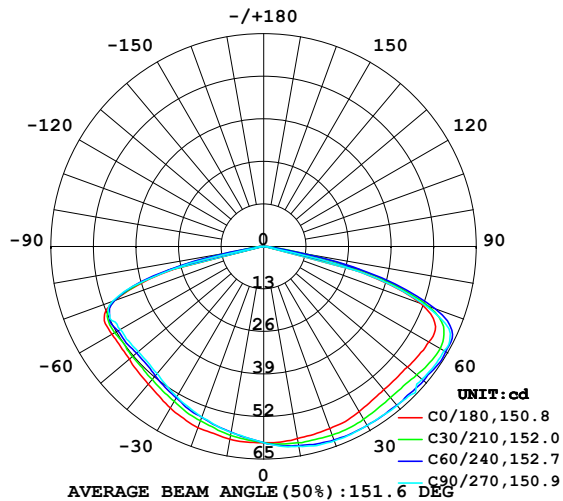


## LUMINAIRE PHOTOMETRIC TEST REPORT

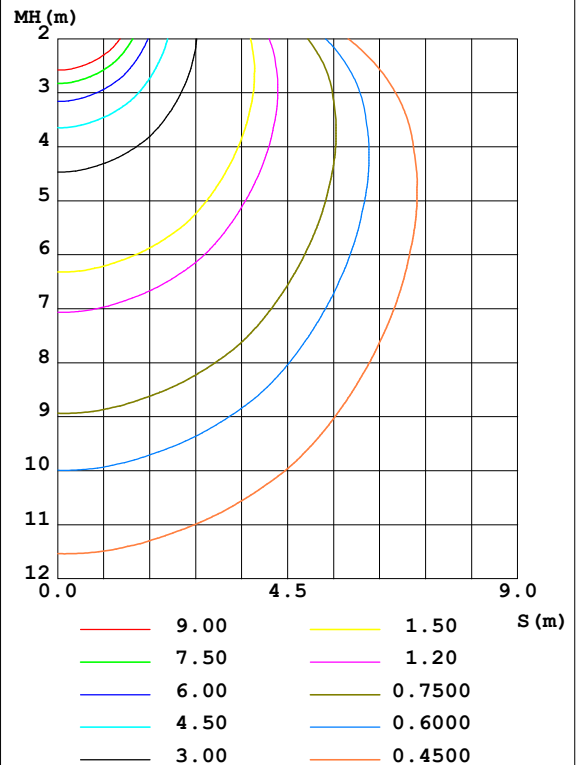
|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |

| DATA OF LAMP     |                | PHOTOMETRIC DATA Eff: 156.41 lm/W |        |                   |          |
|------------------|----------------|-----------------------------------|--------|-------------------|----------|
| MODEL            | 600-027_029_RL | I <sub>max</sub> (cd)             | 64.51  | S/MH(C0/180)      | 1.43     |
| NOMINAL POWER(W) | 3              | LOR(%)                            | 100.0  | S/MH(C90/270)     | 1.34     |
| RATED VOLTAGE(V) | 200-240        | TOTAL FLUX(lm)                    | 272.15 | η UP,DN(C0-180)   | 0.0,52.9 |
| NOMINAL FLUX(lm) | 272.149        | CIE CLASS                         | DIRECT | η UP,DN(C180-360) | 0.0,47.1 |
| LAMPS INSIDE     | 1              | η up(%)                           | 0.0    | CIBSE SHR NOM     | 1.75     |
| TEST VOLTAGE(V)  | 2.89           | η down(%)                         | 100.0  | CIBSE SHR MAX     | 1.75     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

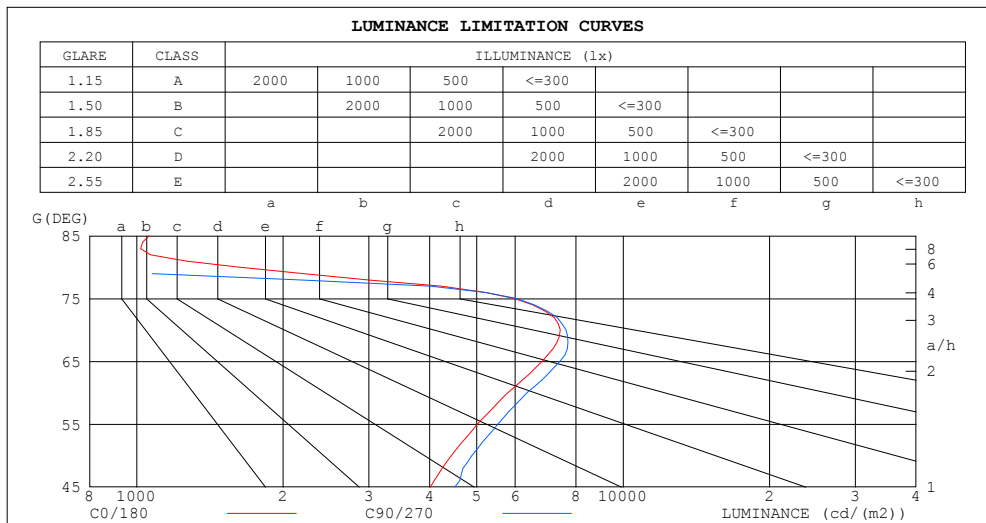
| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 59.63                 | 61.44  | 62.03  | 61.43  | 59.81  | 57.93  | 57.75  | 58.72  | 0- 10    | 5.721       | 5.721        | 2.1,2.1    |
| 20       | 59.20                 | 62.29  | 63.16  | 61.74  | 58.92  | 55.98  | 55.51  | 57.13  | 10- 20   | 16.88       | 22.60        | 8.3,8.3    |
| 30       | 58.30                 | 62.12  | 63.20  | 60.81  | 57.05  | 54.19  | 53.04  | 55.30  | 20- 30   | 27.15       | 49.75        | 18.3,18.3  |
| 40       | 57.14                 | 62.23  | 63.44  | 60.38  | 54.90  | 52.47  | 50.73  | 53.20  | 30- 40   | 36.02       | 85.77        | 31.5,31.5  |
| 50       | 57.34                 | 62.83  | 63.15  | 60.72  | 53.57  | 51.65  | 50.04  | 52.16  | 40- 50   | 43.79       | 129.6        | 47.6,47.6  |
| 60       | 58.28                 | 64.02  | 63.73  | 60.74  | 53.61  | 52.61  | 50.79  | 52.51  | 50- 60   | 50.91       | 180.5        | 66.3,66.3  |
| 70       | 51.08                 | 54.87  | 52.40  | 52.95  | 48.50  | 48.51  | 49.12  | 48.53  | 60- 70   | 55.40       | 235.9        | 86.7,86.7  |
| 80       | 5.691                 | 12.77  | 2.747  | 12.21  | 7.074  | 11.35  | 3.049  | 10.32  | 70- 80   | 33.74       | 269.6        | 99.1,99.1  |
| 90       | 0.0625                | 0.0686 | 0.0624 | 0.0748 | 0.0750 | 0.0686 | 0.0811 | 0.0687 | 80- 90   | 2.433       | 272.1        | 100,100    |
| 100      | 0.1249                | 0.0338 | 0.0811 | 0.0321 | 0.0339 | 0.1371 | 0.0339 | 0.1372 | 90-100   | 0.0894      | 272.1        | 100,100    |
| 110      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110  | 0.0056      | 272.1        | 100,100    |
| 120      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120  | 0           | 272.1        | 100,100    |
| 130      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130  | 0           | 272.1        | 100,100    |
| 140      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140  | 0           | 272.1        | 100,100    |
| 150      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150  | 0           | 272.1        | 100,100    |
| 160      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160  | 0           | 272.1        | 100,100    |
| 170      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170  | 0           | 272.1        | 100,100    |
| 180      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180  | 0           | 272.1        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-03-05

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1060   | 805     |
| 80                | 1629   | 787     |
| 75                | 5990   | 6048    |
| 70                | 7422   | 7626    |
| 65                | 6812   | 7414    |
| 60                | 5793   | 6345    |
| 55                | 5017   | 5526    |
| 50                | 4434   | 4891    |
| 45                | 4016   | 4501    |

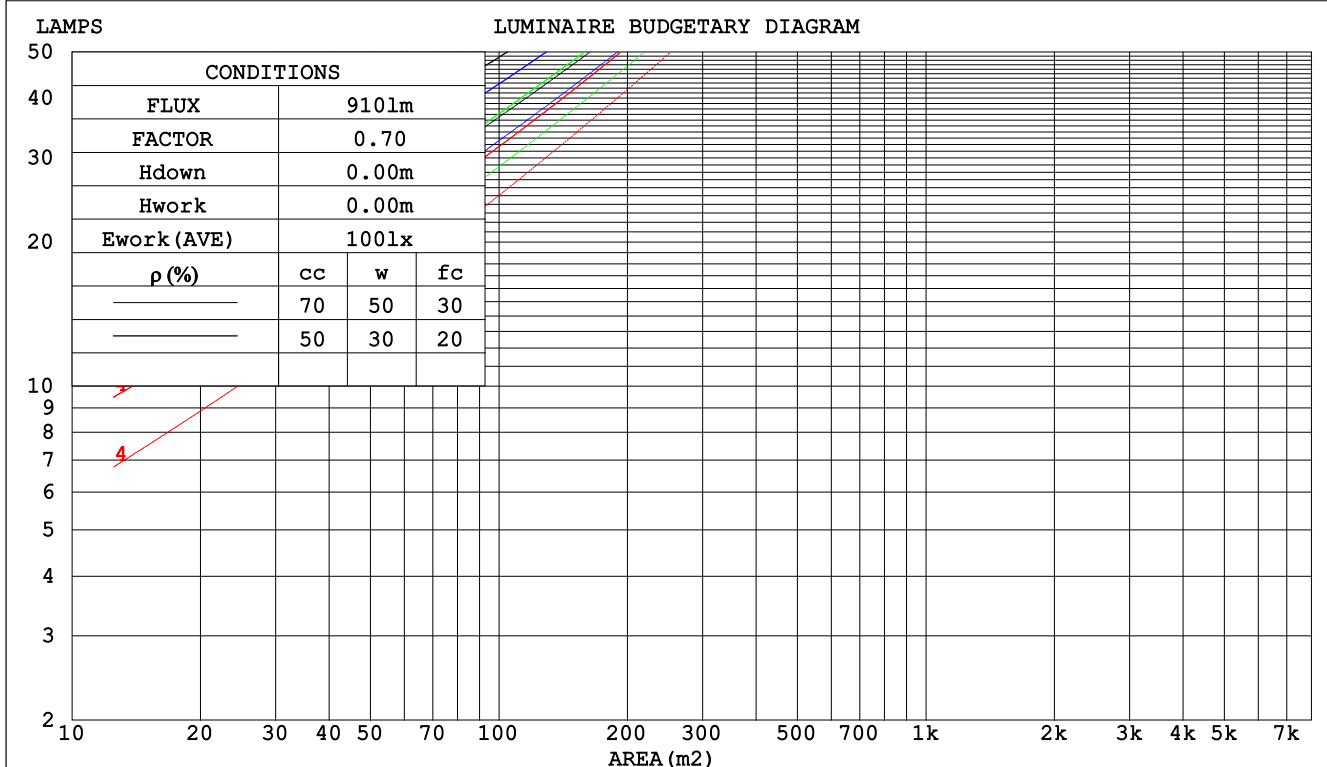
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | 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 |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |     |
| 0.0  | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11                            | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0  | 1.02                  | .97  | .92  | .99  | .95  | .91  | .95                             | .91  | .88  | .91  | .88  | .85  | .87  | .85  | .83  | .80 |
| 2.0  | .86                   | .78  | .71  | .84  | .77  | .71  | .80                             | .74  | .69  | .77  | .72  | .67  | .74  | .69  | .66  | .63 |
| 3.0  | .73                   | .64  | .57  | .72  | .63  | .56  | .69                             | .61  | .55  | .66  | .59  | .54  | .63  | .58  | .53  | .51 |
| 4.0  | .64                   | .54  | .46  | .62  | .53  | .46  | .60                             | .52  | .45  | .57  | .50  | .44  | .55  | .49  | .44  | .41 |
| 5.0  | .56                   | .46  | .38  | .55  | .45  | .38  | .53                             | .44  | .38  | .50  | .43  | .37  | .48  | .42  | .37  | .34 |
| 6.0  | .50                   | .40  | .33  | .49  | .39  | .33  | .47                             | .38  | .32  | .45  | .38  | .32  | .43  | .37  | .32  | .29 |
| 7.0  | .45                   | .35  | .28  | .44  | .35  | .28  | .42                             | .34  | .28  | .41  | .33  | .28  | .39  | .32  | .27  | .25 |
| 8.0  | .40                   | .31  | .25  | .40  | .31  | .25  | .38                             | .30  | .24  | .37  | .30  | .24  | .36  | .29  | .24  | .22 |
| 9.0  | .37                   | .28  | .22  | .36  | .28  | .22  | .35                             | .27  | .22  | .34  | .27  | .22  | .33  | .26  | .21  | .19 |
| 10.0 | .34                   | .25  | .20  | .33  | .25  | .20  | .32                             | .25  | .19  | .31  | .24  | .19  | .30  | .24  | .19  | .17 |



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-03-05

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

### WEC AND CCEC

|                                                                              |  |  |                  |  |                  |
|------------------------------------------------------------------------------|--|--|------------------|--|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |  |  |                  |  |                  |
| NAME: 600-027_029_Round Lens                                                 |  |  | TYPE:3W          |  | WEIGHT:1         |
| SPEC.:5000K                                                                  |  |  | DIM.: 148mm*48mm |  | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        |  |  | SUR.:19*11       |  | 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  | .353                  | .201 | .064 | .345 | .197 | .063 | .332                            | .190 | .061 | .320 | .184 | .059 | .308 | .179 | .058 |   |  |
| 2.0  | .335                  | .184 | .056 | .329 | .181 | .056 | .316                            | .176 | .055 | .305 | .171 | .054 | .295 | .167 | .053 |   |  |
| 3.0  | .308                  | .164 | .049 | .302 | .162 | .049 | .291                            | .158 | .048 | .281 | .154 | .047 | .272 | .150 | .047 |   |  |
| 4.0  | .281                  | .146 | .043 | .275 | .144 | .043 | .266                            | .141 | .042 | .257 | .138 | .042 | .249 | .135 | .041 |   |  |
| 5.0  | .256                  | .131 | .038 | .252 | .129 | .038 | .243                            | .127 | .037 | .235 | .124 | .037 | .228 | .122 | .037 |   |  |
| 6.0  | .235                  | .118 | .034 | .231 | .117 | .034 | .224                            | .115 | .033 | .216 | .112 | .033 | .210 | .110 | .033 |   |  |
| 7.0  | .217                  | .107 | .030 | .213 | .106 | .030 | .207                            | .104 | .030 | .200 | .103 | .030 | .194 | .101 | .030 |   |  |
| 8.0  | .201                  | .098 | .028 | .198 | .097 | .028 | .192                            | .096 | .027 | .186 | .094 | .027 | .181 | .093 | .027 |   |  |
| 9.0  | .187                  | .090 | .025 | .184 | .090 | .025 | .179                            | .088 | .025 | .174 | .087 | .025 | .169 | .086 | .025 |   |  |
| 10.0 | .175                  | .084 | .023 | .172 | .083 | .023 | .167                            | .082 | .023 | .163 | .081 | .023 | .158 | .080 | .023 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .191                  | .191 | .191 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0  | .184                  | .156 | .131 | .157 | .134 | .113 | .107                                       | .092 | .078 | .062 | .053 | .045 | .020 | .017 | .015 |   |
| 2.0  | .178                  | .132 | .093 | .153 | .114 | .080 | .105                                       | .079 | .056 | .060 | .046 | .033 | .019 | .015 | .011 |   |
| 3.0  | .172                  | .115 | .069 | .147 | .099 | .060 | .101                                       | .069 | .042 | .058 | .040 | .025 | .019 | .013 | .008 |   |
| 4.0  | .165                  | .102 | .054 | .141 | .088 | .047 | .097                                       | .061 | .033 | .056 | .036 | .020 | .018 | .012 | .006 |   |
| 5.0  | .157                  | .092 | .044 | .135 | .080 | .038 | .093                                       | .056 | .027 | .054 | .033 | .016 | .017 | .011 | .005 |   |
| 6.0  | .150                  | .084 | .036 | .129 | .073 | .032 | .089                                       | .051 | .022 | .052 | .030 | .013 | .017 | .010 | .004 |   |
| 7.0  | .143                  | .077 | .031 | .123 | .067 | .027 | .085                                       | .047 | .019 | .049 | .028 | .011 | .016 | .009 | .004 |   |
| 8.0  | .136                  | .071 | .027 | .117 | .062 | .024 | .081                                       | .043 | .017 | .047 | .026 | .010 | .015 | .008 | .003 |   |
| 9.0  | .129                  | .066 | .024 | .111 | .058 | .021 | .077                                       | .040 | .015 | .045 | .024 | .009 | .015 | .008 | .003 |   |
| 10.0 | .123                  | .062 | .021 | .106 | .054 | .019 | .073                                       | .038 | .013 | .043 | .022 | .008 | .014 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

|                                                                              |                  |      |      |      |                  |                |      |                  |      |      |
|------------------------------------------------------------------------------|------------------|------|------|------|------------------|----------------|------|------------------|------|------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |      |      |      |                  |                |      |                  |      |      |
| NAME: 600-027_029_Round Lens                                                 |                  |      |      |      | TYPE:3W          |                |      | WEIGHT:1         |      |      |
| SPEC.:5000K                                                                  |                  |      |      |      | DIM.: 148mm*48mm |                |      | SERIAL No.:1     |      |      |
| MFR.: Tronix Lighting                                                        |                  |      |      |      | SUR.:19*11       |                |      | 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                                                                | 19.7             | 21.4 | 20.0 | 21.7 | 21.9             | 20.1           | 21.8 | 20.4             | 22.1 | 22.3 |
| 3H                                                                           | 22.5             | 24.1 | 22.9 | 24.4 | 24.6             | 22.9           | 24.5 | 23.2             | 24.7 | 25.0 |
| 4H                                                                           | 23.4             | 24.9 | 23.7 | 25.2 | 25.4             | 23.7           | 25.2 | 24.0             | 25.4 | 25.7 |
| 6H                                                                           | 23.5             | 24.9 | 23.8 | 25.2 | 25.5             | 23.7           | 25.1 | 24.1             | 25.4 | 25.7 |
| 8H                                                                           | 23.4             | 24.8 | 23.8 | 25.1 | 25.4             | 23.7           | 25.0 | 24.0             | 25.3 | 25.6 |
| 12H                                                                          | 23.4             | 24.7 | 23.7 | 25.0 | 25.3             | 23.6           | 24.9 | 24.0             | 25.2 | 25.6 |
| 4H 2H                                                                        | 20.9             | 22.4 | 21.3 | 22.7 | 23.0             | 21.2           | 22.7 | 21.5             | 23.0 | 23.3 |
| 3H                                                                           | 23.7             | 25.1 | 24.1 | 25.4 | 25.7             | 24.0           | 25.4 | 24.4             | 25.7 | 26.0 |
| 4H                                                                           | 24.6             | 25.9 | 25.0 | 26.2 | 26.5             | 24.9           | 26.1 | 25.3             | 26.4 | 26.8 |
| 6H                                                                           | 24.8             | 25.9 | 25.2 | 26.2 | 26.6             | 25.0           | 26.1 | 25.4             | 26.4 | 26.8 |
| 8H                                                                           | 24.8             | 25.8 | 25.2 | 26.1 | 26.5             | 24.9           | 26.0 | 25.4             | 26.3 | 26.7 |
| 12H                                                                          | 24.7             | 25.7 | 25.2 | 26.1 | 26.5             | 24.9           | 25.8 | 25.3             | 26.2 | 26.6 |
| 8H 4H                                                                        | 25.0             | 26.0 | 25.4 | 26.4 | 26.8             | 25.2           | 26.2 | 25.6             | 26.6 | 27.0 |
| 6H                                                                           | 25.2             | 26.1 | 25.7 | 26.5 | 26.9             | 25.4           | 26.2 | 25.8             | 26.6 | 27.1 |
| 8H                                                                           | 25.2             | 26.0 | 25.7 | 26.4 | 26.9             | 25.4           | 26.1 | 25.8             | 26.5 | 27.0 |
| 12H                                                                          | 25.2             | 25.8 | 25.7 | 26.3 | 26.8             | 25.3           | 26.0 | 25.8             | 26.4 | 26.9 |
| 12H 4H                                                                       | 25.0             | 25.9 | 25.4 | 26.3 | 26.7             | 25.2           | 26.1 | 25.6             | 26.5 | 26.9 |
| 6H                                                                           | 25.2             | 26.0 | 25.7 | 26.4 | 26.9             | 25.4           | 26.1 | 25.8             | 26.6 | 27.0 |
| 8H                                                                           | 25.2             | 25.9 | 25.7 | 26.3 | 26.8             | 25.4           | 26.0 | 25.8             | 26.5 | 26.9 |
| Variations with the observer position at spacings:                           |                  |      |      |      |                  |                |      |                  |      |      |
| S = 1.0H                                                                     | + 0.1 / - 0.1    |      |      |      |                  | + 0.1 / - 0.1  |      |                  |      |      |
| 1.5H                                                                         | + 0.2 / - 0.3    |      |      |      |                  | + 0.1 / - 0.3  |      |                  |      |      |
| 2.0H                                                                         | + 0.3 / - 0.5    |      |      |      |                  | + 0.3 / - 0.5  |      |                  |      |      |

CIE Pub.117, 272.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -4.5)

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

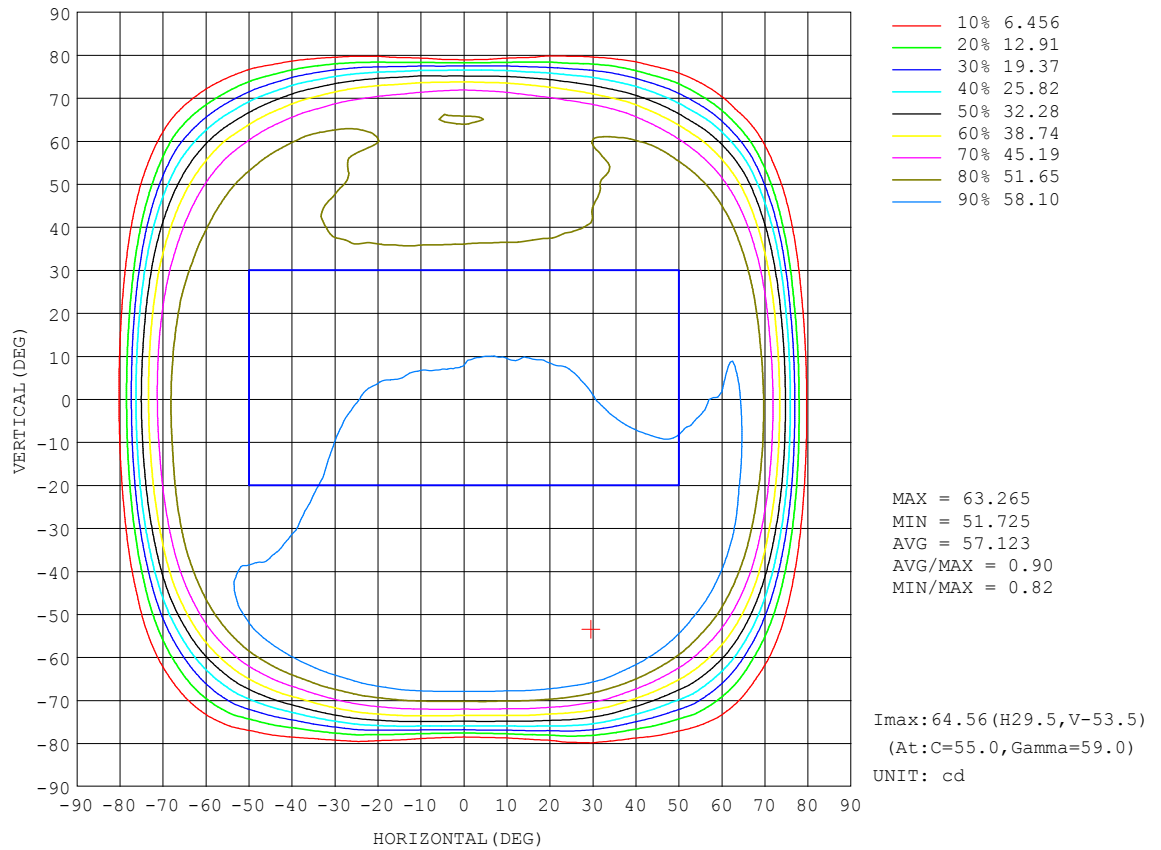
```

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.405.8
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

```

## ISOCANDELA DIAGRAM

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |

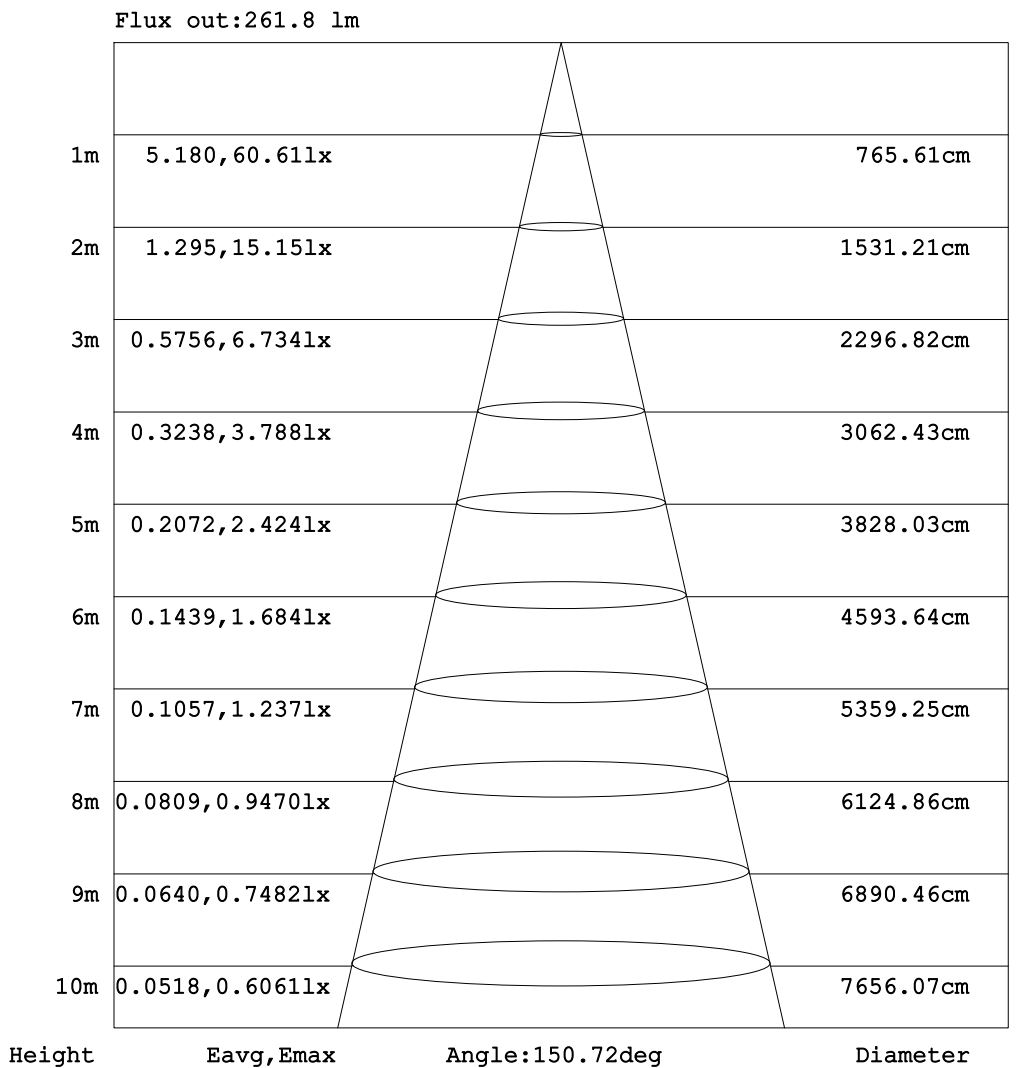


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |



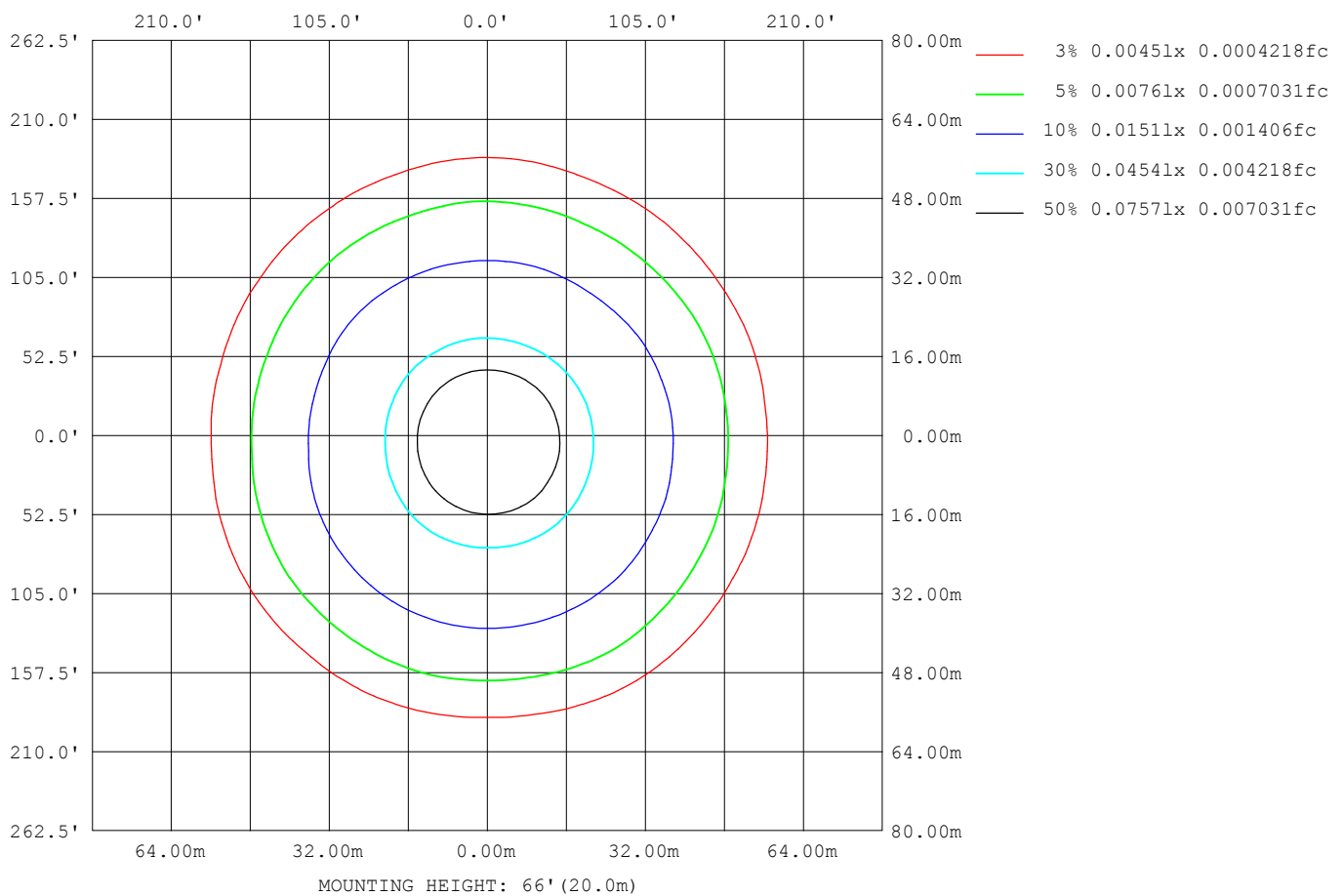
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |

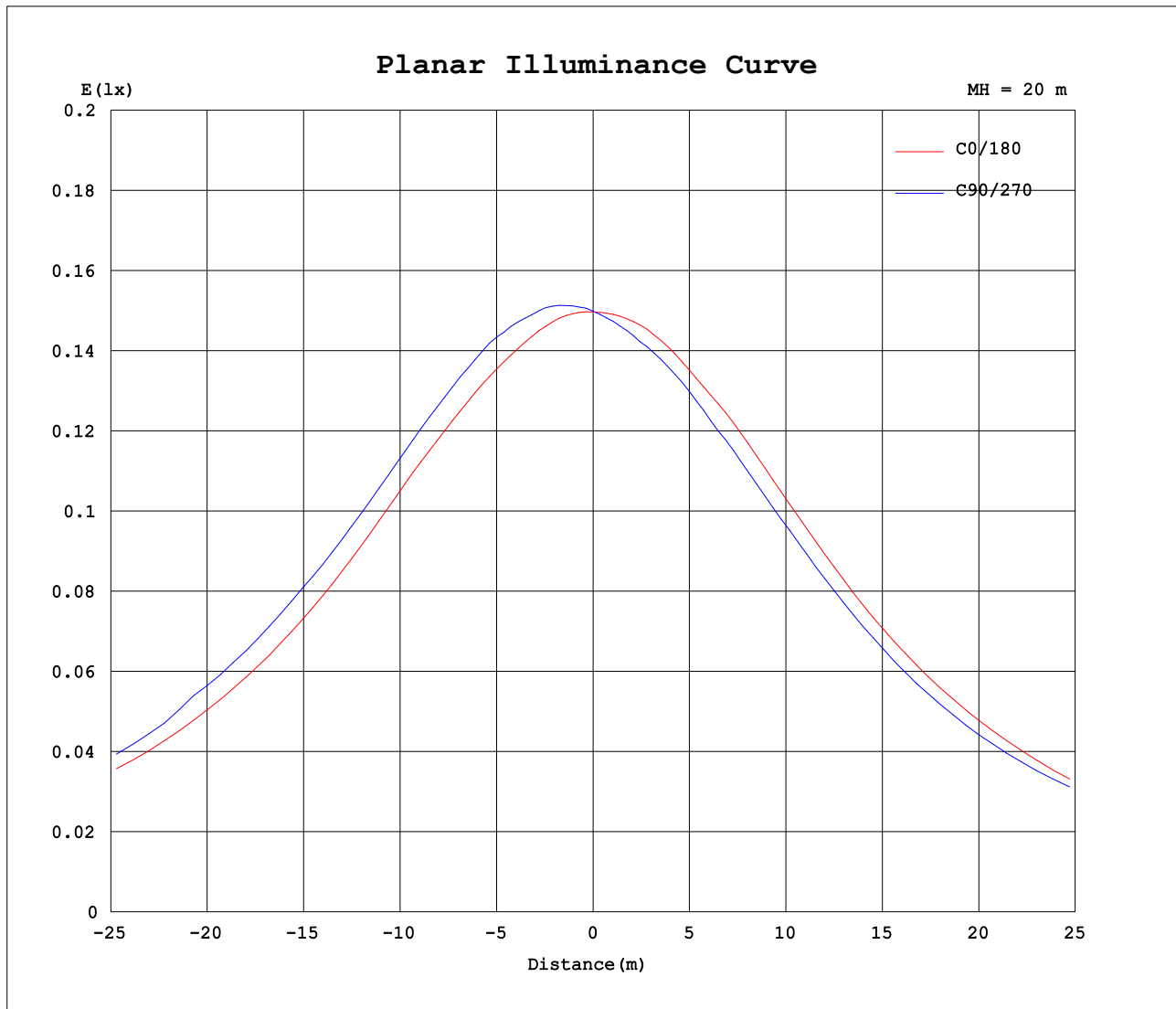
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 6576  |
| L_0~180 (75) av  | 6128  |
| L_0~180 (85) av  | 1017  |
| L_90~270 (65) av | 6765  |
| L_90~270 (75) av | 6176  |
| L_90~270 (85) av | 932   |
| L_45 (65) av     | 6705  |
| L_45 (75) av     | 6667  |
| L_45 (85) av     | 1248  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2020-03-05

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity: 65.0%  
Test Distance: 8.690m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| 5                  | 60.0 | 60.0 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 10                 | 59.6 | 59.8 | 60.1 | 60.2 | 60.5 | 60.7 | 60.9 | 61.2 | 61.3 | 61.4 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.0 |
| 15                 | 59.4 | 59.6 | 60.1 | 60.2 | 60.5 | 60.8 | 61.0 | 61.4 | 61.6 | 61.9 | 62.1 | 62.3 | 62.5 | 62.6 | 62.7 | 62.9 | 62.9 | 62.9 | 63.0 |
| 20                 | 59.2 | 59.4 | 59.9 | 60.2 | 60.6 | 60.9 | 61.3 | 61.7 | 62.0 | 62.3 | 62.5 | 62.8 | 62.9 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 |
| 25                 | 59.0 | 59.2 | 59.9 | 60.2 | 60.6 | 61.0 | 61.3 | 61.7 | 62.1 | 62.3 | 62.7 | 63.0 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| 30                 | 58.3 | 58.7 | 59.4 | 59.7 | 60.2 | 60.5 | 61.0 | 61.3 | 61.8 | 62.1 | 62.6 | 62.9 | 63.1 | 63.3 | 63.3 | 63.3 | 63.4 | 63.2 | 63.2 |
| 35                 | 57.6 | 58.0 | 58.8 | 59.2 | 59.7 | 60.0 | 60.6 | 60.9 | 61.5 | 62.0 | 62.6 | 63.0 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.2 | 63.2 |
| 40                 | 57.1 | 57.7 | 58.4 | 58.9 | 59.5 | 59.8 | 60.3 | 60.8 | 61.6 | 62.2 | 62.7 | 63.1 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.4 |
| 45                 | 57.1 | 57.6 | 58.3 | 59.0 | 59.5 | 59.9 | 60.4 | 61.0 | 61.7 | 62.4 | 62.8 | 63.3 | 63.4 | 63.6 | 63.9 | 64.0 | 64.0 | 63.9 | 63.9 |
| 50                 | 57.3 | 57.8 | 58.5 | 59.3 | 59.8 | 60.4 | 61.1 | 61.8 | 62.3 | 62.8 | 63.3 | 63.6 | 63.8 | 63.6 | 63.6 | 63.6 | 63.5 | 63.2 | 63.2 |
| 55                 | 57.9 | 58.4 | 59.1 | 59.9 | 60.7 | 61.3 | 61.9 | 62.6 | 63.0 | 63.5 | 63.6 | 64.0 | 64.2 | 64.2 | 64.0 | 63.9 | 63.9 | 63.7 | 63.7 |
| 60                 | 58.3 | 58.8 | 59.5 | 60.4 | 61.2 | 61.7 | 62.4 | 62.9 | 63.6 | 64.0 | 64.4 | 64.4 | 64.3 | 64.1 | 64.0 | 63.9 | 64.0 | 63.6 | 63.7 |
| 65                 | 57.9 | 58.2 | 58.8 | 59.6 | 60.3 | 60.6 | 60.8 | 61.3 | 62.1 | 62.6 | 63.0 | 63.4 | 63.6 | 63.6 | 63.6 | 63.2 | 63.2 | 63.0 | 62.9 |
| 70                 | 51.1 | 51.4 | 51.8 | 52.6 | 53.0 | 53.5 | 53.6 | 54.4 | 54.5 | 54.9 | 55.4 | 55.8 | 55.7 | 55.2 | 54.6 | 53.8 | 53.0 | 52.8 | 52.4 |
| 75                 | 31.2 | 31.7 | 32.3 | 33.2 | 34.3 | 35.3 | 35.8 | 36.1 | 35.9 | 36.2 | 36.6 | 37.5 | 37.4 | 36.4 | 35.2 | 34.3 | 32.8 | 32.1 | 31.4 |
| 80                 | 5.69 | 6.05 | 6.77 | 7.73 | 8.84 | 10.9 | 12.4 | 13.5 | 12.8 | 12.8 | 12.0 | 12.0 | 11.5 | 9.61 | 5.71 | 4.01 | 3.23 | 2.88 | 2.75 |
| 85                 | 1.86 | 1.83 | 1.80 | 1.81 | 1.81 | 1.86 | 1.96 | 2.04 | 2.17 | 2.11 | 2.14 | 2.12 | 1.99 | 1.63 | 1.54 | 1.42 | 1.44 | 1.38 | 1.41 |
| 90                 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 |
| 95                 | 0.06 | 0.12 | 0.06 | 0.11 | 0.06 | 0.11 | 0.06 | 0.10 | 0.06 | 0.12 | 0.06 | 0.10 | 0.06 | 0.09 | 0.06 | 0.11 | 0.06 | 0.07 | 0.06 |
| 100                | 0.12 | 0.04 | 0.12 | 0.03 | 0.11 | 0.04 | 0.11 | 0.11 | 0.11 | 0.03 | 0.11 | 0.03 | 0.11 | 0.02 | 0.09 | 0.03 | 0.10 | 0.02 | 0.08 |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| 5                  | 61.3 | 61.3 | 61.2 | 61.2 | 61.1 | 61.0 | 61.0 | 60.9 | 60.8 | 60.7 | 60.6 | 60.5 | 60.4 | 60.4 | 60.3 | 60.2 | 60.1 | 60.0 | 59.8 |
| 10                 | 62.0 | 62.0 | 61.9 | 61.9 | 61.8 | 61.7 | 61.7 | 61.5 | 61.4 | 61.2 | 61.0 | 60.9 | 60.7 | 60.5 | 60.3 | 60.2 | 60.0 | 59.8 | 59.6 |
| 15                 | 63.0 | 62.9 | 62.7 | 62.7 | 62.5 | 62.3 | 62.2 | 61.9 | 61.7 | 61.4 | 61.2 | 61.0 | 60.6 | 60.4 | 60.0 | 59.9 | 59.5 | 59.2 | 59.0 |
| 20                 | 63.2 | 63.1 | 62.9 | 62.9 | 62.6 | 62.4 | 62.1 | 62.1 | 61.7 | 61.6 | 61.1 | 60.9 | 60.4 | 60.2 | 59.8 | 59.5 | 59.2 | 58.9 | 58.6 |
| 25                 | 63.2 | 63.1 | 63.0 | 62.8 | 62.4 | 62.2 | 61.9 | 61.7 | 61.4 | 61.3 | 60.9 | 60.6 | 60.0 | 59.7 | 59.2 | 58.9 | 58.4 | 58.0 | 57.7 |
| 30                 | 63.1 | 63.0 | 62.8 | 62.7 | 62.4 | 62.2 | 61.7 | 61.4 | 60.8 | 60.7 | 60.2 | 59.9 | 59.3 | 58.8 | 58.3 | 57.8 | 57.4 | 57.0 | 56.7 |
| 35                 | 63.2 | 63.1 | 62.8 | 62.7 | 62.2 | 61.9 | 61.3 | 61.1 | 60.6 | 60.2 | 59.5 | 59.0 | 58.3 | 57.9 | 57.2 | 56.7 | 56.1 | 55.8 | 55.5 |
| 40                 | 63.4 | 63.2 | 63.0 | 62.7 | 62.3 | 62.0 | 61.5 | 60.9 | 60.4 | 60.0 | 59.2 | 58.5 | 57.6 | 56.9 | 56.1 | 55.6 | 55.1 | 54.9 | 54.6 |
| 45                 | 63.9 | 63.7 | 63.3 | 62.9 | 62.4 | 62.1 | 61.6 | 61.1 | 60.6 | 59.9 | 58.9 | 58.1 | 57.2 | 56.5 | 55.7 | 55.1 | 54.5 | 54.2 | 54.0 |
| 50                 | 63.2 | 63.1 | 62.8 | 62.5 | 62.2 | 62.2 | 61.9 | 61.4 | 60.7 | 59.8 | 58.7 | 57.8 | 57.0 | 56.4 | 55.6 | 54.9 | 54.1 | 53.6 | 53.0 |
| 55                 | 63.6 | 63.7 | 63.5 | 63.0 | 62.8 | 62.5 | 61.9 | 61.4 | 60.6 | 59.8 | 58.9 | 58.0 | 57.2 | 56.5 | 55.7 | 54.8 | 53.9 | 53.4 | 53.0 |
| 60                 | 63.8 | 63.9 | 63.7 | 63.3 | 63.1 | 62.8 | 62.2 | 61.6 | 60.7 | 60.0 | 59.3 | 58.5 | 57.8 | 56.9 | 56.1 | 55.2 | 54.0 | 53.6 | 53.1 |
| 65                 | 62.8 | 62.8 | 62.4 | 61.8 | 61.7 | 61.5 | 61.2 | 60.8 | 60.2 | 59.8 | 59.2 | 58.6 | 57.6 | 56.9 | 56.0 | 55.0 | 54.0 | 53.7 | 53.6 |
| 70                 | 52.7 | 53.1 | 53.6 | 53.7 | 53.8 | 53.5 | 53.4 | 53.0 | 53.0 | 53.0 | 52.9 | 52.3 | 51.7 | 51.0 | 50.4 | 49.3 | 48.6 | 48.5 | 48.6 |
| 75                 | 32.2 | 33.1 | 34.5 | 35.1 | 36.0 | 35.8 | 35.4 | 35.0 | 35.5 | 35.6 | 35.7 | 34.8 | 34.2 | 33.3 | 33.0 | 32.2 | 32.2 | 32.5 | 32.3 |
| 80                 | 2.93 | 3.34 | 4.64 | 6.33 | 8.38 | 9.23 | 10.1 | 10.9 | 12.2 | 12.8 | 14.0 | 13.2 | 11.7 | 9.63 | 8.44 | 7.06 | 6.73 | 7.07 | 7.23 |
| 85                 | 1.38 | 1.47 | 1.47 | 1.60 | 1.70 | 1.90 | 1.93 | 2.07 | 2.10 | 2.25 | 2.36 | 2.19 | 2.06 | 1.92 | 1.80 | 1.78 | 1.72 | 1.70 | 1.72 |
| 90                 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.06 | 0.07 | 0.07 | 0.06 |
| 95                 | 0.10 | 0.06 | 0.09 | 0.06 | 0.10 | 0.06 | 0.07 | 0.06 | 0.11 | 0.06 | 0.10 | 0.06 | 0.12 | 0.06 | 0.11 | 0.06 | 0.12 | 0.12 | 0.06 |
| 100                | 0.10 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.02 | 0.11 | 0.03 | 0.11 | 0.03 | 0.13 | 0.03 | 0.13 | 0.05 | 0.13 | 0.14 | 0.03 | 0.13 |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-03-05

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
 Humidity:65.0%  
 Test Distance:8.690m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                              |                  |                  |
|------------------------------------------------------------------------------|------------------|------------------|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |                  |                  |
| NAME: 600-027_029_Round Lens                                                 | TYPE:3W          | WEIGHT:1         |
| SPEC.:5000K                                                                  | DIM.: 148mm*48mm | SERIAL No.:1     |
| MFR.: Tronix Lighting                                                        | SUR.:19*11       | Shielding Angle: |

Table--3

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| 5                  | 59.7 | 59.7 | 59.5 | 59.4 | 59.3 | 59.2 | 59.1 | 59.0 | 58.9 | 58.8 | 58.7 | 58.7 | 58.7 | 58.6 | 58.6 | 58.7 | 58.7 | 58.8 | 58.8 |
| 10                 | 59.4 | 59.2 | 59.0 | 58.8 | 58.6 | 58.4 | 58.1 | 57.9 | 57.8 | 57.7 | 57.7 | 57.6 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 57.9 | 58.0 |
| 15                 | 58.7 | 58.3 | 58.1 | 57.9 | 57.6 | 57.3 | 57.1 | 56.9 | 56.8 | 56.7 | 56.7 | 56.6 | 56.6 | 56.6 | 56.5 | 56.5 | 56.6 | 56.7 | 56.9 |
| 20                 | 58.2 | 57.9 | 57.6 | 57.1 | 56.7 | 56.5 | 56.2 | 56.0 | 55.8 | 55.8 | 55.5 | 55.4 | 55.5 | 55.5 | 55.5 | 55.4 | 55.5 | 55.6 | 55.7 |
| 25                 | 57.3 | 56.9 | 56.5 | 56.2 | 55.9 | 55.6 | 55.4 | 55.2 | 55.0 | 55.0 | 54.7 | 54.5 | 54.3 | 54.1 | 54.1 | 54.1 | 54.2 | 54.4 | 54.5 |
| 30                 | 56.3 | 55.9 | 55.5 | 55.1 | 54.7 | 54.4 | 54.3 | 54.2 | 54.0 | 53.7 | 53.4 | 53.3 | 53.1 | 53.1 | 53.1 | 53.0 | 53.0 | 53.2 | 53.3 |
| 35                 | 55.1 | 54.7 | 54.3 | 54.1 | 53.9 | 53.7 | 53.5 | 53.2 | 52.9 | 52.8 | 52.6 | 52.4 | 52.2 | 52.1 | 52.0 | 52.0 | 51.9 | 52.0 | 52.1 |
| 40                 | 54.2 | 53.8 | 53.4 | 53.3 | 53.1 | 52.9 | 52.7 | 52.5 | 52.2 | 52.0 | 51.6 | 51.3 | 51.0 | 50.9 | 50.8 | 50.8 | 50.7 | 50.7 | 50.8 |
| 45                 | 53.6 | 53.1 | 52.8 | 52.7 | 52.5 | 52.4 | 52.1 | 51.9 | 51.5 | 51.0 | 50.7 | 50.7 | 50.6 | 50.5 | 50.3 | 50.3 | 50.1 | 50.1 | 50.1 |
| 50                 | 52.6 | 52.4 | 52.5 | 52.5 | 52.4 | 52.2 | 52.0 | 51.6 | 51.3 | 50.9 | 50.8 | 50.6 | 50.6 | 50.4 | 50.3 | 50.1 | 50.0 | 50.0 | 50.1 |
| 55                 | 52.6 | 52.1 | 51.9 | 51.7 | 52.1 | 52.4 | 52.2 | 51.9 | 51.8 | 51.6 | 51.3 | 51.0 | 50.6 | 50.4 | 50.5 | 50.3 | 50.4 | 50.5 | 50.7 |
| 60                 | 52.8 | 52.5 | 52.2 | 52.3 | 52.7 | 52.7 | 52.8 | 52.6 | 52.4 | 51.9 | 51.5 | 51.3 | 51.2 | 51.0 | 50.8 | 50.7 | 50.8 | 50.7 | 51.0 |
| 65                 | 53.3 | 52.7 | 52.4 | 52.4 | 52.5 | 52.6 | 52.5 | 52.4 | 52.3 | 52.2 | 52.1 | 51.4 | 51.0 | 51.1 | 51.4 | 51.7 | 51.9 | 51.6 | 51.6 |
| 70                 | 48.5 | 48.1 | 48.3 | 48.4 | 48.6 | 48.3 | 48.5 | 48.5 | 48.4 | 48.3 | 48.6 | 48.3 | 48.3 | 48.5 | 49.0 | 49.0 | 49.1 | 49.0 | 48.8 |
| 75                 | 32.8 | 32.7 | 33.0 | 33.3 | 33.4 | 33.0 | 33.5 | 33.9 | 34.5 | 34.5 | 35.0 | 35.0 | 34.5 | 33.8 | 34.1 | 33.0 | 32.8 | 32.7 | 33.4 |
| 80                 | 7.68 | 8.24 | 9.78 | 10.1 | 10.3 | 11.0 | 11.7 | 11.4 | 11.7 | 11.2 | 10.6 | 9.01 | 7.55 | 5.06 | 3.78 | 3.24 | 3.05 | 3.23 | 3.57 |
| 85                 | 1.73 | 0.22 | 0.03 | 1.85 | 1.93 | 2.07 | 2.09 | 2.19 | 2.11 | 2.08 | 1.88 | 1.85 | 1.82 | 1.90 | 1.86 | 1.88 | 1.85 | 1.88 | 1.85 |
| 90                 | 0.07 | 0.06 | 0.07 | 0.07 | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 | 0.07 | 0.08 | 0.07 | 0.07 | 0.06 | 0.08 | 0.06 | 0.07 |
| 95                 | 0.12 | 0.06 | 0.12 | 0.07 | 0.12 | 0.07 | 0.14 | 0.07 | 0.13 | 0.07 | 0.13 | 0.07 | 0.12 | 0.07 | 0.12 | 0.06 | 0.12 | 0.06 | 0.13 |
| 100                | 0.14 | 0.14 | 0.04 | 0.14 | 0.05 | 0.14 | 0.04 | 0.14 | 0.06 | 0.14 | 0.14 | 0.14 | 0.05 | 0.14 | 0.04 | 0.14 | 0.03 | 0.15 | 0.05 |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                              |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |                  |  |  |
|------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|------------------|--|--|
| Test:U:2.8900V I:0.6030A P:1.7400W PF:0.4000 Freq:0Hz Lamp Flux:272.149x1 lm |  |  |  |  |  |  |  |  |                  |  |  |  |  |  |                  |  |  |
| NAME: 600-027_029_Round Lens                                                 |  |  |  |  |  |  |  |  | TYPE:3W          |  |  |  |  |  | WEIGHT:1         |  |  |
| SPEC.:5000K                                                                  |  |  |  |  |  |  |  |  | DIM.: 148mm*48mm |  |  |  |  |  | SERIAL No.:1     |  |  |
| MFR.: Tronix Lighting                                                        |  |  |  |  |  |  |  |  | SUR.:19*11       |  |  |  |  |  | Shielding Angle: |  |  |

Table--4

UNIT: cd

| C (DEG)<br>γ (DEG) |      | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                  | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |  |  |  |  |
| 5                  | 58.8 | 58.9 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.3 | 59.3 | 59.4 | 59.5 | 59.5 | 59.6 | 59.7 | 59.9 |      |  |  |  |  |
| 10                 | 58.1 | 58.2 | 58.2 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.2 | 59.4 |      |  |  |  |  |
| 15                 | 57.0 | 57.2 | 57.3 | 57.4 | 57.6 | 57.8 | 57.8 | 58.0 | 58.2 | 58.5 | 58.7 | 59.0 | 58.9 | 59.0 | 59.3 |      |  |  |  |  |
| 20                 | 55.9 | 55.9 | 56.0 | 56.2 | 56.4 | 56.8 | 57.1 | 57.4 | 57.6 | 57.9 | 58.2 | 58.5 | 58.7 | 58.8 | 59.0 |      |  |  |  |  |
| 25                 | 54.6 | 54.8 | 54.9 | 55.0 | 55.4 | 55.8 | 56.0 | 56.5 | 56.9 | 57.2 | 57.6 | 57.9 | 58.2 | 58.5 | 58.7 |      |  |  |  |  |
| 30                 | 53.5 | 53.7 | 53.8 | 54.1 | 54.5 | 54.8 | 55.3 | 55.7 | 56.0 | 56.4 | 56.8 | 57.1 | 57.4 | 57.6 | 57.9 |      |  |  |  |  |
| 35                 | 52.2 | 52.4 | 52.7 | 53.1 | 53.4 | 53.8 | 54.3 | 54.8 | 55.2 | 55.5 | 55.9 | 56.3 | 56.5 | 56.7 | 57.2 |      |  |  |  |  |
| 40                 | 51.0 | 51.2 | 51.5 | 51.9 | 52.4 | 52.8 | 53.2 | 53.7 | 54.1 | 54.7 | 55.0 | 55.5 | 55.8 | 56.2 | 56.7 |      |  |  |  |  |
| 45                 | 50.3 | 50.4 | 50.6 | 51.0 | 51.5 | 52.0 | 52.5 | 53.0 | 53.5 | 54.1 | 54.7 | 55.3 | 55.7 | 56.2 | 56.6 |      |  |  |  |  |
| 50                 | 50.2 | 50.3 | 50.4 | 50.8 | 51.1 | 51.6 | 52.2 | 53.0 | 53.5 | 54.2 | 54.8 | 55.6 | 56.0 | 56.5 | 56.8 |      |  |  |  |  |
| 55                 | 50.7 | 50.7 | 50.6 | 50.8 | 51.1 | 51.7 | 52.4 | 53.3 | 54.0 | 54.7 | 55.2 | 56.0 | 56.5 | 57.0 | 57.4 |      |  |  |  |  |
| 60                 | 51.0 | 51.0 | 50.9 | 51.1 | 51.2 | 51.7 | 52.5 | 53.4 | 54.3 | 55.1 | 55.5 | 56.1 | 56.7 | 57.3 | 57.8 |      |  |  |  |  |
| 65                 | 51.3 | 51.1 | 51.0 | 51.4 | 51.7 | 52.0 | 52.5 | 53.2 | 54.1 | 55.1 | 55.7 | 56.2 | 56.7 | 57.2 | 57.4 |      |  |  |  |  |
| 70                 | 48.2 | 47.8 | 47.8 | 48.0 | 48.3 | 48.6 | 48.5 | 48.9 | 49.0 | 49.4 | 49.9 | 50.3 | 50.4 | 50.5 | 50.4 |      |  |  |  |  |
| 75                 | 33.4 | 33.5 | 33.1 | 33.3 | 33.2 | 33.6 | 33.1 | 32.7 | 32.2 | 32.9 | 33.1 | 33.4 | 32.2 | 31.6 | 30.8 |      |  |  |  |  |
| 80                 | 4.96 | 8.14 | 8.64 | 10.4 | 11.4 | 11.1 | 10.3 | 10.3 | 8.88 | 7.68 | 6.42 | 6.36 | 5.66 | 5.48 | 5.21 |      |  |  |  |  |
| 85                 | 1.91 | 1.77 | 1.83 | 1.87 | 2.11 | 2.29 | 2.33 | 2.34 | 2.27 | 2.23 | 2.11 | 0.19 | 0.03 | 1.89 | 1.84 |      |  |  |  |  |
| 90                 | 0.06 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.08 | 0.06 | 0.07 | 0.06 | 0.07 | 0.03 | 0.07 | 0.05 |      |  |  |  |  |
| 95                 | 0.06 | 0.12 | 0.07 | 0.12 | 0.07 | 0.12 | 0.07 | 0.13 | 0.06 | 0.13 | 0.06 | 0.12 | 0.04 | 0.12 | 0.05 |      |  |  |  |  |
| 100                | 0.14 | 0.03 | 0.14 | 0.04 | 0.15 | 0.05 | 0.14 | 0.06 | 0.14 | 0.05 | 0.13 | 0.04 | 0.13 | 0.04 | 0.12 |      |  |  |  |  |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |      |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2020-03-05

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.0.405.8  
Humidity:65.0%  
Test Distance:8.690m [K=1.0000]  
Remarks: