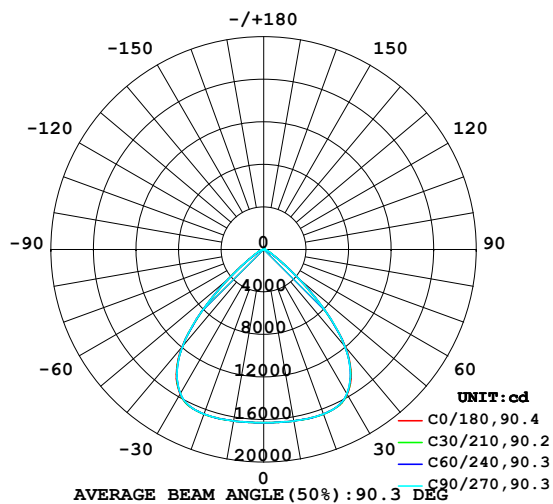


## LUMINAIRE PHOTOMETRIC TEST REPORT

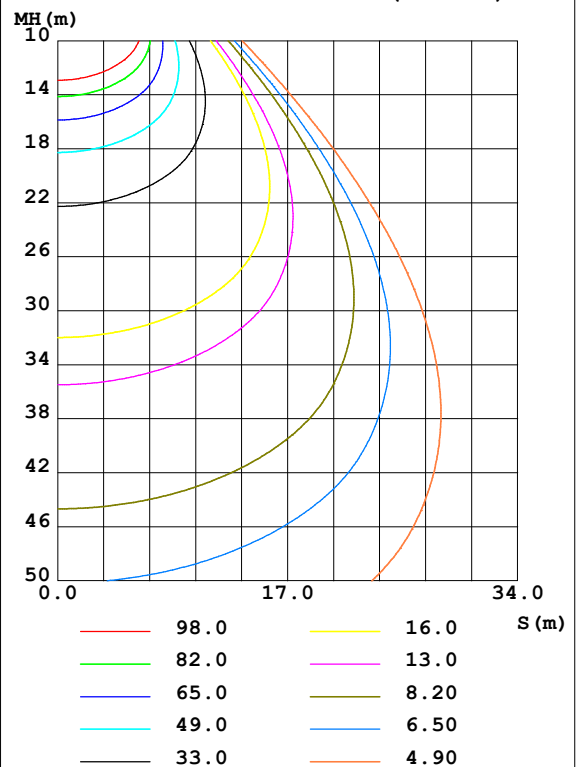
|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 177.93 lm/W |        |                   |          |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL            |         | I <sub>max</sub> (cd)             | 16482  | S/MH (C0/180)     | 1.30     |
| NOMINAL POWER(W) | 180     | LOR(%)                            | 100.0  | S/MH (C90/270)    | 1.30     |
| RATED VOLTAGE(V) | 230     | TOTAL FLUX(lm)                    | 31918  | η UP,DN(C0-180)   | 0.5,49.5 |
| NOMINAL FLUX(lm) | 31917.9 | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.5,49.5 |
| LAMPS INSIDE     | 1       | η up (%)                          | 1.0    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 230     | η down (%)                        | 99.0   | CIBSE SHR MAX     | 1.35     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QC  
Test Date: 2020-04-08

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 53.0%  
Test Distance: 10.380m [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       | 1637                     | 1637   | 1637   | 1637   | 1637   | 1637   | 1637   | 1637   | 0- 10    | 1559        | 1559         | 4.88,4.88  |
| 20       | 1647                     | 1647   | 1647   | 1647   | 1647   | 1647   | 1647   | 1647   | 10- 20   | 4662        | 6221         | 19.5,19.5  |
| 30       | 1572                     | 1568   | 1566   | 1568   | 1572   | 1568   | 1566   | 1568   | 20- 30   | 7510        | 13730        | 43,43      |
| 40       | 1195                     | 1186   | 1188   | 1186   | 1195   | 1186   | 1188   | 1186   | 30- 40   | 8809        | 22539        | 70.6,70.6  |
| 50       | 437.8                    | 438.0  | 441.6  | 438.0  | 437.8  | 438.0  | 441.6  | 438.0  | 40- 50   | 6271        | 28810        | 90.3,90.3  |
| 60       | 92.53                    | 96.70  | 99.74  | 96.70  | 92.53  | 96.70  | 99.74  | 96.70  | 50- 60   | 1947        | 30757        | 96.4,96.4  |
| 70       | 34.44                    | 36.30  | 37.33  | 36.30  | 34.44  | 36.30  | 37.33  | 36.30  | 60- 70   | 590.3       | 31347        | 98.2,98.2  |
| 80       | 9.455                    | 10.00  | 10.26  | 10.00  | 9.455  | 10.00  | 10.26  | 10.00  | 70- 80   | 232.4       | 31580        | 98.9,98.9  |
| 90       | 0.3646                   | 0.3629 | 0.3691 | 0.3629 | 0.3646 | 0.3629 | 0.3691 | 0.3629 | 80- 90   | 34.24       | 31614        | 99,99      |
| 100      | 1.066                    | 1.055  | 1.063  | 1.055  | 1.066  | 1.055  | 1.063  | 1.055  | 90-100   | 7.215       | 31621        | 99.1,99.1  |
| 110      | 2.227                    | 2.221  | 2.227  | 2.221  | 2.227  | 2.221  | 2.227  | 2.221  | 100-110  | 16.89       | 31638        | 99.1,99.1  |
| 120      | 3.866                    | 3.851  | 3.855  | 3.851  | 3.866  | 3.851  | 3.855  | 3.851  | 110-120  | 29.64       | 31668        | 99.2,99.2  |
| 130      | 5.920                    | 5.895  | 5.892  | 5.895  | 5.920  | 5.895  | 5.892  | 5.895  | 120-130  | 43.36       | 31711        | 99.4,99.4  |
| 140      | 7.918                    | 7.912  | 7.897  | 7.912  | 7.918  | 7.912  | 7.897  | 7.912  | 130-140  | 53.37       | 31764        | 99.5,99.5  |
| 150      | 9.709                    | 9.699  | 9.701  | 9.699  | 9.709  | 9.699  | 9.701  | 9.699  | 140-150  | 55.06       | 31820        | 99.7,99.7  |
| 160      | 11.73                    | 11.70  | 11.69  | 11.70  | 11.73  | 11.70  | 11.69  | 11.70  | 150-160  | 49.12       | 31869        | 99.8,99.8  |
| 170      | 13.71                    | 13.69  | 13.68  | 13.69  | 13.71  | 13.69  | 13.68  | 13.69  | 160-170  | 35.78       | 31904        | 100,100    |
| 180      | 14.70                    | 14.66  | 14.66  | 14.66  | 14.70  | 14.66  | 14.66  | 14.66  | 170-180  | 13.51       | 31918        | 100,100    |
| DEG      | LUMINOUS INTENSITY:×10cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 26289 lm

%lum = 82.4%

%lamp = 82.4%

Conical surface Flux(120deg): 30757 lm

%lum = 96.4%

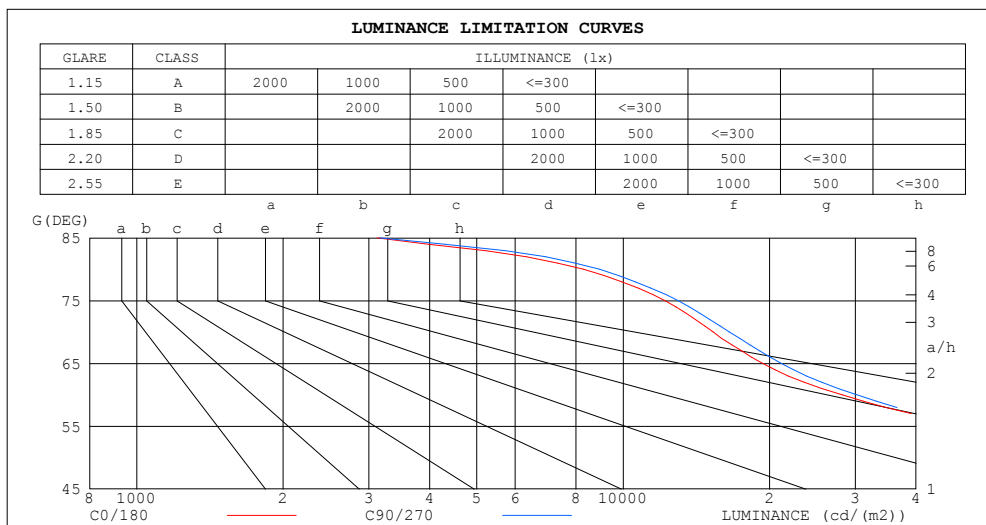
%lamp = 96.4%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:QC  
 Test Date:2020-04-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:53.0%  
 Test Distance:10.380m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 3123   | 3160    |
| 80                | 8287   | 8950    |
| 75                | 12188  | 12973   |
| 70                | 15324  | 16533   |
| 65                | 19358  | 21121   |
| 60                | 28165  | 30218   |
| 55                | 51699  | 52860   |
| 50                | 103664 | 104063  |
| 45                | 178639 | 177555  |

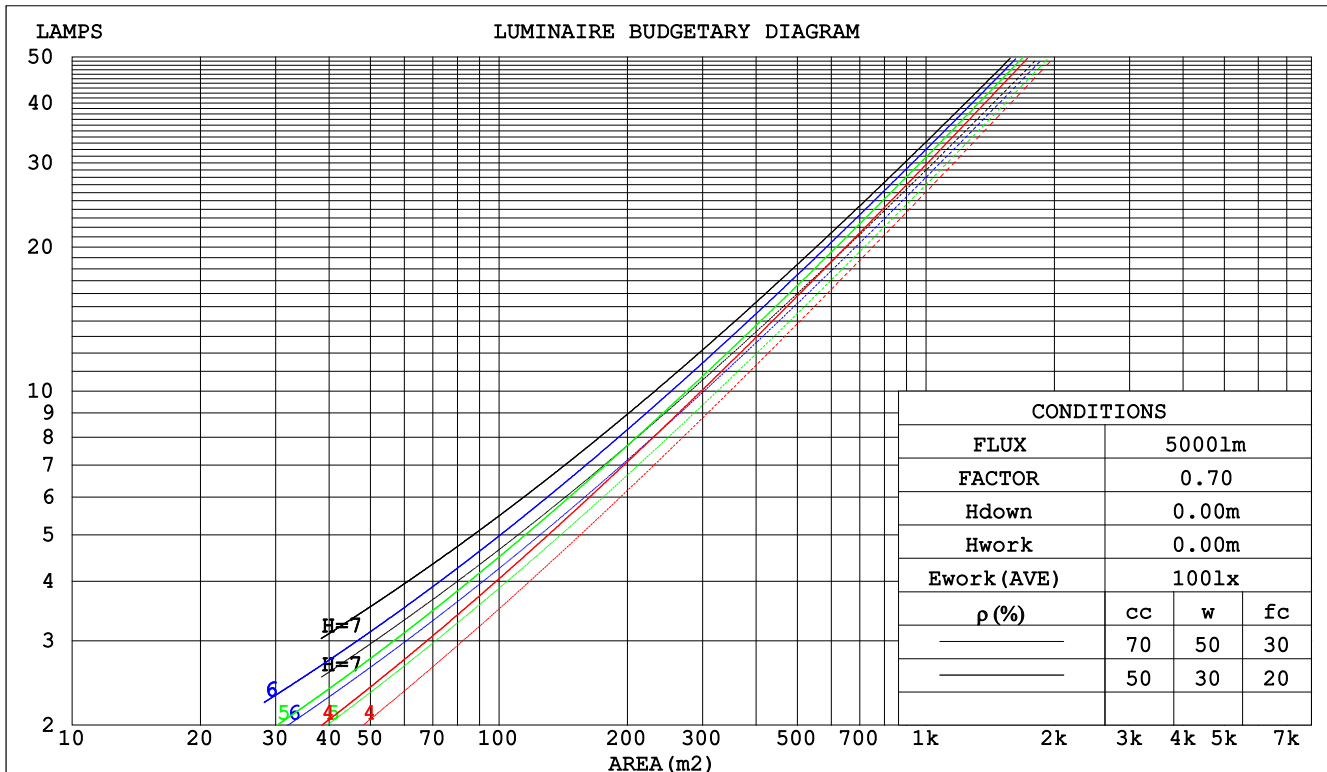
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QC  
Test Date:2020-04-08

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:53.0%  
Test Distance:10.380m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |

| pcc             | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| p <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 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 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0             | 1.08                  | 1.05 | 1.03 | 1.06 | 1.03 | 1.01 | 1.02                            | .99  | .98  | .98  | .96  | .95  | .94  | .93  | .92  | .90 |
| 2.0             | .99                   | .94  | .89  | .97  | .92  | .88  | .93                             | .89  | .86  | .90  | .87  | .84  | .87  | .84  | .82  | .80 |
| 3.0             | .90                   | .83  | .78  | .88  | .82  | .78  | .85                             | .80  | .76  | .82  | .78  | .75  | .80  | .77  | .74  | .72 |
| 4.0             | .82                   | .75  | .69  | .80  | .74  | .69  | .78                             | .72  | .68  | .76  | .71  | .67  | .74  | .70  | .66  | .64 |
| 5.0             | .75                   | .67  | .62  | .73  | .67  | .62  | .71                             | .65  | .61  | .69  | .64  | .60  | .68  | .63  | .60  | .58 |
| 6.0             | .68                   | .61  | .56  | .67  | .60  | .55  | .66                             | .59  | .55  | .64  | .59  | .54  | .62  | .58  | .54  | .52 |
| 7.0             | .63                   | .55  | .50  | .62  | .55  | .50  | .60                             | .54  | .50  | .59  | .53  | .49  | .58  | .53  | .49  | .47 |
| 8.0             | .58                   | .51  | .46  | .57  | .50  | .45  | .56                             | .50  | .45  | .55  | .49  | .45  | .53  | .48  | .45  | .43 |
| 9.0             | .53                   | .46  | .42  | .53  | .46  | .41  | .52                             | .46  | .41  | .51  | .45  | .41  | .50  | .45  | .41  | .39 |
| 10.0            | .50                   | .43  | .38  | .49  | .42  | .38  | .48                             | .42  | .38  | .47  | .42  | .38  | .46  | .41  | .37  | .36 |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:QC  
 Test Date:2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:53.0%  
 Test Distance:10.380m [K=1.0000]  
 Remarks:

# WEC AND CCEC

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | 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  | .217                  | .123 | .039 | .210 | .120 | .038 | .196                            | .113 | .036 | .184 | .106 | .034 | .173 | .100 | .032 |   |  |
| 2.0  | .212                  | .116 | .036 | .206 | .113 | .035 | .194                            | .108 | .034 | .184 | .103 | .032 | .174 | .098 | .031 |   |  |
| 3.0  | .203                  | .108 | .032 | .198 | .106 | .032 | .188                            | .102 | .031 | .178 | .098 | .030 | .170 | .094 | .029 |   |  |
| 4.0  | .193                  | .101 | .030 | .189 | .099 | .029 | .180                            | .095 | .029 | .172 | .092 | .028 | .164 | .089 | .027 |   |  |
| 5.0  | .184                  | .094 | .027 | .180 | .092 | .027 | .172                            | .090 | .026 | .165 | .087 | .026 | .158 | .084 | .025 |   |  |
| 6.0  | .175                  | .088 | .025 | .171 | .086 | .025 | .164                            | .084 | .024 | .158 | .082 | .024 | .152 | .080 | .024 |   |  |
| 7.0  | .166                  | .082 | .023 | .163 | .081 | .023 | .157                            | .079 | .023 | .151 | .077 | .023 | .145 | .076 | .022 |   |  |
| 8.0  | .158                  | .077 | .022 | .155 | .076 | .022 | .150                            | .075 | .021 | .144 | .073 | .021 | .139 | .072 | .021 |   |  |
| 9.0  | .151                  | .073 | .020 | .148 | .072 | .020 | .143                            | .071 | .020 | .138 | .069 | .020 | .134 | .068 | .020 |   |  |
| 10.0 | .144                  | .069 | .019 | .141 | .068 | .019 | .137                            | .067 | .019 | .132 | .066 | .019 | .128 | .064 | .018 |   |  |

| 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  | .198                  | .198 | .198 | .169 | .169 | .169 | .115                                       | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 |   |
| 1.0  | .181                  | .164 | .149 | .155 | .141 | .128 | .106                                       | .097 | .089 | .061 | .056 | .052 | .020 | .018 | .017 |   |
| 2.0  | .169                  | .140 | .115 | .145 | .120 | .099 | .099                                       | .083 | .069 | .057 | .048 | .041 | .018 | .016 | .013 |   |
| 3.0  | .159                  | .121 | .091 | .136 | .105 | .079 | .094                                       | .073 | .055 | .054 | .042 | .033 | .017 | .014 | .011 |   |
| 4.0  | .151                  | .107 | .074 | .129 | .093 | .064 | .089                                       | .065 | .045 | .051 | .038 | .027 | .017 | .012 | .009 |   |
| 5.0  | .143                  | .096 | .062 | .123 | .083 | .054 | .085                                       | .058 | .038 | .049 | .034 | .022 | .016 | .011 | .007 |   |
| 6.0  | .137                  | .087 | .052 | .117 | .076 | .045 | .081                                       | .053 | .032 | .047 | .031 | .019 | .015 | .010 | .006 |   |
| 7.0  | .131                  | .080 | .045 | .112 | .070 | .039 | .078                                       | .049 | .028 | .045 | .029 | .017 | .015 | .009 | .005 |   |
| 8.0  | .125                  | .074 | .040 | .108 | .065 | .035 | .075                                       | .045 | .025 | .043 | .027 | .015 | .014 | .009 | .005 |   |
| 9.0  | .120                  | .070 | .035 | .103 | .060 | .031 | .072                                       | .042 | .022 | .042 | .025 | .013 | .014 | .008 | .004 |   |
| 10.0 | .115                  | .065 | .032 | .099 | .057 | .028 | .069                                       | .040 | .020 | .040 | .024 | .012 | .013 | .008 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QC  
Test Date:2020-04-08

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:53.0%  
Test Distance:10.380m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

|  |                  |      |      |      |      |                |      |                  |      |      |      |      |
|--|------------------|------|------|------|------|----------------|------|------------------|------|------|------|------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |                  |      |      |      |      |                |      |                  |      |      |      |      |
| NAME: H03DTC-18-R380-90-40G-R8   |                  |      |      |      |      | TYPE:          |      | WEIGHT:          |      |      |      |      |
| SPEC.:   |                  |      |      |      |      | DIM.:          |      | SERIAL No.:      |      |      |      |      |
| MFR.: ERVAN  |                  |      |      |      |      | 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               | 15.1 | 16.3 | 15.4 | 16.5 | 16.7           | 15.1 | 16.3             | 15.4 | 16.5 | 16.7 |      |
|  | 3H               | 15.0 | 16.1 | 15.3 | 16.3 | 16.6           | 15.0 | 16.1             | 15.3 | 16.4 | 16.6 |      |
|  | 4H               | 14.9 | 16.0 | 15.2 | 16.2 | 16.5           | 15.0 | 16.0             | 15.3 | 16.3 | 16.5 |      |
|  | 6H               | 14.9 | 15.8 | 15.2 | 16.1 | 16.4           | 14.9 | 15.9             | 15.2 | 16.1 | 16.4 |      |
|  | 8H               | 14.8 | 15.7 | 15.2 | 16.0 | 16.3           | 14.9 | 15.8             | 15.2 | 16.1 | 16.4 |      |
|  | 12H              | 14.8 | 15.7 | 15.1 | 16.0 | 16.3           | 14.8 | 15.7             | 15.2 | 16.0 | 16.3 |      |
|  | 4H               | 2H   | 14.9 | 16.0 | 15.2 | 16.2           | 16.5 | 14.9             | 16.0 | 15.2 | 16.2 | 16.5 |
|  |                  | 3H   | 14.8 | 15.7 | 15.2 | 16.0           | 16.3 | 14.9             | 15.8 | 15.2 | 16.1 | 16.4 |
|  |                  | 4H   | 14.8 | 15.6 | 15.2 | 15.9           | 16.3 | 14.8             | 15.6 | 15.2 | 16.0 | 16.3 |
|  |                  | 6H   | 14.7 | 15.4 | 15.1 | 15.8           | 16.2 | 14.8             | 15.5 | 15.2 | 15.8 | 16.2 |
|  |                  | 8H   | 14.7 | 15.3 | 15.1 | 15.7           | 16.1 | 14.7             | 15.4 | 15.1 | 15.8 | 16.1 |
|  |                  | 12H  | 14.6 | 15.2 | 15.1 | 15.6           | 16.0 | 14.7             | 15.3 | 15.1 | 15.7 | 16.1 |
| 8H   | 4H               | 14.7 | 15.3 | 15.1 | 15.7 | 16.1           | 14.7 | 15.4             | 15.1 | 15.7 | 16.1 |      |
|  | 6H               | 14.6 | 15.2 | 15.1 | 15.6 | 16.0           | 14.7 | 15.2             | 15.1 | 15.6 | 16.1 |      |
|  | 8H               | 14.6 | 15.1 | 15.1 | 15.5 | 16.0           | 14.6 | 15.1             | 15.1 | 15.5 | 16.0 |      |
|  | 12H              | 14.5 | 14.9 | 15.0 | 15.4 | 15.9           | 14.6 | 15.0             | 15.1 | 15.4 | 15.9 |      |
| 12H  | 4H               | 14.6 | 15.2 | 15.1 | 15.6 | 16.0           | 14.7 | 15.3             | 15.1 | 15.7 | 16.1 |      |
|  | 6H               | 14.6 | 15.0 | 15.1 | 15.5 | 15.9           | 14.6 | 15.1             | 15.1 | 15.5 | 16.0 |      |
|  | 8H               | 14.6 | 14.9 | 15.0 | 15.4 | 15.9           | 14.6 | 15.0             | 15.1 | 15.4 | 15.9 |      |
| Variations with the observer position at spacings:                             |                  |      |      |      |      |                |      |                  |      |      |      |      |
| S = 1.0H   | + 2.2 / - 5.5    |      |      |      |      | + 2.2 / - 5.3  |      |                  |      |      |      |      |
| 1.5H   | + 2.2 / - 4.7    |      |      |      |      | + 2.2 / - 4.5  |      |                  |      |      |      |      |
| 2.0H   | + 5.2 / - 5.8    |      |      |      |      | + 5.1 / - 5.7  |      |                  |      |      |      |      |

CIE Pub.117, 31918 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 12.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QC  
Test Date:2020-04-08

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:53.0%  
Test Distance:10.380m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |

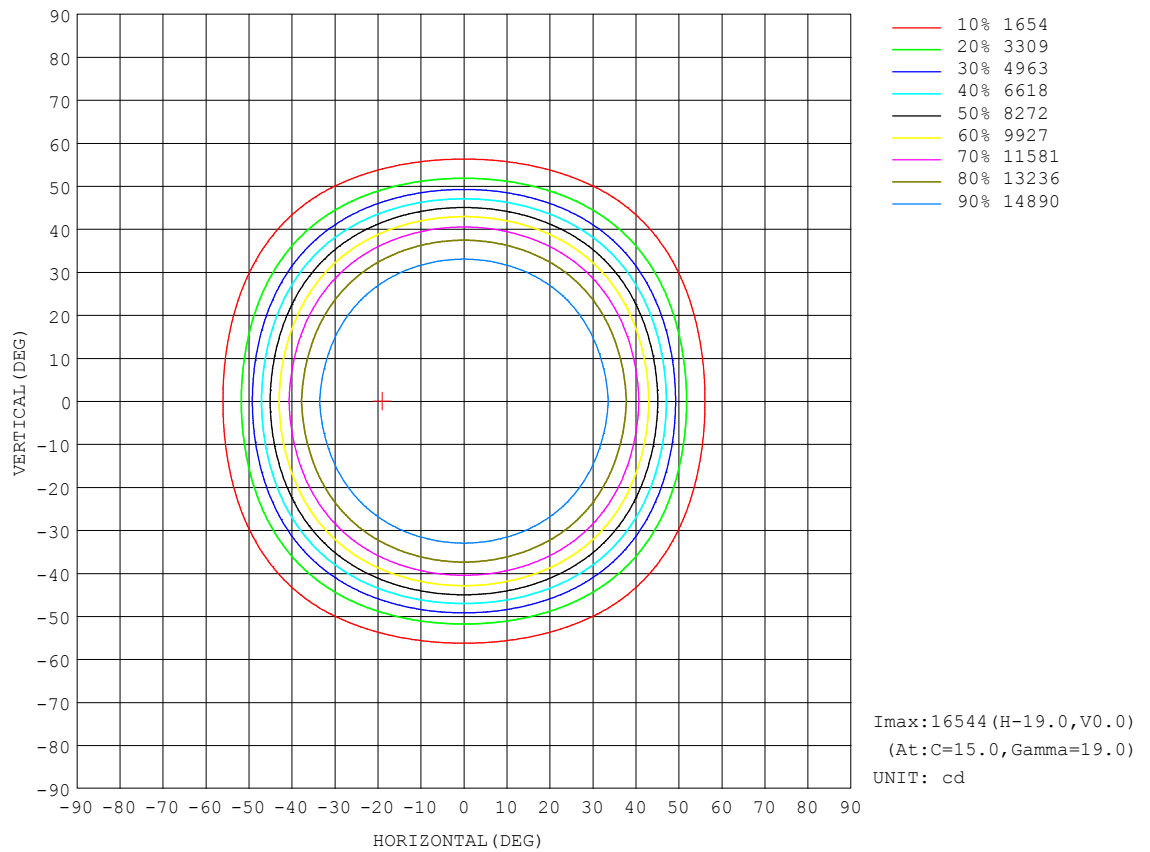
| REFLECTANCE                      |  |     |           |     |     |     |     |               |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 73   | 64  | 59        | 72  | 64  | 59  | 71  | 63            | 58  | 53     |
| 0.80                             | 82   | 74  | 69        | 82  | 74  | 69  | 80  | 73            | 68  | 63     |
| 1.00                             | 90   | 82  | 77        | 89  | 81  | 77  | 87  | 82            | 76  | 71     |
| 1.25                             | 95   | 88  | 84        | 94  | 88  | 83  | 92  | 86            | 82  | 77     |
| 1.50                             | 99   | 93  | 88        | 98  | 92  | 88  | 95  | 90            | 86  | 81     |
| 2.00                             | 104  | 98  | 94        | 102 | 97  | 93  | 99  | 95            | 92  | 85     |
| 2.50                             | 106  | 101 | 97        | 104 | 100 | 96  | 101 | 97            | 94  | 87     |
| 3.00                             | 108  | 104 | 100       | 106 | 102 | 99  | 103 | 99            | 97  | 89     |
| 4.00                             | 111  | 107 | 104       | 109 | 105 | 103 | 105 | 102           | 100 | 92     |
| 5.00                             | 112  | 109 | 107       | 110 | 107 | 105 | 106 | 104           | 102 | 93     |
| 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: 25.3DEG  
 Operators: QC  
 Test Date: 2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 53.0%  
 Test Distance: 10.380m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |



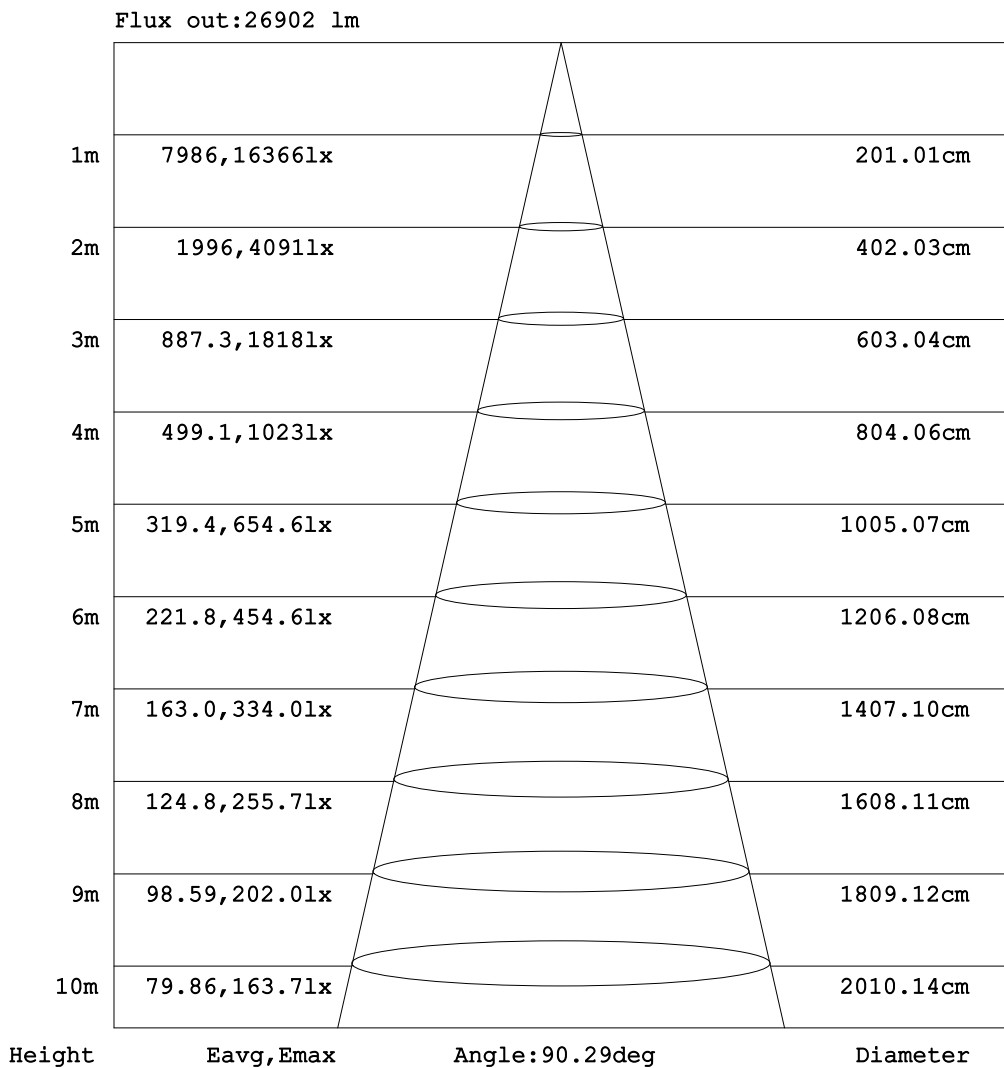
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QC  
Test Date:2020-04-08

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:53.0%  
Test Distance:10.380m [K=1.0000]  
Remarks:



## AAI Figure

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |



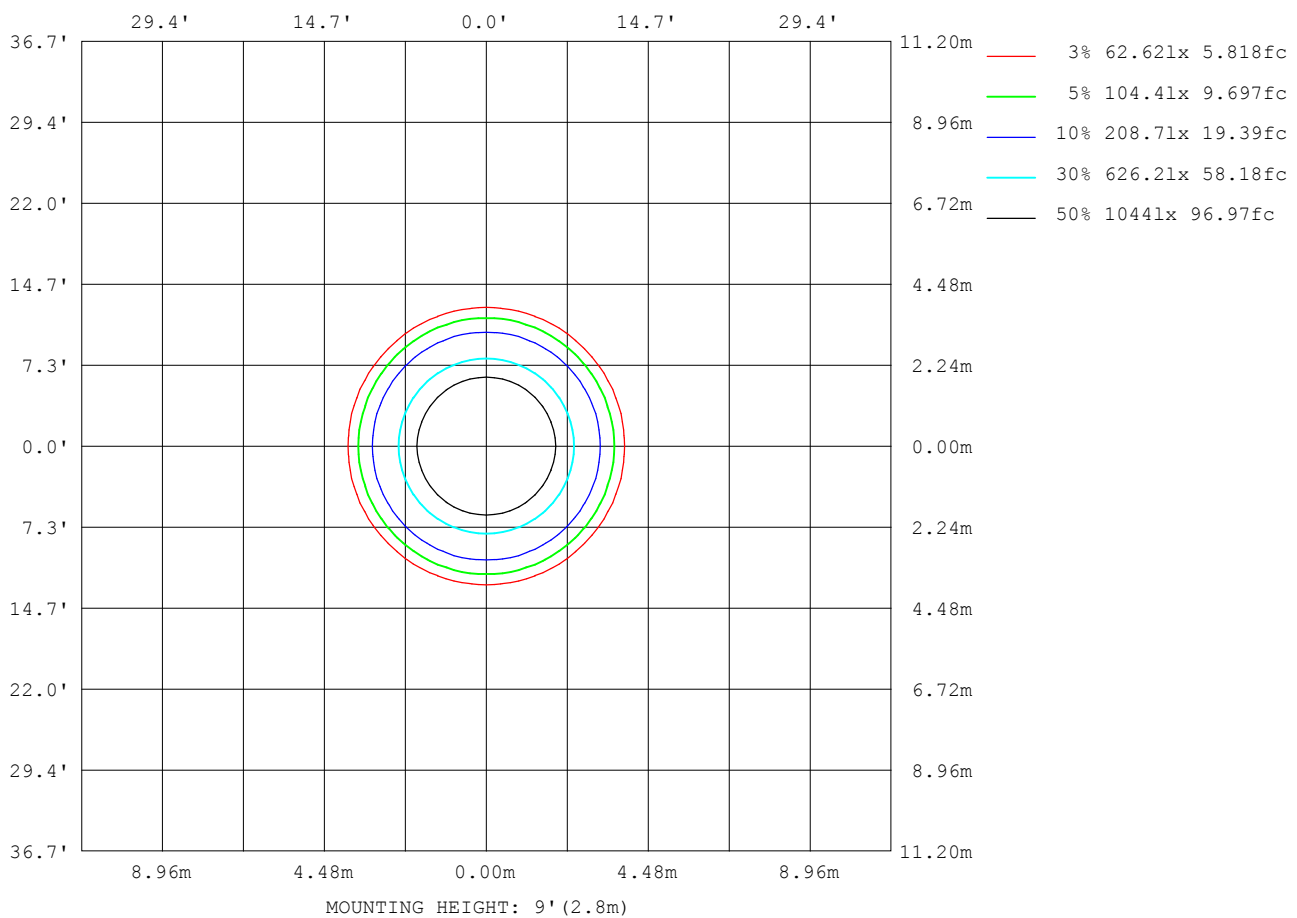
**Note:** The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: QC  
 Test Date: 2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 53.0%  
 Test Distance: 10.380m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: QC  
 Test Date: 2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 53.0%  
 Test Distance: 10.380m [K=1.0000]  
 Remarks:

## LED Avg.L Report

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |

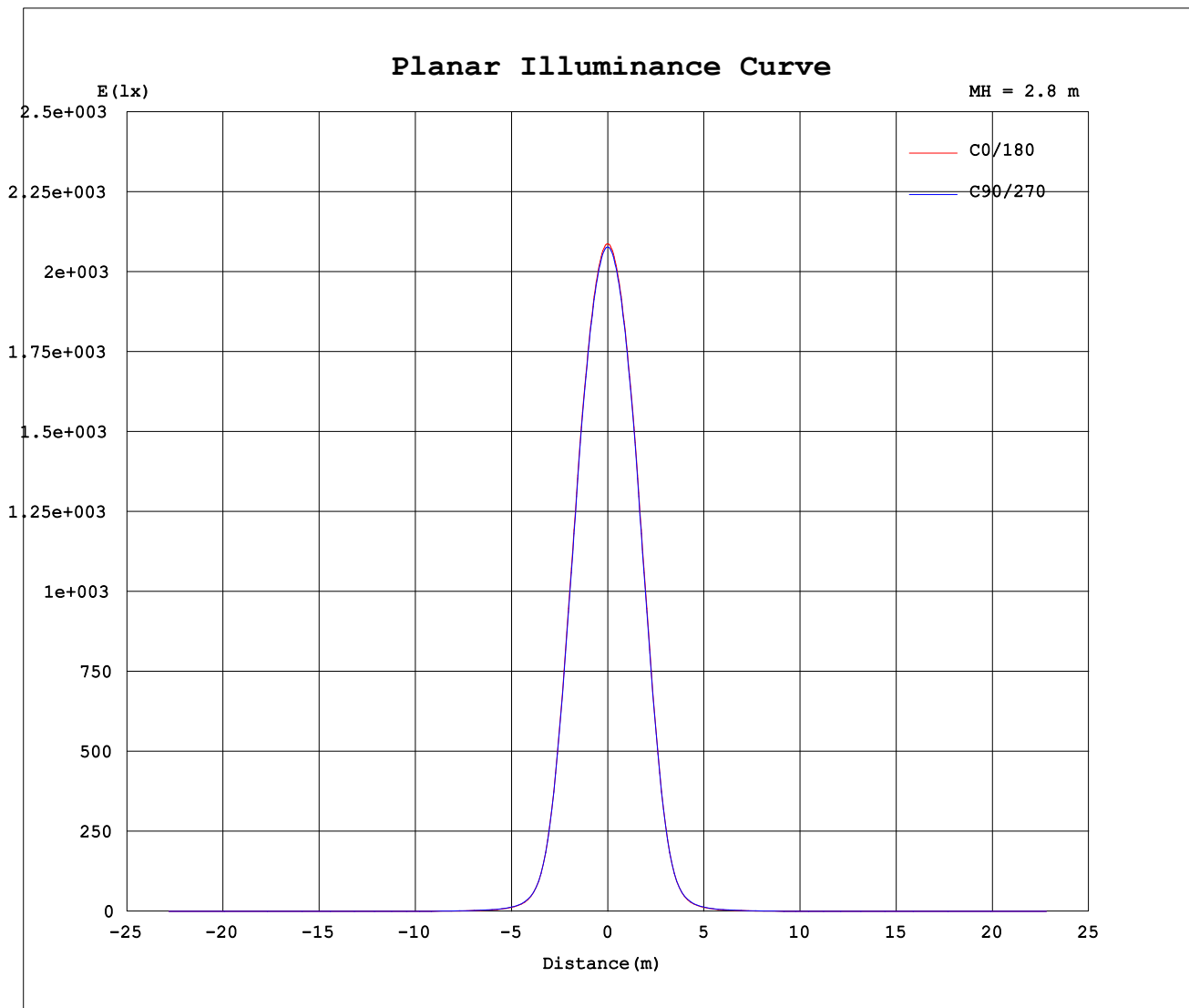
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 19271 |
| L_0~180 (75) av  | 12133 |
| L_0~180 (85) av  | 3109  |
| L_90~270 (65) av | 21127 |
| L_90~270 (75) av | 12976 |
| L_90~270 (85) av | 3161  |
| L_45 (65) av     | 20404 |
| L_45 (75) av     | 12717 |
| L_45 (85) av     | 3193  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:QC  
 Test Date:2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:53.0%  
 Test Distance:10.380m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QC  
Test Date: 2020-04-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 53.0%  
Test Distance: 10.380m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |  |  |  |  |  |  |  |  |       |  |  |  |  |                  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|------------------|--|--|--|--|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |  |  |  |  |  |  |  |  |       |  |  |  |  |                  |  |  |  |  |
| NAME: H03DTC-18-R380-90-40G-R8   |  |  |  |  |  |  |  |  | TYPE: |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:   |  |  |  |  |  |  |  |  | DIM.: |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.: ERVAN  |  |  |  |  |  |  |  |  | SUR.: |  |  |  |  | Shielding Angle: |  |  |  |  |

Table--1

UNIT: ×10cd

| γ (DEG) \ C (DEG) | 0    | 15   | 30   | 45    | 60   | 75   | 90   | 105  | 120  | 135   | 150  | 165  | 180  | 195  | 210  | 225   | 240  | 255  | 270  |
|-------------------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|
| 0                 | 1629 | 1629 | 1629 | 1629  | 1629 | 1629 | 1629 | 1629 | 1629 | 1629  | 1629 | 1629 | 1629 | 1629 | 1629 | 1629  | 1629 | 1629 | 1629 |
| 5                 | 1631 | 1631 | 1631 | 1631  | 1631 | 1631 | 1631 | 1631 | 1631 | 1631  | 1631 | 1631 | 1631 | 1631 | 1631 | 1631  | 1631 | 1631 | 1631 |
| 10                | 1637 | 1638 | 1637 | 1637  | 1637 | 1637 | 1637 | 1637 | 1637 | 1637  | 1637 | 1638 | 1637 | 1638 | 1637 | 1637  | 1637 | 1637 | 1637 |
| 15                | 1644 | 1645 | 1645 | 1645  | 1645 | 1645 | 1645 | 1645 | 1645 | 1645  | 1645 | 1645 | 1644 | 1645 | 1645 | 1645  | 1645 | 1645 | 1645 |
| 20                | 1647 | 1648 | 1648 | 1647  | 1647 | 1647 | 1647 | 1647 | 1647 | 1647  | 1648 | 1648 | 1647 | 1648 | 1648 | 1647  | 1647 | 1647 | 1647 |
| 25                | 1634 | 1635 | 1634 | 1633  | 1633 | 1632 | 1632 | 1632 | 1633 | 1633  | 1634 | 1635 | 1634 | 1635 | 1634 | 1633  | 1633 | 1632 | 1632 |
| 30                | 1572 | 1570 | 1570 | 1568  | 1567 | 1566 | 1566 | 1566 | 1567 | 1568  | 1570 | 1570 | 1572 | 1570 | 1570 | 1568  | 1567 | 1566 | 1566 |
| 35                | 1435 | 1429 | 1427 | 1425  | 1424 | 1423 | 1424 | 1423 | 1424 | 1425  | 1427 | 1429 | 1435 | 1429 | 1427 | 1425  | 1424 | 1423 | 1424 |
| 40                | 1195 | 1188 | 1187 | 1186  | 1186 | 1187 | 1188 | 1187 | 1186 | 1186  | 1187 | 1188 | 1195 | 1188 | 1187 | 1186  | 1186 | 1187 | 1188 |
| 45                | 830  | 823  | 824  | 824   | 826  | 828  | 829  | 828  | 826  | 824   | 824  | 823  | 830  | 823  | 824  | 824   | 826  | 828  | 829  |
| 50                | 438  | 437  | 437  | 438   | 441  | 438  | 442  | 438  | 441  | 438   | 437  | 437  | 438  | 437  | 437  | 438   | 441  | 438  | 442  |
| 55                | 195  | 195  | 196  | 198   | 199  | 199  | 200  | 199  | 199  | 198   | 196  | 195  | 195  | 195  | 196  | 198   | 199  | 199  | 200  |
| 60                | 92.5 | 93.7 | 95.0 | 96.7  | 98.0 | 99.5 | 99.7 | 99.5 | 98.0 | 96.7  | 95.0 | 93.7 | 92.5 | 93.7 | 95.0 | 96.7  | 98.0 | 99.5 | 99.7 |
| 65                | 53.8 | 55.0 | 55.9 | 56.9  | 57.6 | 58.8 | 58.9 | 58.8 | 57.6 | 56.9  | 55.9 | 55.0 | 53.8 | 55.0 | 55.9 | 56.9  | 57.6 | 58.8 | 58.9 |
| 70                | 34.4 | 35.4 | 35.7 | 36.3  | 36.4 | 37.2 | 37.3 | 37.2 | 36.4 | 36.3  | 35.7 | 35.4 | 34.4 | 35.4 | 35.7 | 36.3  | 36.4 | 37.2 | 37.3 |
| 75                | 20.7 | 21.2 | 21.3 | 21.7  | 21.9 | 22.2 | 22.2 | 22.2 | 21.9 | 21.7  | 21.3 | 21.2 | 20.7 | 21.2 | 21.3 | 21.7  | 21.9 | 22.2 | 22.2 |
| 80                | 9.45 | 9.62 | 9.52 | 10.00 | 10.4 | 10.6 | 10.3 | 10.6 | 10.4 | 10.00 | 9.52 | 9.62 | 9.45 | 9.62 | 9.52 | 10.00 | 10.4 | 10.6 | 10.3 |
| 85                | 1.79 | 1.81 | 1.76 | 1.84  | 1.94 | 1.96 | 1.82 | 1.96 | 1.94 | 1.84  | 1.76 | 1.81 | 1.79 | 1.81 | 1.76 | 1.84  | 1.94 | 1.96 | 1.82 |
| 90                | 0.36 | 0.36 | 0.36 | 0.36  | 0.36 | 0.36 | 0.37 | 0.36 | 0.36 | 0.36  | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36  | 0.36 | 0.36 | 0.37 |
| 95                | 0.65 | 0.64 | 0.64 | 0.64  | 0.63 | 0.64 | 0.65 | 0.64 | 0.63 | 0.64  | 0.64 | 0.64 | 0.65 | 0.64 | 0.64 | 0.64  | 0.63 | 0.64 | 0.65 |
| 100               | 1.07 | 1.05 | 1.06 | 1.05  | 1.05 | 1.05 | 1.06 | 1.05 | 1.05 | 1.05  | 1.06 | 1.05 | 1.07 | 1.05 | 1.06 | 1.05  | 1.05 | 1.05 | 1.06 |
| 105               | 1.59 | 1.58 | 1.58 | 1.58  | 1.58 | 1.58 | 1.59 | 1.58 | 1.58 | 1.58  | 1.58 | 1.58 | 1.59 | 1.58 | 1.58 | 1.58  | 1.58 | 1.58 | 1.59 |
| 110               | 2.23 | 2.22 | 2.22 | 2.22  | 2.22 | 2.22 | 2.23 | 2.22 | 2.22 | 2.22  | 2.22 | 2.22 | 2.23 | 2.22 | 2.22 | 2.22  | 2.22 | 2.22 | 2.23 |
| 115               | 2.98 | 2.97 | 2.97 | 2.98  | 2.97 | 2.98 | 2.98 | 2.98 | 2.97 | 2.98  | 2.97 | 2.97 | 2.98 | 2.97 | 2.97 | 2.98  | 2.97 | 2.98 | 2.98 |
| 120               | 3.87 | 3.85 | 3.85 | 3.85  | 3.85 | 3.85 | 3.85 | 3.85 | 3.85 | 3.85  | 3.85 | 3.85 | 3.87 | 3.85 | 3.85 | 3.85  | 3.85 | 3.85 | 3.85 |
| 125               | 4.87 | 4.85 | 4.84 | 4.84  | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84  | 4.84 | 4.85 | 4.87 | 4.85 | 4.84 | 4.84  | 4.84 | 4.84 | 4.84 |
| 130               | 5.92 | 5.90 | 5.90 | 5.89  | 5.89 | 5.89 | 5.89 | 5.89 | 5.89 | 5.89  | 5.90 | 5.90 | 5.92 | 5.90 | 5.90 | 5.89  | 5.89 | 5.89 | 5.89 |
| 135               | 6.94 | 6.94 | 6.93 | 6.93  | 6.92 | 6.93 | 6.92 | 6.93 | 6.92 | 6.93  | 6.93 | 6.94 | 6.94 | 6.94 | 6.93 | 6.93  | 6.92 | 6.93 | 6.92 |
| 140               | 7.92 | 7.91 | 7.90 | 7.91  | 7.89 | 7.90 | 7.90 | 7.90 | 7.89 | 7.91  | 7.90 | 7.91 | 7.92 | 7.91 | 7.90 | 7.91  | 7.89 | 7.90 | 7.90 |
| 145               | 8.81 | 8.80 | 8.80 | 8.80  | 8.79 | 8.79 | 8.80 | 8.79 | 8.79 | 8.80  | 8.80 | 8.80 | 8.81 | 8.80 | 8.80 | 8.80  | 8.79 | 8.79 | 8.80 |
| 150               | 9.71 | 9.71 | 9.70 | 9.70  | 9.69 | 9.70 | 9.70 | 9.70 | 9.69 | 9.70  | 9.70 | 9.71 | 9.71 | 9.71 | 9.70 | 9.70  | 9.69 | 9.70 | 9.70 |
| 155               | 10.7 | 10.7 | 10.7 | 10.7  | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7  | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7  | 10.7 | 10.7 | 10.7 |
| 160               | 11.7 | 11.7 | 11.7 | 11.7  | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7  | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7  | 11.7 | 11.7 | 11.7 |
| 165               | 12.8 | 12.7 | 12.7 | 12.7  | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7  | 12.7 | 12.7 | 12.8 | 12.7 | 12.7 | 12.7  | 12.7 | 12.7 | 12.7 |
| 170               | 13.7 | 13.7 | 13.7 | 13.7  | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7  | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7  | 13.7 | 13.7 | 13.7 |
| 175               | 14.4 | 14.4 | 14.4 | 14.4  | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4  | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4  | 14.4 | 14.4 | 14.4 |
| 180               | 14.7 | 14.7 | 14.6 | 14.7  | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7  | 14.6 | 14.7 | 14.7 | 14.7 | 14.6 | 14.7  | 14.7 | 14.7 | 14.7 |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:QC  
 Test Date:2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:53.0%  
 Test Distance:10.380m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |       |                  |
|--|-------|------------------|
| Test:U:230.4V I:0.8082A P:179.4W PF:0.9633 Freq:49.99Hz Lamp Flux:31917.9x1 lm |       |                  |
| NAME: H03DTC-18-R380-90-40G-R8   | TYPE: | WEIGHT:          |
| SPEC.:   | DIM.: | SERIAL No.:      |
| MFR.: ERVAN  | SUR.: | Shielding Angle: |

Table--2

UNIT: ×10cd

| C (DEG)<br>γ (DEG) | 285  | 300  | 315   | 330  | 345  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|-------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                  | 1629 | 1629 | 1629  | 1629 | 1629 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 1631 | 1631 | 1631  | 1631 | 1631 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 1637 | 1637 | 1637  | 1637 | 1638 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 1645 | 1645 | 1645  | 1645 | 1645 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 1647 | 1647 | 1647  | 1648 | 1648 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 1632 | 1633 | 1633  | 1634 | 1635 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 1566 | 1567 | 1568  | 1570 | 1570 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 1423 | 1424 | 1425  | 1427 | 1429 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 1187 | 1186 | 1186  | 1187 | 1188 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 828  | 826  | 824   | 824  | 823  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 438  | 441  | 438   | 437  | 437  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 199  | 199  | 198   | 196  | 195  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 99.5 | 98.0 | 96.7  | 95.0 | 93.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 58.8 | 57.6 | 56.9  | 55.9 | 55.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 37.2 | 36.4 | 36.3  | 35.7 | 35.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 22.2 | 21.9 | 21.7  | 21.3 | 21.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 10.6 | 10.4 | 10.00 | 9.52 | 9.62 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 1.96 | 1.94 | 1.84  | 1.76 | 1.81 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                 | 0.36 | 0.36 | 0.36  | 0.36 | 0.36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                 | 0.64 | 0.63 | 0.64  | 0.64 | 0.64 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100                | 1.05 | 1.05 | 1.05  | 1.06 | 1.05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105                | 1.58 | 1.58 | 1.58  | 1.58 | 1.58 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110                | 2.22 | 2.22 | 2.22  | 2.22 | 2.22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115                | 2.98 | 2.97 | 2.98  | 2.97 | 2.97 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120                | 3.85 | 3.85 | 3.85  | 3.85 | 3.85 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125                | 4.84 | 4.84 | 4.84  | 4.84 | 4.85 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130                | 5.89 | 5.89 | 5.89  | 5.90 | 5.90 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135                | 6.93 | 6.92 | 6.93  | 6.93 | 6.94 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140                | 7.90 | 7.89 | 7.91  | 7.90 | 7.91 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145                | 8.79 | 8.79 | 8.80  | 8.80 | 8.80 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150                | 9.70 | 9.69 | 9.70  | 9.70 | 9.71 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155                | 10.7 | 10.7 | 10.7  | 10.7 | 10.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160                | 11.7 | 11.7 | 11.7  | 11.7 | 11.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165                | 12.7 | 12.7 | 12.7  | 12.7 | 12.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170                | 13.7 | 13.7 | 13.7  | 13.7 | 13.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175                | 14.4 | 14.4 | 14.4  | 14.4 | 14.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180                | 14.7 | 14.7 | 14.7  | 14.6 | 14.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:QC  
 Test Date:2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:53.0%  
 Test Distance:10.380m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

| G/C   | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  | 105.0 | 120.0 | 135.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 |
| 3.0   | 16300 | 16301 | 16300 | 16299 | 16299 | 16300 | 16300 | 16300 | 16299 | 16299 |
| 6.0   | 16320 | 16323 | 16322 | 16322 | 16321 | 16322 | 16321 | 16322 | 16321 | 16322 |
| 9.0   | 16355 | 16361 | 16360 | 16358 | 16358 | 16358 | 16357 | 16358 | 16358 | 16358 |
| 12.0  | 16400 | 16408 | 16406 | 16404 | 16403 | 16402 | 16401 | 16402 | 16403 | 16404 |
| 15.0  | 16440 | 16451 | 16449 | 16448 | 16447 | 16446 | 16445 | 16446 | 16447 | 16448 |
| 18.0  | 16467 | 16479 | 16477 | 16475 | 16474 | 16473 | 16473 | 16474 | 16474 | 16475 |
| 21.0  | 16460 | 16471 | 16467 | 16463 | 16462 | 16461 | 16460 | 16461 | 16462 | 16463 |
| 24.0  | 16389 | 16395 | 16389 | 16383 | 16378 | 16376 | 16376 | 16376 | 16378 | 16383 |
| 27.0  | 16181 | 16180 | 16172 | 16163 | 16154 | 16150 | 16148 | 16150 | 16154 | 16163 |
| 30.0  | 15723 | 15705 | 15697 | 15681 | 15667 | 15660 | 15660 | 15660 | 15667 | 15681 |
| 33.0  | 14990 | 14951 | 14936 | 14918 | 14901 | 14897 | 14897 | 14897 | 14901 | 14918 |
| 36.0  | 13961 | 13901 | 13884 | 13864 | 13850 | 13850 | 13849 | 13850 | 13850 | 13864 |
| 39.0  | 12532 | 12458 | 12450 | 12436 | 12430 | 12436 | 12443 | 12436 | 12430 | 12436 |
| 42.0  | 10618 | 10545 | 10548 | 10554 | 10557 | 10574 | 10587 | 10574 | 10557 | 10554 |
| 45.0  | 8299  | 8232  | 8238  | 8244  | 8260  | 8275  | 8288  | 8275  | 8260  | 8244  |
| 48.0  | 5853  | 5822  | 5816  | 5833  | 5838  | 5867  | 5846  | 5867  | 5838  | 5833  |
| 51.0  | 3739  | 3721  | 3726  | 3735  | 3749  | 3757  | 3751  | 3757  | 3749  | 3735  |
| 54.0  | 2267  | 2267  | 2291  | 2290  | 2323  | 2316  | 2314  | 2316  | 2323  | 2290  |
| 57.0  | 1400  | 1411  | 1422  | 1440  | 1457  | 1468  | 1468  | 1468  | 1457  | 1440  |
| 60.0  | 925.3 | 937.3 | 950.2 | 967.0 | 980.2 | 995.1 | 997.4 | 995.1 | 980.2 | 967.0 |
| 63.0  | 652.7 | 666.7 | 677.0 | 689.6 | 698.8 | 712.2 | 714.5 | 712.2 | 698.8 | 689.6 |
| 66.0  | 491.2 | 503.7 | 510.9 | 520.8 | 525.5 | 536.9 | 539.1 | 536.9 | 525.5 | 520.8 |
| 69.0  | 375.0 | 385.4 | 389.5 | 397.7 | 399.5 | 406.3 | 410.7 | 406.3 | 399.5 | 397.7 |
| 72.0  | 285.8 | 293.0 | 295.1 | 300.2 | 300.9 | 306.6 | 307.2 | 306.6 | 300.9 | 300.2 |
| 75.0  | 207.3 | 211.9 | 212.7 | 217.2 | 218.5 | 221.8 | 221.7 | 221.8 | 218.5 | 217.2 |
| 78.0  | 136.1 | 138.5 | 138.0 | 142.9 | 146.3 | 147.6 | 145.8 | 147.6 | 146.3 | 142.9 |
| 81.0  | 75.44 | 77.08 | 76.07 | 80.34 | 84.87 | 86.09 | 82.33 | 86.09 | 84.87 | 80.34 |
| 84.0  | 27.30 | 28.29 | 27.71 | 29.13 | 31.48 | 32.68 | 29.70 | 32.68 | 31.48 | 29.13 |
| 87.0  | 7.521 | 7.537 | 7.623 | 7.594 | 7.458 | 7.570 | 7.707 | 7.570 | 7.458 | 7.594 |
| 90.0  | 3.646 | 3.602 | 3.611 | 3.629 | 3.584 | 3.626 | 3.691 | 3.626 | 3.584 | 3.629 |
| 93.0  | 5.160 | 5.088 | 5.085 | 5.097 | 5.024 | 5.066 | 5.172 | 5.066 | 5.024 | 5.097 |
| 96.0  | 7.209 | 7.097 | 7.105 | 7.115 | 7.041 | 7.098 | 7.194 | 7.098 | 7.041 | 7.115 |
| 99.0  | 9.728 | 9.606 | 9.612 | 9.631 | 9.554 | 9.600 | 9.692 | 9.600 | 9.554 | 9.631 |
| 102.0 | 12.64 | 12.52 | 12.53 | 12.53 | 12.48 | 12.54 | 12.61 | 12.54 | 12.48 | 12.53 |
| 105.0 | 15.89 | 15.80 | 15.79 | 15.82 | 15.78 | 15.83 | 15.90 | 15.83 | 15.78 | 15.82 |
| 108.0 | 19.58 | 19.49 | 19.50 | 19.51 | 19.48 | 19.53 | 19.57 | 19.53 | 19.48 | 19.51 |
| 111.0 | 23.68 | 23.61 | 23.60 | 23.63 | 23.61 | 23.63 | 23.68 | 23.63 | 23.61 | 23.63 |
| 114.0 | 28.23 | 28.15 | 28.13 | 28.15 | 28.15 | 28.18 | 28.19 | 28.18 | 28.15 | 28.15 |
| 117.0 | 33.20 | 33.12 | 33.08 | 32.97 | 33.11 | 33.12 | 33.15 | 33.12 | 33.11 | 32.97 |
| 120.0 | 38.66 | 38.53 | 38.50 | 38.51 | 38.52 | 38.52 | 38.55 | 38.52 | 38.52 | 38.51 |
| 123.0 | 44.56 | 44.38 | 44.36 | 44.35 | 44.34 | 44.34 | 44.37 | 44.34 | 44.34 | 44.35 |
| 126.0 | 50.76 | 50.57 | 50.52 | 50.49 | 50.47 | 50.44 | 50.49 | 50.44 | 50.47 | 50.49 |
| 129.0 | 57.06 | 56.90 | 56.84 | 56.81 | 56.75 | 56.75 | 56.79 | 56.75 | 56.75 | 56.81 |
| 132.0 | 63.45 | 63.28 | 63.24 | 63.20 | 63.13 | 63.12 | 63.16 | 63.12 | 63.13 | 63.20 |
| 135.0 | 69.43 | 69.36 | 69.28 | 69.34 | 69.16 | 69.26 | 69.23 | 69.26 | 69.16 | 69.34 |
| 138.0 | 75.34 | 75.28 | 75.21 | 75.27 | 75.10 | 75.18 | 75.17 | 75.18 | 75.10 | 75.27 |
| 141.0 | 81.13 | 80.97 | 80.84 | 81.02 | 80.86 | 80.89 | 80.83 | 80.89 | 80.86 | 81.02 |
| 144.0 | 86.43 | 86.28 | 86.24 | 86.27 | 86.18 | 86.20 | 86.23 | 86.20 | 86.18 | 86.27 |
| 147.0 | 91.58 | 91.56 | 91.50 | 91.52 | 91.43 | 91.49 | 91.51 | 91.49 | 91.43 | 91.52 |
| 150.0 | 97.09 | 97.05 | 96.99 | 96.99 | 96.94 | 96.99 | 97.01 | 96.99 | 96.94 | 96.99 |
| 153.0 | 102.7 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 |
| 156.0 | 108.8 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 |
| 159.0 | 115.2 | 115.0 | 114.8 | 114.9 | 115.0 | 114.8 | 114.9 | 114.8 | 115.0 | 114.9 |
| 162.0 | 121.6 | 121.3 | 121.2 | 121.2 | 121.3 | 121.2 | 121.2 | 121.2 | 121.3 | 121.2 |
| 165.0 | 127.7 | 127.4 | 127.3 | 127.3 | 127.5 | 127.3 | 127.3 | 127.3 | 127.5 | 127.3 |
| 168.0 | 133.6 | 133.4 | 133.2 | 133.3 | 133.4 | 133.3 | 133.2 | 133.3 | 133.4 | 133.3 |
| 171.0 | 138.7 | 138.6 | 138.4 | 138.4 | 138.6 | 138.5 | 138.3 | 138.5 | 138.6 | 138.4 |
| 174.0 | 143.0 | 142.9 | 142.6 | 142.8 | 142.9 | 142.8 | 142.6 | 142.8 | 142.9 | 142.8 |
| 177.0 | 145.6 | 145.5 | 145.2 | 145.4 | 145.6 | 145.4 | 145.2 | 145.4 | 145.6 | 145.4 |
| 180.0 | 147.0 | 146.8 | 146.5 | 146.6 | 146.9 | 146.7 | 146.6 | 146.7 | 146.9 | 146.6 |
| G/C   | 150.0 | 165.0 | 180.0 | 195.0 | 210.0 | 225.0 | 240.0 | 255.0 | 270.0 | 285.0 |
| 0.0   | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 | 16292 |
| 3.0   | 16300 | 16301 | 16300 | 16301 | 16300 | 16299 | 16299 | 16300 | 16300 | 16300 |
| 6.0   | 16322 | 16323 | 16320 | 16323 | 16322 | 16322 | 16321 | 16322 | 16321 | 16322 |
| 9.0   | 16360 | 16361 | 16355 | 16361 | 16360 | 16358 | 16358 | 16358 | 16357 | 16358 |
| 12.0  | 16406 | 16408 | 16400 | 16408 | 16406 | 16404 | 16403 | 16402 | 16401 | 16402 |
| 15.0  | 16449 | 16451 | 16440 | 16451 | 16449 | 16448 | 16447 | 16446 | 16445 | 16446 |
| 18.0  | 16477 | 16479 | 16467 | 16479 | 16477 | 16475 | 16474 | 16474 | 16473 | 16474 |
| 21.0  | 16467 | 16471 | 16460 | 16471 | 16467 | 16463 | 16462 | 16461 | 16460 | 16461 |
| 24.0  | 16389 | 16395 | 16389 | 16389 | 16389 | 16383 | 16378 | 16376 | 16376 | 16378 |
| 27.0  | 16172 | 16180 | 16181 | 16180 | 16172 | 16163 | 16154 | 16150 | 16148 | 16150 |
| 30.0  | 15697 | 15705 | 15723 | 15705 | 15697 | 15681 | 15667 | 15660 | 15660 | 15660 |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: QC  
 Test Date: 2020-04-08

v Range: 0 - 180DEG  
 v Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 53.0%  
 Test Distance: 10.380m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 33.0  | 14936 | 14951 | 14990 | 14951 | 14936 | 14918 | 14901 | 14897 | 14897 | 14897 |
| 36.0  | 13884 | 13901 | 13961 | 13901 | 13884 | 13864 | 13850 | 13850 | 13849 | 13850 |
| 39.0  | 12450 | 12458 | 12532 | 12458 | 12450 | 12436 | 12430 | 12436 | 12443 | 12436 |
| 42.0  | 10548 | 10545 | 10618 | 10545 | 10548 | 10554 | 10557 | 10574 | 10587 | 10574 |
| 45.0  | 8238  | 8232  | 8299  | 8232  | 8238  | 8244  | 8260  | 8275  | 8288  | 8275  |
| 48.0  | 5816  | 5822  | 5853  | 5822  | 5816  | 5833  | 5838  | 5867  | 5846  | 5867  |
| 51.0  | 3726  | 3721  | 3739  | 3721  | 3726  | 3735  | 3749  | 3757  | 3751  | 3757  |
| 54.0  | 2291  | 2267  | 2267  | 2267  | 2291  | 2290  | 2323  | 2316  | 2314  | 2316  |
| 57.0  | 1422  | 1411  | 1400  | 1411  | 1422  | 1440  | 1457  | 1468  | 1468  | 1468  |
| 60.0  | 950.2 | 937.3 | 925.3 | 937.3 | 950.2 | 967.0 | 980.2 | 995.1 | 997.4 | 995.1 |
| 63.0  | 677.0 | 666.7 | 652.7 | 666.7 | 677.0 | 689.6 | 698.8 | 712.2 | 714.5 | 712.2 |
| 66.0  | 510.9 | 503.7 | 491.2 | 503.7 | 510.9 | 520.8 | 525.5 | 536.9 | 539.1 | 536.9 |
| 69.0  | 389.5 | 385.4 | 375.0 | 385.4 | 389.5 | 397.7 | 399.5 | 406.3 | 410.7 | 406.3 |
| 72.0  | 295.1 | 293.0 | 285.8 | 293.0 | 295.1 | 300.2 | 300.9 | 306.6 | 307.2 | 306.6 |
| 75.0  | 212.7 | 211.9 | 207.3 | 211.9 | 212.7 | 217.2 | 218.5 | 221.8 | 221.7 | 221.8 |
| 78.0  | 138.0 | 138.5 | 136.1 | 138.5 | 138.0 | 142.9 | 146.3 | 147.6 | 145.8 | 147.6 |
| 81.0  | 76.07 | 77.08 | 75.44 | 77.08 | 76.07 | 80.34 | 84.87 | 86.09 | 82.33 | 86.09 |
| 84.0  | 27.71 | 28.29 | 27.30 | 28.29 | 27.71 | 29.13 | 31.48 | 32.68 | 29.70 | 32.68 |
| 87.0  | 7.623 | 7.537 | 7.521 | 7.537 | 7.623 | 7.594 | 7.458 | 7.570 | 7.707 | 7.570 |
| 90.0  | 3.611 | 3.602 | 3.646 | 3.602 | 3.611 | 3.629 | 3.584 | 3.626 | 3.691 | 3.626 |
| 93.0  | 5.085 | 5.088 | 5.160 | 5.088 | 5.085 | 5.097 | 5.024 | 5.066 | 5.172 | 5.066 |
| 96.0  | 7.105 | 7.097 | 7.209 | 7.097 | 7.105 | 7.115 | 7.041 | 7.098 | 7.194 | 7.098 |
| 99.0  | 9.612 | 9.606 | 9.728 | 9.606 | 9.612 | 9.631 | 9.554 | 9.600 | 9.692 | 9.600 |
| 102.0 | 12.53 | 12.52 | 12.64 | 12.52 | 12.53 | 12.53 | 12.48 | 12.54 | 12.61 | 12.54 |
| 105.0 | 15.79 | 15.80 | 15.89 | 15.80 | 15.79 | 15.82 | 15.78 | 15.83 | 15.90 | 15.83 |
| 108.0 | 19.50 | 19.49 | 19.58 | 19.49 | 19.50 | 19.51 | 19.48 | 19.53 | 19.57 | 19.53 |
| 111.0 | 23.60 | 23.61 | 23.68 | 23.61 | 23.60 | 23.63 | 23.61 | 23.63 | 23.68 | 23.63 |
| 114.0 | 28.13 | 28.15 | 28.23 | 28.15 | 28.13 | 28.15 | 28.15 | 28.18 | 28.19 | 28.18 |
| 117.0 | 33.08 | 33.12 | 33.20 | 33.12 | 33.08 | 32.97 | 33.11 | 33.12 | 33.15 | 33.12 |
| 120.0 | 38.50 | 38.53 | 38.66 | 38.53 | 38.50 | 38.51 | 38.52 | 38.52 | 38.55 | 38.52 |
| 123.0 | 44.36 | 44.38 | 44.56 | 44.38 | 44.36 | 44.35 | 44.34 | 44.34 | 44.37 | 44.34 |
| 126.0 | 50.52 | 50.57 | 50.76 | 50.57 | 50.52 | 50.49 | 50.47 | 50.44 | 50.49 | 50.44 |
| 129.0 | 56.84 | 56.90 | 57.06 | 56.90 | 56.84 | 56.81 | 56.75 | 56.75 | 56.79 | 56.75 |
| 132.0 | 63.24 | 63.28 | 63.45 | 63.28 | 63.24 | 63.20 | 63.13 | 63.12 | 63.16 | 63.12 |
| 135.0 | 69.28 | 69.36 | 69.43 | 69.36 | 69.28 | 69.34 | 69.16 | 69.26 | 69.23 | 69.26 |
| 138.0 | 75.21 | 75.28 | 75.34 | 75.28 | 75.21 | 75.27 | 75.10 | 75.18 | 75.17 | 75.18 |
| 141.0 | 80.84 | 80.97 | 81.13 | 80.97 | 80.84 | 81.02 | 80.86 | 80.89 | 80.83 | 80.89 |
| 144.0 | 86.24 | 86.28 | 86.43 | 86.28 | 86.24 | 86.27 | 86.18 | 86.20 | 86.23 | 86.20 |
| 147.0 | 91.50 | 91.56 | 91.58 | 91.56 | 91.50 | 91.52 | 91.43 | 91.49 | 91.51 | 91.49 |
| 150.0 | 96.99 | 97.05 | 97.09 | 97.05 | 96.99 | 96.99 | 96.94 | 96.99 | 97.01 | 96.99 |
| 153.0 | 102.6 | 102.6 | 102.7 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 |
| 156.0 | 108.6 | 108.6 | 108.8 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 | 108.6 |
| 159.0 | 114.8 | 115.0 | 115.2 | 115.0 | 114.8 | 114.9 | 115.0 | 114.8 | 114.9 | 114.8 |
| 162.0 | 121.2 | 121.3 | 121.6 | 121.3 | 121.2 | 121.2 | 121.3 | 121.2 | 121.2 | 121.2 |
| 165.0 | 127.3 | 127.4 | 127.7 | 127.4 | 127.3 | 127.3 | 127.5 | 127.3 | 127.3 | 127.3 |
| 168.0 | 133.2 | 133.4 | 133.6 | 133.4 | 133.2 | 133.3 | 133.4 | 133.3 | 133.2 | 133.3 |
| 171.0 | 138.4 | 138.6 | 138.7 | 138.6 | 138.4 | 138.4 | 138.6 | 138.5 | 138.3 | 138.5 |
| 174.0 | 142.6 | 142.9 | 143.0 | 142.9 | 142.6 | 142.8 | 142.9 | 142.8 | 142.6 | 142.8 |
| 177.0 | 145.2 | 145.5 | 145.6 | 145.5 | 145.2 | 145.4 | 145.6 | 145.4 | 145.2 | 145.4 |
| 180.0 | 146.5 | 146.8 | 147.0 | 146.8 | 146.5 | 146.6 | 146.9 | 146.7 | 146.6 | 146.7 |
| G/C   | 300.0 | 315.0 | 330.0 | 345.0 |       |       |       |       |       |       |
| 0.0   | 16292 | 16292 | 16292 | 16292 |       |       |       |       |       |       |
| 3.0   | 16299 | 16299 | 16300 | 16301 |       |       |       |       |       |       |
| 6.0   | 16321 | 16322 | 16322 | 16323 |       |       |       |       |       |       |
| 9.0   | 16358 | 16358 | 16360 | 16361 |       |       |       |       |       |       |
| 12.0  | 16403 | 16404 | 16406 | 16408 |       |       |       |       |       |       |
| 15.0  | 16447 | 16448 | 16449 | 16451 |       |       |       |       |       |       |
| 18.0  | 16474 | 16475 | 16477 | 16479 |       |       |       |       |       |       |
| 21.0  | 16462 | 16463 | 16467 | 16471 |       |       |       |       |       |       |
| 24.0  | 16378 | 16383 | 16389 | 16395 |       |       |       |       |       |       |
| 27.0  | 16154 | 16163 | 16172 | 16180 |       |       |       |       |       |       |
| 30.0  | 15667 | 15681 | 15697 | 15705 |       |       |       |       |       |       |
| 33.0  | 14901 | 14918 | 14936 | 14951 |       |       |       |       |       |       |
| 36.0  | 13850 | 13864 | 13884 | 13901 |       |       |       |       |       |       |
| 39.0  | 12430 | 12436 | 12450 | 12458 |       |       |       |       |       |       |
| 42.0  | 10557 | 10554 | 10548 | 10545 |       |       |       |       |       |       |
| 45.0  | 8260  | 8244  | 8238  | 8232  |       |       |       |       |       |       |
| 48.0  | 5838  | 5833  | 5816  | 5822  |       |       |       |       |       |       |
| 51.0  | 3749  | 3735  | 3726  | 3721  |       |       |       |       |       |       |
| 54.0  | 2323  | 2290  | 2291  | 2267  |       |       |       |       |       |       |
| 57.0  | 1457  | 1440  | 1422  | 1411  |       |       |       |       |       |       |
| 60.0  | 980.2 | 967.0 | 950.2 | 937.3 |       |       |       |       |       |       |
| 63.0  | 698.8 | 689.6 | 677.0 | 666.7 |       |       |       |       |       |       |
| 66.0  | 525.5 | 520.8 | 510.9 | 503.7 |       |       |       |       |       |       |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: QC  
 Test Date: 2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 53.0%  
 Test Distance: 10.380m [K=1.0000]  
 Remarks:



## Photometric Data Table [cd]

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 69.0  | 399.5 | 397.7 | 389.5 | 385.4 |
| 72.0  | 300.9 | 300.2 | 295.1 | 293.0 |
| 75.0  | 218.5 | 217.2 | 212.7 | 211.9 |
| 78.0  | 146.3 | 142.9 | 138.0 | 138.5 |
| 81.0  | 84.87 | 80.34 | 76.07 | 77.08 |
| 84.0  | 31.48 | 29.13 | 27.71 | 28.29 |
| 87.0  | 7.458 | 7.594 | 7.623 | 7.537 |
| 90.0  | 3.584 | 3.629 | 3.611 | 3.602 |
| 93.0  | 5.024 | 5.097 | 5.085 | 5.088 |
| 96.0  | 7.041 | 7.115 | 7.105 | 7.097 |
| 99.0  | 9.554 | 9.631 | 9.612 | 9.606 |
| 102.0 | 12.48 | 12.53 | 12.53 | 12.52 |
| 105.0 | 15.78 | 15.82 | 15.79 | 15.80 |
| 108.0 | 19.48 | 19.51 | 19.50 | 19.49 |
| 111.0 | 23.61 | 23.63 | 23.60 | 23.61 |
| 114.0 | 28.15 | 28.15 | 28.13 | 28.15 |
| 117.0 | 33.11 | 32.97 | 33.08 | 33.12 |
| 120.0 | 38.52 | 38.51 | 38.50 | 38.53 |
| 123.0 | 44.34 | 44.35 | 44.36 | 44.38 |
| 126.0 | 50.47 | 50.49 | 50.52 | 50.57 |
| 129.0 | 56.75 | 56.81 | 56.84 | 56.90 |
| 132.0 | 63.13 | 63.20 | 63.24 | 63.28 |
| 135.0 | 69.16 | 69.34 | 69.28 | 69.36 |
| 138.0 | 75.10 | 75.27 | 75.21 | 75.28 |
| 141.0 | 80.86 | 81.02 | 80.84 | 80.97 |
| 144.0 | 86.18 | 86.27 | 86.24 | 86.28 |
| 147.0 | 91.43 | 91.52 | 91.50 | 91.56 |
| 150.0 | 96.94 | 96.99 | 96.99 | 97.05 |
| 153.0 | 102.6 | 102.6 | 102.6 | 102.6 |
| 156.0 | 108.6 | 108.6 | 108.6 | 108.6 |
| 159.0 | 115.0 | 114.9 | 114.8 | 115.0 |
| 162.0 | 121.3 | 121.2 | 121.2 | 121.3 |
| 165.0 | 127.5 | 127.3 | 127.3 | 127.4 |
| 168.0 | 133.4 | 133.3 | 133.2 | 133.4 |
| 171.0 | 138.6 | 138.4 | 138.4 | 138.6 |
| 174.0 | 142.9 | 142.8 | 142.6 | 142.9 |
| 177.0 | 145.6 | 145.4 | 145.2 | 145.5 |
| 180.0 | 146.9 | 146.6 | 146.5 | 146.8 |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: QC  
 Test Date: 2020-04-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 53.0%  
 Test Distance: 10.380m [K=1.0000]  
 Remarks: