

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |  |                        |
|------------------------------------|--|------------------------|
| Maximum Intensity                  |  | 367.9 cd per klm.      |
| (Luminaire orientation as tested.) |  | 0.0 degrees vertical   |
|                                    |  | 0.0 degrees horizontal |

|             |                            |                 |
|-------------|----------------------------|-----------------|
| Beam Spread | At 10% of I <sub>max</sub> | 137.7V x 148.3H |
|             | At 50% of I <sub>max</sub> | 109.3V x 113.2H |
|             | At 90% of I <sub>max</sub> | 55.3V x 56.4H   |

|           |                            |                        |
|-----------|----------------------------|------------------------|
| Beam Flux | Total                      | 1000.0 lumens per klm. |
|           | To 10% of I <sub>max</sub> | 980.9 lumens per klm.  |
|           | To 50% of I <sub>max</sub> | 821.8 lumens per klm.  |
|           | To 90% of I <sub>max</sub> | 258.0 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 0.6 %  |
| Downward LOR | 99.4 % |

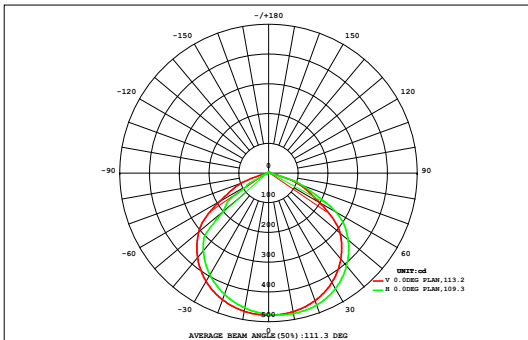
|   |         |
|---|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|---|---------|

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 22 January 2018

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 7.680m [K=1.0000]  
 Remarks:

**LUMINAIRE PHOTOMETRIC TEST REPORT**

|  |                         |                  |
|--|-------------------------|------------------|
| Test:U:230.14V I:0.0595A P:10.199W PF:0.7443 Freq:50.01Hz Lamp Flux:1304.15x1 lm |                         |                  |
| NAME: BLP-SFL10WA  | TYPE:                   | WEIGHT:0.545KG   |
| SPEC.:   | DIM.: 0.103*0.122*0.032 | SERIAL No.:      |
| MFR.: Shenzhen Brillloop Lighting  | SUR.:0.07X0.055         | Shielding Angle: |



| DATA OF LAMP      |         | Eff:127.88lm/W   |            |
|-------------------|---------|------------------|------------|
| MODEL             |         | Imax (cd)        | 479.9      |
| NOMINAL POWER (W) | 10      | AVAILABILITY (%) | 98.0       |
| RATED VOLTAGE (V) | 230     | Avai. FLUX (lm)  | 1278       |
| NOMINAL FLUX (lm) | 1304.15 | LOR (%)          | 100.0      |
| LAMPS INSIDE      | 1       | TOTAL FLUX (lm)  | 1304       |
| TEST VOLTAGE (V)  | 230     | θ @50% (H,V)     | 113,109DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |      |
|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|------|
|                | 0.00              | 0.00 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00    | 0.00 | 0.00 | 0.29 | 0.00 |
| 90             | 0.00              | 0.01 | 0.02 | 0.06 | 0.11 | 0.17 | 0.21 | 0.24 | 0.25 | 0.25 | 0.22 | 0.18 | 0.14 | 0.08 | 0.04 | 0.02    | 0.00 | 0.00 | 2.00 | 0.00 |
| 80             | 0.00              | 0.02 | 0.09 | 0.34 | 0.57 | 0.82 | 1.05 | 1.18 | 1.25 | 1.23 | 1.12 | 0.94 | 0.71 | 0.46 | 0.25 | 0.06    | 0.01 | 0.00 | 10.1 | 3.78 |
| 70             | 0.00              | 0.04 | 0.35 | 1.13 | 1.93 | 2.95 | 3.90 | 4.37 | 4.65 | 4.61 | 4.27 | 3.73 | 2.77 | 1.74 | 0.93 | 0.25    | 0.02 | 0.00 | 37.7 | 36.5 |
| 60             | 0.00              | 0.09 | 0.84 | 2.11 | 3.67 | 5.91 | 7.19 | 8.30 | 8.84 | 8.78 | 8.14 | 7.00 | 5.62 | 3.49 | 1.92 | 0.67    | 0.06 | 0.00 | 72.6 | 72.1 |
| 50             | 0.00              | 0.17 | 1.29 | 2.92 | 5.40 | 7.64 | 9.36 | 10.6 | 11.2 | 11.1 | 10.5 | 9.21 | 7.45 | 5.21 | 2.77 | 1.12    | 0.12 | 0.00 | 96.0 | 95.7 |
| 40             | 0.01              | 0.27 | 1.60 | 3.66 | 6.40 | 8.69 | 10.6 | 11.9 | 12.6 | 12.5 | 11.8 | 10.4 | 8.50 | 6.22 | 3.53 | 1.45    | 0.21 | 0.00 | 110  | 110  |
| 30             | 0.01              | 0.36 | 1.80 | 4.21 | 7.02 | 9.44 | 11.5 | 12.9 | 13.6 | 13.5 | 12.7 | 11.3 | 9.24 | 6.84 | 4.09 | 1.67    | 0.28 | 0.00 | 120  | 120  |
| 20             | 0.01              | 0.42 | 1.92 | 4.52 | 7.39 | 9.91 | 12.0 | 13.5 | 14.2 | 14.1 | 13.4 | 11.9 | 9.76 | 7.23 | 4.40 | 1.80    | 0.33 | 0.00 | 127  | 127  |
| 10             | 0.01              | 0.43 | 1.96 | 4.61 | 7.52 | 10.1 | 12.2 | 13.7 | 14.4 | 14.5 | 13.7 | 12.2 | 9.98 | 7.39 | 4.50 | 1.84    | 0.35 | 0.00 | 129  | 129  |
| 0              | 0.01              | 0.40 | 1.91 | 4.49 | 7.41 | 9.97 | 12.1 | 13.6 | 14.4 | 14.4 | 13.6 | 12.1 | 9.90 | 7.30 | 4.41 | 1.80    | 0.32 | 0.00 | 128  | 128  |
| -10            | 0.01              | 0.33 | 1.76 | 4.13 | 7.04 | 9.55 | 11.7 | 13.2 | 14.0 | 13.9 | 13.2 | 11.6 | 9.48 | 6.95 | 4.09 | 1.65    | 0.25 | 0.00 | 123  | 123  |
| -20            | 0.00              | 0.22 | 1.52 | 3.53 | 6.35 | 8.79 | 10.8 | 12.3 | 13.0 | 13.0 | 12.2 | 10.7 | 8.70 | 6.28 | 3.49 | 1.39    | 0.17 | 0.00 | 112  | 112  |
| -30            | 0.00              | 0.12 | 1.14 | 2.83 | 5.29 | 7.65 | 9.49 | 10.8 | 11.5 | 11.5 | 10.8 | 9.39 | 7.53 | 5.21 | 2.73 | 1.00    | 0.08 | 0.00 | 97.0 | 96.6 |
| -40            | 0.00              | 0.05 | 0.61 | 1.98 | 3.87 | 5.99 | 7.65 | 8.82 | 9.37 | 9.34 | 8.73 | 7.50 | 5.84 | 3.74 | 1.81 | 0.48    | 0.03 | 0.00 | 75.8 | 75.3 |
| -50            | 0.00              | 0.02 | 0.17 | 0.89 | 1.99 | 3.27 | 4.46 | 5.27 | 5.58 | 5.52 | 5.10 | 4.25 | 3.07 | 1.78 | 0.72 | 0.12    | 0.01 | 0.00 | 42.2 | 41.3 |
| -60            | 0.00              | 0.01 | 0.03 | 0.14 | 0.49 | 0.89 | 1.31 | 1.59 | 1.65 | 1.60 | 1.45 | 1.12 | 0.72 | 0.36 | 0.09 | 0.02    | 0.00 | 0.00 | 11.5 | 7.92 |
| -70            | 0.00              | 0.00 | 0.01 | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.06 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00    | 0.00 | 0.00 | 0.46 | 0.00 |
| -80            | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00 |
| -90            | 0.06              | 2.95 | 17.0 | 41.6 | 72.5 | 102  | 126  | 142  | 150  | 150  | 141  | 124  | 99.4 | 70.3 | 39.8 | 15.3    | 2.26 | 0.04 | 1296 | ---  |
| Φ a            | 0.00              | 1.78 | 16.0 | 40.6 | 71.5 | 101  | 124  | 141  | 149  | 149  | 140  | 122  | 98.3 | 69.4 | 38.8 | 14.3    | 1.18 | 0.00 | ---  | 1278 |

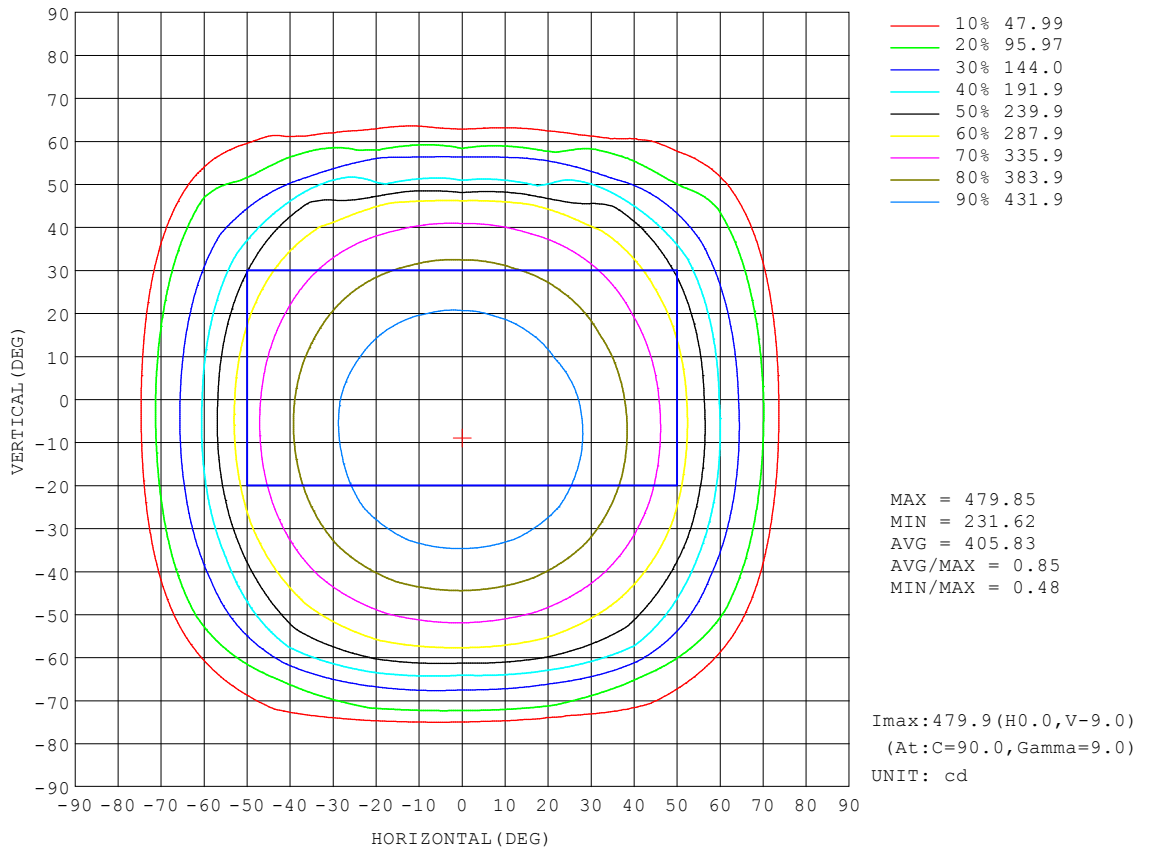
one-half-peak spread: U:52.5,D:48.1 , L:57.0,R:56.5 NEMA Beam Type: Type 7

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:22 January 2018

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|  |                         |                  |
|--|-------------------------|------------------|
| Test:U:230.14V I:0.0595A P:10.199W PF:0.7443 Freq:50.01Hz Lamp Flux:1304.15x1 lm |                         |                  |
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| SPEC.:   | DIM.: 0.103*0.122*0.032 | SERIAL No.:      |
| MFR.: Shenzhen Brillloop Lighting  | SUR.:0.07X0.055         | Shielding Angle: |

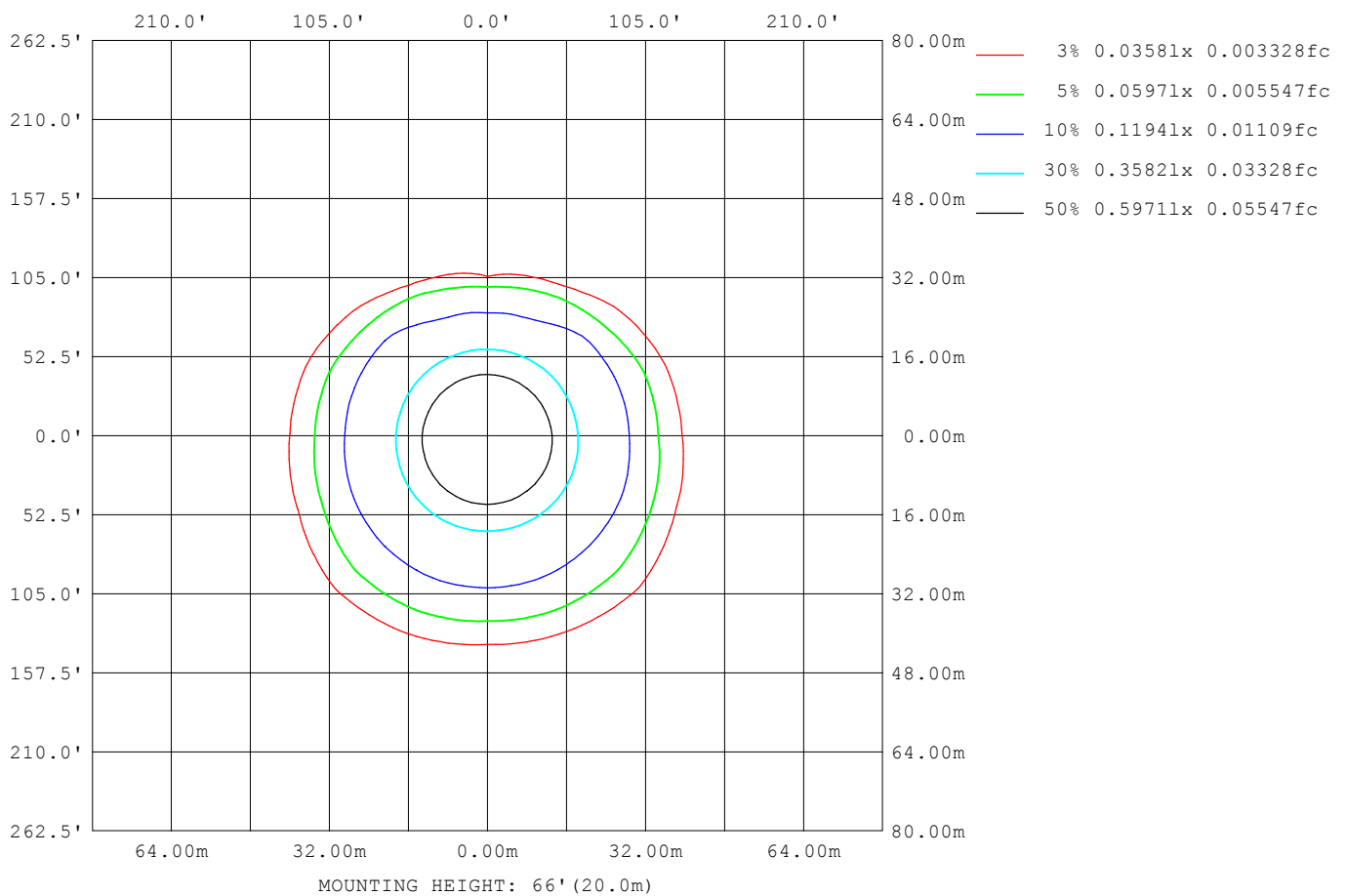


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 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
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γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

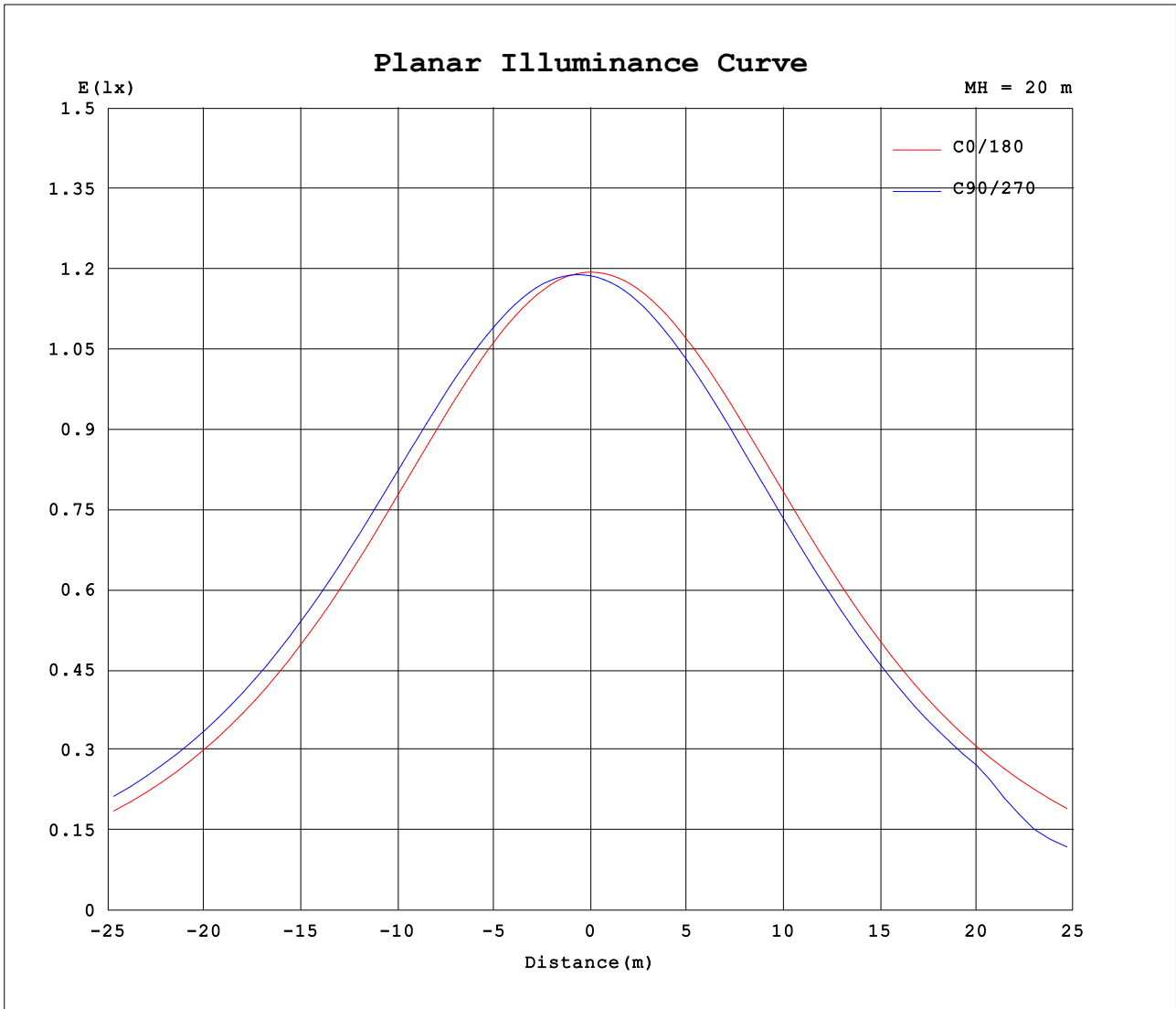
|  |                         |                  |
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 Remarks:

**Planar Illuminance Curve**

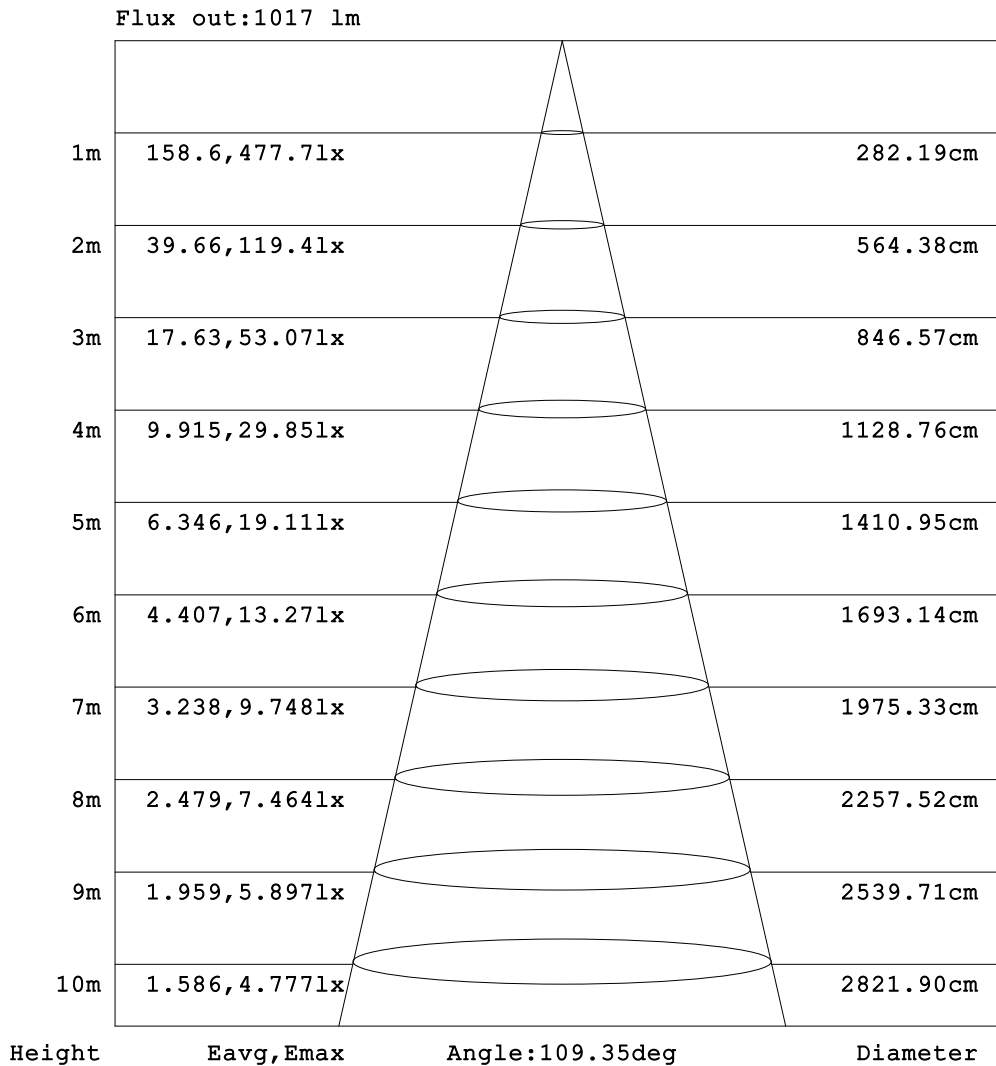


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 Remarks:

**AAI Figure**

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

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γ Range: 0 - 180DEG  
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                         |                  |
|--|-------------------------|------------------|
| Test:U:230.14V I:0.0595A P:10.199W PF:0.7443 Freq:50.01Hz Lamp Flux:1304.15x1 lm |                         |                  |
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| MFR.: Shenzhen Brillloop Lighting  | SUR.:0.07X0.055         | Shielding Angle: |

Table--1

UNIT: cd

| H (DEG)<br>V (DEG) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180               | 0.21 | 0.27 | 0.38 | 0.55 | 0.76 | 0.99 | 1.21 | 1.44 | 1.68 | 1.88 | 2.07 | 2.23 | 2.37 | 2.49 | 2.59 | 2.67 | 2.72 | 2.75 | 2.81 |
| -170               | 0.21 | 0.27 | 0.37 | 0.54 | 0.74 | 0.95 | 1.16 | 1.39 | 1.61 | 1.80 | 1.98 | 2.13 | 2.26 | 2.35 | 2.43 | 2.50 | 2.55 | 2.59 | 2.61 |
| -160               | 0.21 | 0.26 | 0.36 | 0.51 | 0.69 | 0.89 | 1.08 | 1.28 | 1.47 | 1.66 | 1.82 | 1.97 | 2.09 | 2.19 | 2.29 | 2.35 | 2.40 | 2.43 | 2.45 |
| -150               | 0.21 | 0.25 | 0.34 | 0.47 | 0.62 | 0.79 | 0.96 | 1.13 | 1.30 | 1.45 | 1.59 | 1.72 | 1.84 | 1.94 | 2.02 | 2.09 | 2.13 | 2.16 | 2.15 |
| -140               | 0.21 | 0.24 | 0.32 | 0.41 | 0.53 | 0.67 | 0.81 | 0.94 | 1.07 | 1.20 | 1.31 | 1.41 | 1.50 | 1.60 | 1.67 | 1.72 | 1.77 | 1.79 | 1.78 |
| -130               | 0.21 | 0.23 | 0.29 | 0.36 | 0.44 | 0.54 | 0.64 | 0.73 | 0.83 | 0.90 | 1.00 | 1.09 | 1.15 | 1.21 | 1.26 | 1.30 | 1.33 | 1.34 | 1.34 |
| -120               | 0.21 | 0.22 | 0.26 | 0.30 | 0.36 | 0.42 | 0.47 | 0.52 | 0.57 | 0.62 | 0.67 | 0.72 | 0.76 | 0.80 | 0.82 | 0.85 | 0.86 | 0.87 | 0.86 |
| -110               | 0.21 | 0.22 | 0.23 | 0.25 | 0.28 | 0.31 | 0.32 | 0.34 | 0.36 | 0.38 | 0.39 | 0.42 | 0.43 | 0.44 | 0.45 | 0.45 | 0.46 | 0.46 | 0.45 |
| -100               | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.23 | 0.23 | 0.22 | 0.22 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.20 | 0.20 | 0.19 |
| -90                | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.14 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 |
| -80                | 0.21 | 0.23 | 0.30 | 0.45 | 0.66 | 0.94 | 1.29 | 1.76 | 2.47 | 3.47 | 4.44 | 5.31 | 6.40 | 7.43 | 8.14 | 8.44 | 8.51 | 8.36 | 7.96 |
| -70                | 0.21 | 0.31 | 0.64 | 1.23 | 2.17 | 4.92 | 10.1 | 19.7 | 39.4 | 57.3 | 66.8 | 81.4 | 93.8 | 106  | 114  | 117  | 120  | 121  | 120  |
| -60                | 0.21 | 0.43 | 1.15 | 2.81 | 8.88 | 20.8 | 52.1 | 82.1 | 107  | 135  | 166  | 190  | 211  | 230  | 244  | 253  | 258  | 261  | 260  |
| -50                | 0.21 | 0.58 | 1.81 | 7.64 | 23.9 | 66.6 | 109  | 138  | 175  | 217  | 254  | 279  | 299  | 315  | 329  | 339  | 345  | 348  | 349  |
| -40                | 0.21 | 0.74 | 2.86 | 13.0 | 54.1 | 107  | 140  | 178  | 229  | 273  | 307  | 333  | 354  | 371  | 385  | 397  | 403  | 407  | 408  |
| -30                | 0.21 | 0.89 | 4.70 | 23.1 | 81.8 | 127  | 166  | 219  | 275  | 315  | 344  | 370  | 393  | 412  | 426  | 437  | 444  | 448  | 449  |
| -20                | 0.21 | 1.00 | 6.49 | 34.6 | 100  | 141  | 187  | 249  | 302  | 338  | 368  | 394  | 416  | 435  | 450  | 460  | 467  | 471  | 473  |
| -10                | 0.21 | 1.07 | 7.64 | 41.9 | 107  | 148  | 198  | 263  | 314  | 348  | 379  | 404  | 426  | 443  | 457  | 467  | 474  | 478  | 480  |
| 0                  | 0.21 | 1.09 | 7.92 | 43.2 | 108  | 148  | 197  | 263  | 314  | 348  | 378  | 404  | 425  | 443  | 457  | 467  | 473  | 477  | 478  |
| 10                 | 0.21 | 1.07 | 7.35 | 39.3 | 103  | 143  | 188  | 252  | 303  | 337  | 365  | 390  | 411  | 428  | 441  | 451  | 457  | 460  | 460  |
| 20                 | 0.21 | 0.99 | 5.99 | 30.3 | 90.5 | 132  | 169  | 226  | 280  | 314  | 342  | 366  | 386  | 402  | 415  | 424  | 430  | 434  | 434  |
| 30                 | 0.21 | 0.87 | 4.18 | 18.5 | 64.3 | 114  | 146  | 186  | 238  | 280  | 307  | 330  | 349  | 365  | 377  | 385  | 391  | 395  | 395  |
| 40                 | 0.21 | 0.73 | 2.54 | 10.2 | 39.7 | 85.0 | 119  | 143  | 171  | 215  | 258  | 281  | 297  | 313  | 324  | 332  | 338  | 341  | 341  |
| 50                 | 0.21 | 0.58 | 1.68 | 5.86 | 15.3 | 40.7 | 74.5 | 95.6 | 109  | 130  | 146  | 175  | 206  | 205  | 196  | 200  | 209  | 209  | 200  |
| 60                 | 0.21 | 0.44 | 1.08 | 2.29 | 5.98 | 11.2 | 26.4 | 35.2 | 44.2 | 55.3 | 51.8 | 61.9 | 79.5 | 85.4 | 79.8 | 82.2 | 86.4 | 87.1 | 85.3 |
| 70                 | 0.21 | 0.32 | 0.63 | 1.12 | 1.79 | 2.97 | 5.02 | 6.74 | 9.64 | 12.4 | 13.1 | 13.8 | 15.1 | 16.6 | 17.7 | 18.4 | 18.8 | 19.0 | 18.8 |
| 80                 | 0.21 | 0.24 | 0.33 | 0.47 | 0.64 | 0.84 | 1.07 | 1.34 | 1.63 | 1.92 | 2.19 | 2.43 | 2.65 | 2.82 | 2.97 | 3.09 | 3.15 | 3.17 | 3.14 |
| 90                 | 0.21 | 0.21 | 0.22 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.22 | 0.22 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 |
| 100                | 0.21 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | 0.27 | 0.32 | 0.35 | 0.37 | 0.39 | 0.40 | 0.41 | 0.41 | 0.43 | 0.45 | 0.46 | 0.47 | 0.48 |
| 110                | 0.21 | 0.22 | 0.24 | 0.26 | 0.33 | 0.35 | 0.41 | 0.49 | 0.55 | 0.62 | 0.68 | 0.73 | 0.77 | 0.80 | 0.84 | 0.87 | 0.90 | 0.92 | 0.93 |
| 120                | 0.21 | 0.23 | 0.26 | 0.33 | 0.39 | 0.47 | 0.59 | 0.70 | 0.81 | 0.92 | 1.02 | 1.11 | 1.17 | 1.24 | 1.29 | 1.33 | 1.37 | 1.39 | 1.40 |
| 130                | 0.21 | 0.23 | 0.31 | 0.38 | 0.49 | 0.63 | 0.78 | 0.91 | 1.06 | 1.20 | 1.34 | 1.45 | 1.55 | 1.63 | 1.71 | 1.77 | 1.82 | 1.85 | 1.87 |
| 140                | 0.21 | 0.24 | 0.33 | 0.44 | 0.59 | 0.77 | 0.94 | 1.12 | 1.28 | 1.45 | 1.61 | 1.76 | 1.89 | 2.00 | 2.09 | 2.16 | 2.21 | 2.24 | 2.25 |
| 150                | 0.21 | 0.25 | 0.35 | 0.49 | 0.67 | 0.86 | 1.07 | 1.26 | 1.45 | 1.65 | 1.85 | 2.01 | 2.15 | 2.27 | 2.35 | 2.41 | 2.46 | 2.49 | 2.51 |
| 160                | 0.21 | 0.26 | 0.37 | 0.53 | 0.73 | 0.94 | 1.15 | 1.38 | 1.59 | 1.81 | 2.00 | 2.16 | 2.30 | 2.41 | 2.50 | 2.56 | 2.62 | 2.64 | 2.67 |
| 170                | 0.21 | 0.27 | 0.38 | 0.55 | 0.76 | 0.98 | 1.20 | 1.43 | 1.67 | 1.88 | 2.07 | 2.23 | 2.37 | 2.49 | 2.58 | 2.66 | 2.71 | 2.73 | 2.74 |
| 180                | 0.21 | 0.27 | 0.38 | 0.55 | 0.76 | 0.99 | 1.21 | 1.44 | 1.68 | 1.88 | 2.07 | 2.23 | 2.37 | 2.49 | 2.59 | 2.67 | 2.72 | 2.75 | 2.80 |

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 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:22 January 2018

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 γ Interval: 1.0DEG  
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 Humidity:65.0%  
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|  |                         |                  |
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| MFR.: Shenzhen Brillloop Lighting  | SUR.:0.07X0.055         | Shielding Angle: |

Table--2

UNIT: cd

| H (DEG) \ V (DEG) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180              | 2.74 | 2.68 | 2.62 | 2.56 | 2.49 | 2.37 | 2.25 | 2.10 | 1.94 | 1.73 | 1.50 | 1.27 | 1.04 | 0.84 | 0.60 | 0.45 | 0.31 | 0.22 |
| -170              | 2.62 | 2.58 | 2.54 | 2.49 | 2.41 | 2.30 | 2.18 | 2.04 | 1.87 | 1.67 | 1.45 | 1.24 | 1.01 | 0.82 | 0.59 | 0.44 | 0.31 | 0.22 |
| -160              | 2.45 | 2.43 | 2.39 | 2.32 | 2.24 | 2.15 | 2.04 | 1.89 | 1.73 | 1.55 | 1.35 | 1.15 | 0.96 | 0.76 | 0.57 | 0.41 | 0.30 | 0.22 |
| -150              | 2.17 | 2.16 | 2.12 | 2.06 | 1.99 | 1.90 | 1.79 | 1.67 | 1.53 | 1.37 | 1.21 | 1.03 | 0.85 | 0.69 | 0.52 | 0.38 | 0.28 | 0.22 |
| -140              | 1.80 | 1.80 | 1.77 | 1.72 | 1.66 | 1.57 | 1.48 | 1.39 | 1.28 | 1.15 | 1.01 | 0.88 | 0.73 | 0.58 | 0.47 | 0.35 | 0.26 | 0.22 |
| -130              | 1.35 | 1.35 | 1.33 | 1.31 | 1.27 | 1.21 | 1.14 | 1.07 | 0.98 | 0.89 | 0.80 | 0.70 | 0.60 | 0.50 | 0.40 | 0.32 | 0.25 | 0.22 |
| -120              | 0.87 | 0.88 | 0.87 | 0.86 | 0.83 | 0.80 | 0.77 | 0.72 | 0.67 | 0.63 | 0.58 | 0.52 | 0.47 | 0.40 | 0.34 | 0.30 | 0.24 | 0.22 |
| -110              | 0.46 | 0.47 | 0.47 | 0.47 | 0.48 | 0.47 | 0.45 | 0.45 | 0.41 | 0.40 | 0.39 | 0.37 | 0.35 | 0.32 | 0.29 | 0.25 | 0.23 | 0.22 |
| -100              | 0.20 | 0.21 | 0.22 | 0.23 | 0.23 | 0.23 | 0.24 | 0.24 | 0.24 | 0.24 | 0.25 | 0.25 | 0.26 | 0.25 | 0.24 | 0.23 | 0.21 | 0.22 |
| -90               | 0.12 | 0.12 | 0.12 | 0.13 | 0.13 | 0.14 | 0.14 | 0.15 | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 |
| -80               | 7.97 | 7.73 | 7.27 | 6.59 | 5.63 | 4.76 | 3.80 | 3.01 | 2.18 | 1.63 | 1.18 | 0.82 | 0.56 | 0.38 | 0.28 | 0.23 | 0.22 | 0.22 |
| -70               | 119  | 117  | 113  | 108  | 98.1 | 86.2 | 71.7 | 57.9 | 49.0 | 28.7 | 13.3 | 6.51 | 2.76 | 1.45 | 0.76 | 0.39 | 0.24 | 0.22 |
| -60               | 259  | 255  | 248  | 238  | 222  | 204  | 184  | 160  | 126  | 97.1 | 70.4 | 41.8 | 13.5 | 5.61 | 1.74 | 0.71 | 0.29 | 0.22 |
| -50               | 347  | 343  | 336  | 325  | 311  | 294  | 274  | 248  | 212  | 170  | 130  | 99.0 | 55.1 | 15.5 | 4.49 | 1.19 | 0.37 | 0.22 |
| -40               | 406  | 402  | 395  | 383  | 368  | 350  | 328  | 303  | 271  | 227  | 175  | 132  | 96.3 | 42.6 | 9.35 | 1.74 | 0.45 | 0.22 |
| -30               | 447  | 443  | 435  | 424  | 410  | 390  | 367  | 341  | 310  | 274  | 218  | 160  | 118  | 68.6 | 14.5 | 2.48 | 0.55 | 0.22 |
| -20               | 471  | 467  | 459  | 449  | 433  | 414  | 391  | 365  | 333  | 297  | 246  | 181  | 132  | 87.3 | 23.7 | 3.53 | 0.62 | 0.22 |
| -10               | 479  | 475  | 468  | 457  | 442  | 424  | 401  | 374  | 343  | 308  | 258  | 192  | 139  | 95.9 | 30.8 | 4.33 | 0.66 | 0.22 |
| 0                 | 476  | 472  | 464  | 453  | 439  | 421  | 398  | 372  | 341  | 306  | 257  | 189  | 138  | 97.2 | 32.0 | 4.48 | 0.68 | 0.22 |
| 10                | 458  | 453  | 446  | 435  | 421  | 404  | 383  | 358  | 329  | 295  | 246  | 180  | 133  | 90.3 | 28.3 | 4.12 | 0.66 | 0.22 |
| 20                | 432  | 427  | 420  | 410  | 396  | 379  | 358  | 333  | 305  | 272  | 219  | 160  | 121  | 74.8 | 19.5 | 3.22 | 0.62 | 0.22 |
| 30                | 394  | 389  | 382  | 372  | 359  | 342  | 322  | 299  | 272  | 232  | 178  | 136  | 102  | 51.9 | 11.1 | 2.25 | 0.54 | 0.22 |
| 40                | 340  | 336  | 328  | 319  | 307  | 290  | 273  | 249  | 202  | 164  | 133  | 108  | 67.1 | 29.1 | 7.42 | 1.62 | 0.45 | 0.22 |
| 50                | 206  | 203  | 194  | 192  | 200  | 192  | 160  | 142  | 125  | 96.3 | 85.6 | 56.9 | 32.6 | 9.61 | 3.32 | 1.11 | 0.37 | 0.22 |
| 60                | 85.7 | 84.6 | 81.7 | 79.2 | 83.8 | 67.6 | 51.7 | 49.8 | 44.8 | 34.9 | 29.2 | 17.6 | 7.79 | 3.51 | 1.52 | 0.67 | 0.30 | 0.22 |
| 70                | 18.8 | 18.3 | 17.6 | 16.5 | 15.0 | 13.4 | 12.2 | 11.2 | 9.23 | 6.39 | 4.93 | 3.21 | 1.94 | 1.23 | 0.70 | 0.40 | 0.25 | 0.22 |
| 80                | 3.09 | 2.99 | 2.85 | 2.67 | 2.46 | 2.25 | 2.00 | 1.73 | 1.45 | 1.18 | 0.93 | 0.70 | 0.53 | 0.40 | 0.31 | 0.25 | 0.22 | 0.22 |
| 90                | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 |
| 100               | 0.47 | 0.47 | 0.46 | 0.46 | 0.46 | 0.44 | 0.42 | 0.41 | 0.39 | 0.36 | 0.33 | 0.29 | 0.26 | 0.25 | 0.24 | 0.22 | 0.21 | 0.22 |
| 110               | 0.92 | 0.91 | 0.89 | 0.87 | 0.85 | 0.80 | 0.75 | 0.70 | 0.64 | 0.58 | 0.51 | 0.44 | 0.36 | 0.33 | 0.29 | 0.25 | 0.23 | 0.22 |
| 120               | 1.40 | 1.38 | 1.35 | 1.30 | 1.25 | 1.19 | 1.12 | 1.05 | 0.94 | 0.83 | 0.73 | 0.62 | 0.52 | 0.43 | 0.34 | 0.30 | 0.24 | 0.22 |
| 130               | 1.86 | 1.84 | 1.79 | 1.73 | 1.65 | 1.56 | 1.46 | 1.35 | 1.21 | 1.08 | 0.93 | 0.79 | 0.64 | 0.53 | 0.42 | 0.33 | 0.25 | 0.22 |
| 140               | 2.24 | 2.22 | 2.16 | 2.10 | 2.01 | 1.90 | 1.76 | 1.62 | 1.45 | 1.29 | 1.13 | 0.95 | 0.79 | 0.62 | 0.49 | 0.36 | 0.26 | 0.22 |
| 150               | 2.49 | 2.47 | 2.42 | 2.35 | 2.27 | 2.15 | 2.00 | 1.84 | 1.65 | 1.45 | 1.27 | 1.10 | 0.89 | 0.73 | 0.53 | 0.38 | 0.28 | 0.22 |
| 160               | 2.65 | 2.61 | 2.56 | 2.49 | 2.40 | 2.29 | 2.15 | 1.98 | 1.81 | 1.60 | 1.39 | 1.18 | 0.99 | 0.78 | 0.59 | 0.41 | 0.29 | 0.22 |
| 170               | 2.72 | 2.69 | 2.63 | 2.56 | 2.47 | 2.36 | 2.23 | 2.09 | 1.91 | 1.70 | 1.47 | 1.26 | 1.03 | 0.83 | 0.60 | 0.44 | 0.31 | 0.22 |
| 180               | 2.74 | 2.68 | 2.62 | 2.56 | 2.49 | 2.37 | 2.25 | 2.10 | 1.94 | 1.73 | 1.50 | 1.27 | 1.04 | 0.84 | 0.60 | 0.45 | 0.31 | 0.22 |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:22 January 2018

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks: