2.76 | 2.76 | 2.82 |
| 120               | 3.88 | 3.97 | 3.90 | 3.46 | 3.45 | 3.48 | 3.69 | 3.56 | 3.50 | 3.70 | 3.98 | 4.54 | 4.27 | 4.24 | 3.47 | 3.40 | 3.25 | 3.19 | 3.26 |
| 125               | 4.33 | 4.30 | 4.38 | 3.23 | 3.84 | 4.30 | 4.08 | 4.19 | 4.01 | 3.76 | 3.52 | 4.29 | 4.44 | 4.24 | 3.76 | 2.92 | 3.46 | 3.41 | 3.78 |
| 130               | 4.60 | 4.52 | 3.76 | 3.00 | 3.89 | 4.75 | 4.54 | 4.37 | 4.18 | 2.52 | 3.57 | 4.46 | 4.75 | 4.61 | 3.26 | 2.53 | 3.18 | 3.74 | 4.16 |
| 135               | 4.20 | 3.65 | 2.97 | 2.76 | 3.97 | 5.14 | 5.26 | 4.80 | 4.24 | 2.47 | 3.26 | 3.96 | 4.31 | 3.67 | 2.70 | 2.34 | 3.24 | 3.72 | 3.89 |
| 140               | 3.15 | 3.12 | 2.62 | 3.05 | 3.21 | 4.64 | 4.68 | 4.62 | 4.10 | 2.20 | 2.24 | 3.56 | 3.18 | 3.07 | 2.21 | 1.92 | 2.84 | 3.53 | 3.94 |
| 145               | 2.77 | 2.77 | 2.87 | 2.71 | 3.42 | 3.63 | 4.19 | 3.94 | 3.43 | 2.18 | 2.22 | 2.61 | 2.47 | 2.18 | 2.08 | 1.88 | 2.84 | 3.31 | 3.48 |
| 150               | 3.58 | 2.95 | 2.92 | 2.46 | 2.52 | 2.51 | 2.97 | 2.72 | 2.05 | 2.16 | 2.29 | 2.41 | 2.64 | 1.97 | 2.14 | 1.98 | 2.17 | 2.06 | 3.04 |
| 155               | 3.63 | 3.12 | 3.18 | 3.46 | 2.73 | 3.13 | 3.10 | 2.85 | 2.72 | 2.77 | 2.88 | 2.60 | 2.55 | 2.26 | 2.62 | 2.73 | 2.92 | 3.08 | 2.92 |
| 160               | 3.01 | 3.01 | 2.80 | 2.71 | 2.87 | 2.96 | 2.64 | 3.47 | 2.68 | 3.05 | 2.61 | 2.79 | 2.22 | 2.23 | 2.35 | 2.73 | 2.29 | 2.91 | 2.71 |
| 165               | 2.77 | 2.32 | 2.59 | 2.93 | 2.62 | 3.41 | 2.87 | 2.43 | 2.09 | 2.78 | 2.50 | 2.49 | 2.94 | 1.87 | 1.80 | 1.91 | 2.35 | 3.07 | 2.51 |
| 170               | 1.94 | 1.80 | 2.07 | 2.10 | 1.82 | 1.99 | 2.11 | 2.15 | 1.95 | 2.15 | 2.29 | 1.93 | 1.94 | 1.79 | 1.56 | 1.48 | 1.54 | 1.61 | 1.60 |
| 175               | 2.03 | 2.00 | 1.93 | 1.77 | 1.71 | 1.76 | 1.90 | 1.89 | 1.93 | 2.13 | 2.02 | 1.96 | 2.00 | 1.90 | 1.50 | 1.61 | 1.65 | 1.62 | 1.70 |
| 180               | 1.77 | 1.77 | 1.79 | 1.84 | 1.77 | 1.72 | 1.75 | 1.75 | 1.81 | 1.88 | 1.87 | 1.80 | 1.77 | 1.77 | 1.79 | 1.84 | 1.77 | 1.73 | 1.74 |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-05-27

g Range: 0 - 180DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:3.010m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |       |                  |
|--|-------|------------------|
| Test:U:119.92V I:0.2222A P:24.670W PF:0.9259 Freq:59.98Hz Lamp Flux:1993.07x1 lm |       |                  |
| NAME: DLS10-MCT-PIR  | TYPE: | WEIGHT:          |
| SPEC.:25W  | DIM.: | SERIAL No.:      |
| MFR.: LiBo   | SUR.: | Shielding Angle: |

Table--2 UNIT: cd

| C(DEG)<br>g (DEG) | 285  | 300  | 315  | 330  | 345  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                 | 658  | 658  | 658  | 658  | 658  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                 | 654  | 654  | 654  | 655  | 654  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                | 643  | 645  | 645  | 645  | 645  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                | 628  | 629  | 629  | 630  | 630  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                | 606  | 608  | 608  | 609  | 609  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                | 578  | 581  | 581  | 583  | 583  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                | 547  | 549  | 549  | 552  | 551  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                | 511  | 513  | 513  | 515  | 515  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                | 471  | 473  | 473  | 475  | 475  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                | 427  | 429  | 430  | 432  | 432  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                | 381  | 384  | 384  | 386  | 386  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                | 333  | 336  | 336  | 339  | 338  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                | 284  | 287  | 287  | 290  | 289  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                | 235  | 238  | 238  | 241  | 240  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                | 189  | 191  | 191  | 194  | 193  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                | 146  | 149  | 148  | 150  | 149  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                | 109  | 111  | 110  | 112  | 110  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                | 76.4 | 78.1 | 77.0 | 78.5 | 77.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                | 50.8 | 51.4 | 50.8 | 51.4 | 50.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                | 30.3 | 30.0 | 29.6 | 29.4 | 29.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100               | 9.07 | 5.11 | 3.33 | 9.42 | 13.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105               | 1.84 | 1.87 | 1.81 | 4.39 | 6.30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110               | 2.32 | 2.36 | 2.27 | 2.30 | 2.42 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115               | 2.93 | 2.98 | 2.82 | 2.81 | 2.94 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120               | 3.42 | 3.49 | 3.41 | 3.27 | 3.73 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125               | 3.95 | 3.93 | 3.19 | 3.40 | 4.05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130               | 4.49 | 3.39 | 2.49 | 3.37 | 4.13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135               | 3.85 | 2.69 | 2.51 | 2.79 | 3.44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140               | 3.29 | 3.57 | 2.58 | 2.54 | 2.89 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145               | 3.63 | 2.98 | 2.76 | 2.38 | 2.66 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150               | 2.19 | 2.03 | 2.34 | 2.40 | 2.68 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155               | 2.69 | 2.87 | 2.62 | 2.70 | 2.56 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160               | 3.50 | 2.86 | 2.65 | 2.44 | 2.76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165               | 1.96 | 2.17 | 2.72 | 2.35 | 2.27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170               | 1.94 | 2.01 | 2.21 | 2.31 | 2.09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175               | 2.17 | 2.23 | 2.30 | 2.13 | 1.98 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180               | 1.75 | 1.81 | 1.89 | 1.87 | 1.80 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                      |  |
|----------------------|--|
| C Range: 0 - 360DEG  | g Range: 0 - 180DEG                                |
| C Interval: 15.0DEG  | g Interval: 0.5DEG                                 |
| Test Speed: MEDIUM   | Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402 |
| Temperature:25.3DEG  | Humidity:65.0%                                     |
| Operators:           | Test Distance:3.010m [K=1.0000]                    |
| Test Date:2020-05-27 | Remarks:   |