

| | | | | | |
|---------------------|---|--------------|-------|---------------------|--|
| Measured Parameters | U:218.6 v, I:662.0 mA, P:139.1 W, PF:0.96, Measured Flux: 10218.62 lm | | | | |
| Name | | Description | 6000K | Weight(kg) | |
| Profile Size | | Model | | Test ID | |
| Manufacturer: | | Luminescence | | Protection Angle(°) | |

| Light Source Data | | Photometric Data | | | |
|---------------------|-------|--------------------------|-----------|------------------------|-------|
| Model | LED | Peak Value(cd) | 3713.07 | Roadside Upwards(%) | 0.00 |
| Nominal Power(w) | 0.0 | Total Flux(lm) | 10218.62 | Roadside Downwards(%) | 47.80 |
| Rated Voltage(v) | 0.0 | Peak Value Position(C,) | 225.0,5.0 | Houseside Upwards(%) | 0.00 |
| Rated Flux(lm) | -1.00 | Upward Ratio(%) | 0.00 | Houseside Downwards(%) | 52.20 |
| Source Number | 1 | Downward Ratio(%) | 100.00 | Aver Lux(lx) | 106.9 |
| Measured Voltage(v) | 220.0 | Light efficient(lm/w) | 73.5 | | |

| | | | | | |
|-------------------|-----|-----------------------|--------|---------------|----------|
| Glare Evaluation | | =90° (cd/klm) | 0.0 | =80° (cd/klm) | 26.7 |
| Peak Light : (C0) | 5.0 | Peak Light(cd)Overall | 3713.1 | Lamps Type | No match |

Test Area : Hemispherical

Distance(m) : 3.9

C interval(°) : 45

interval(°) : 5.0

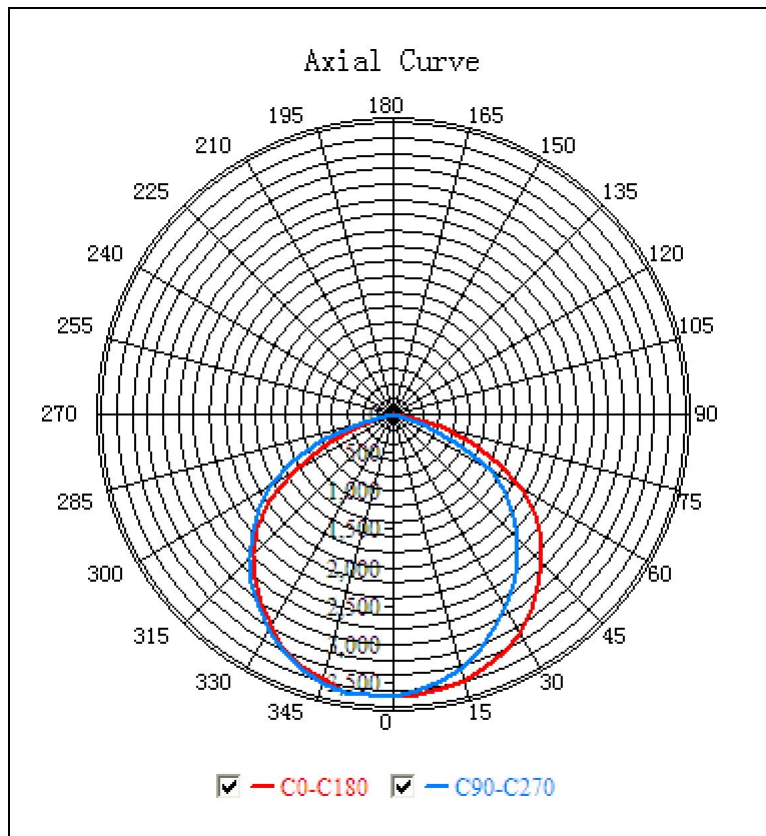
Temperature(°C) : 25

Humidity(%) : 65

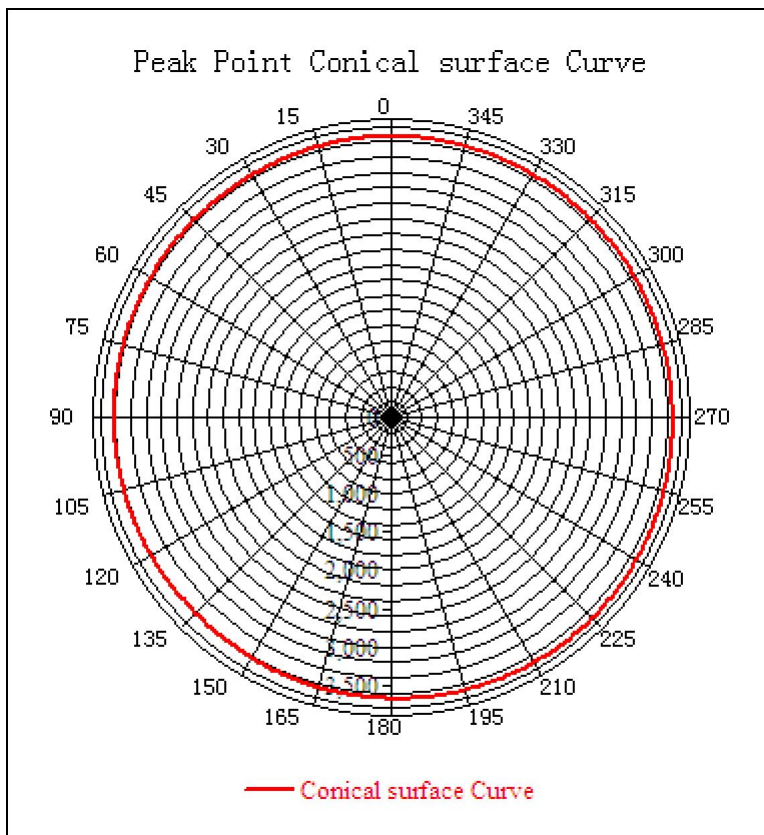
Tester :

Date : 2015-12-11

Remark :



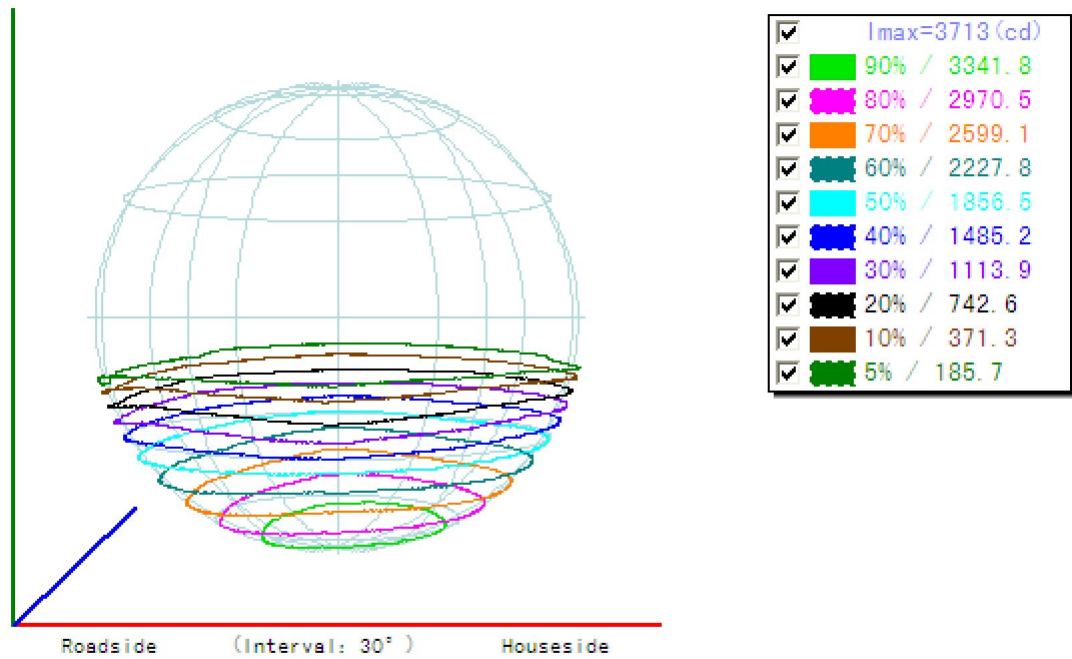
Vertical beam angle(50%): 117.7 Horizontal beam angle(50%): 114.0



C-plane : 225.0 Angle : 5.0

| | | | |
|-------------------|---------------|---------------|------------|
| Test Area : | Hemispherical | Distance(m) : | 3.9 |
| C interval(°) : | 45 | interval(°) : | 5.0 |
| Temperature(°C) : | 25 | Humidity(%) : | 65 |
| Tester : | | Date : | 2015-12-11 |
| Remark : | | | |

Equivalent Light Intensity Curve



Test Area : Hemispherical

Distance(m) : 3.9

C interval(°) : 45

interval(°) : 5.0

Temperature(°C) : 25

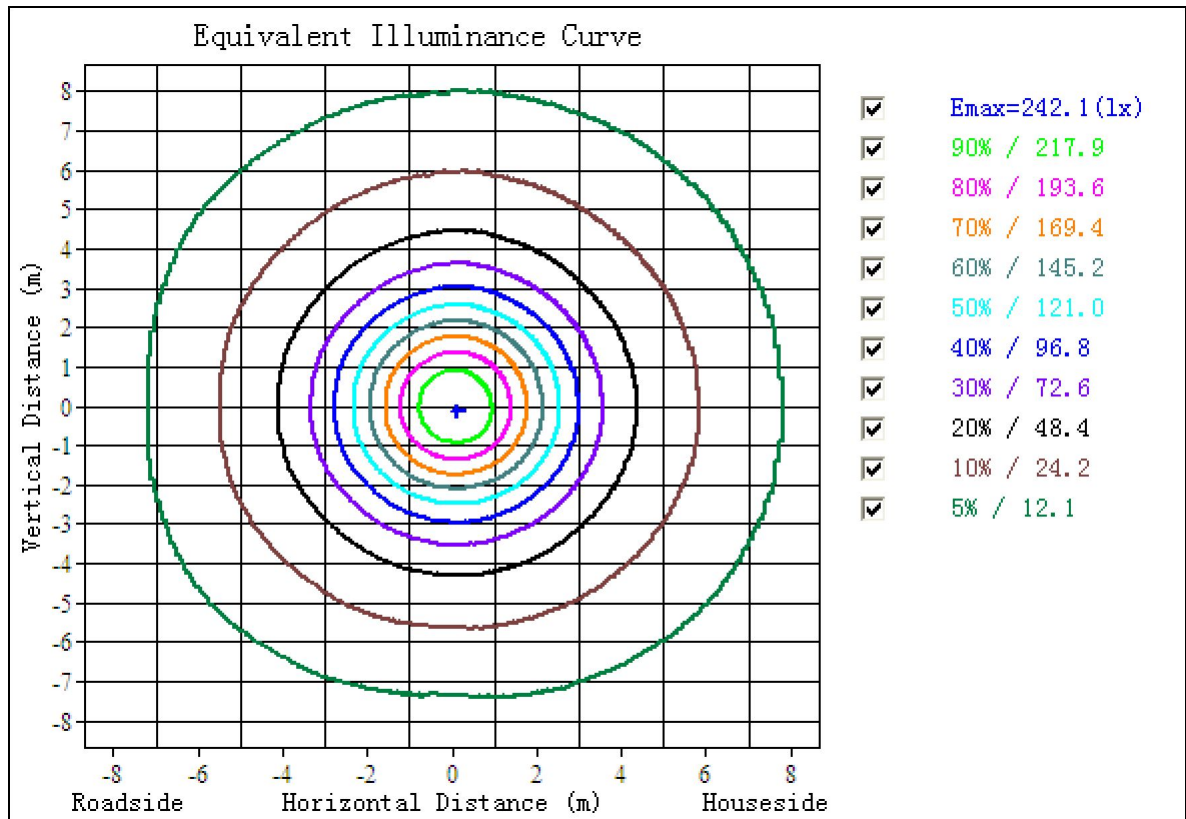
Humidity(%) : 65

Tester :

Date : 2015-12-11

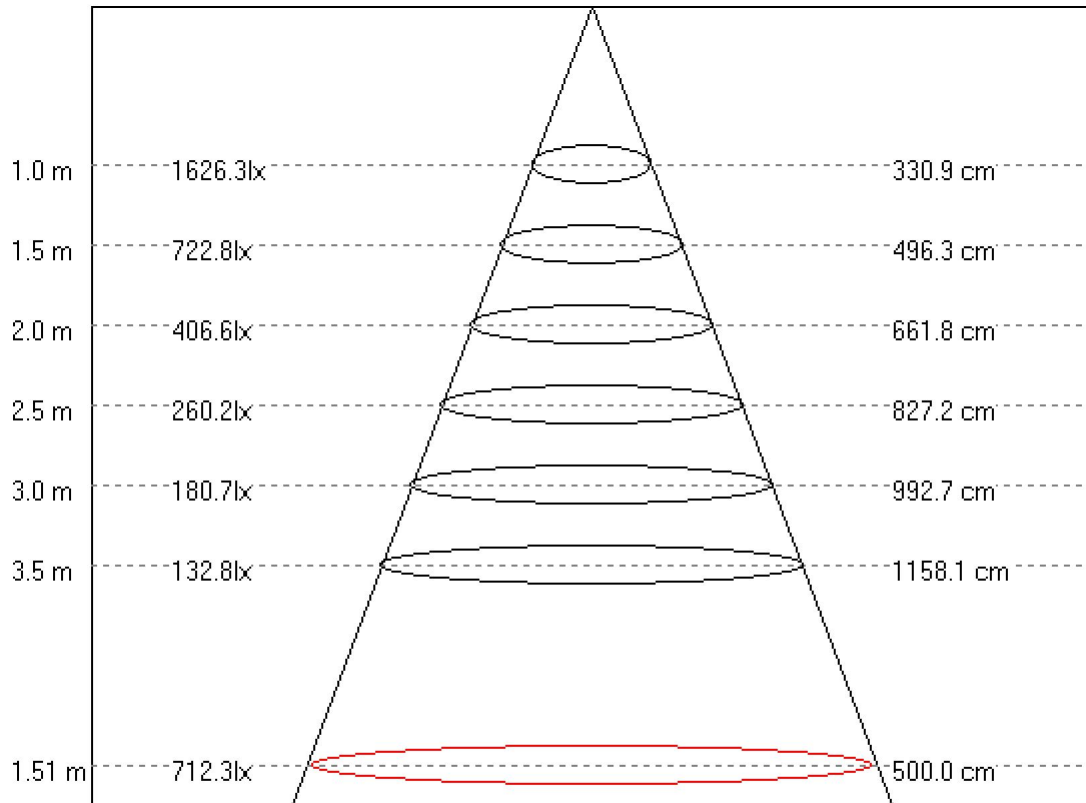
Remark :

Plane Equivalent Illuminance Curve



| | | | |
|-------------------|---------------|---------------|------------|
| Test Area : | Hemispherical | Distance(m) : | 3.9 |
| C interval(°) : | 45 | interval(°) : | 5.0 |
| Temperature(°C) : | 25 | Humidity(%) : | 65 |
| Tester : | | Date : | 2015-12-11 |
| Remark : | | | |

Aver Lux

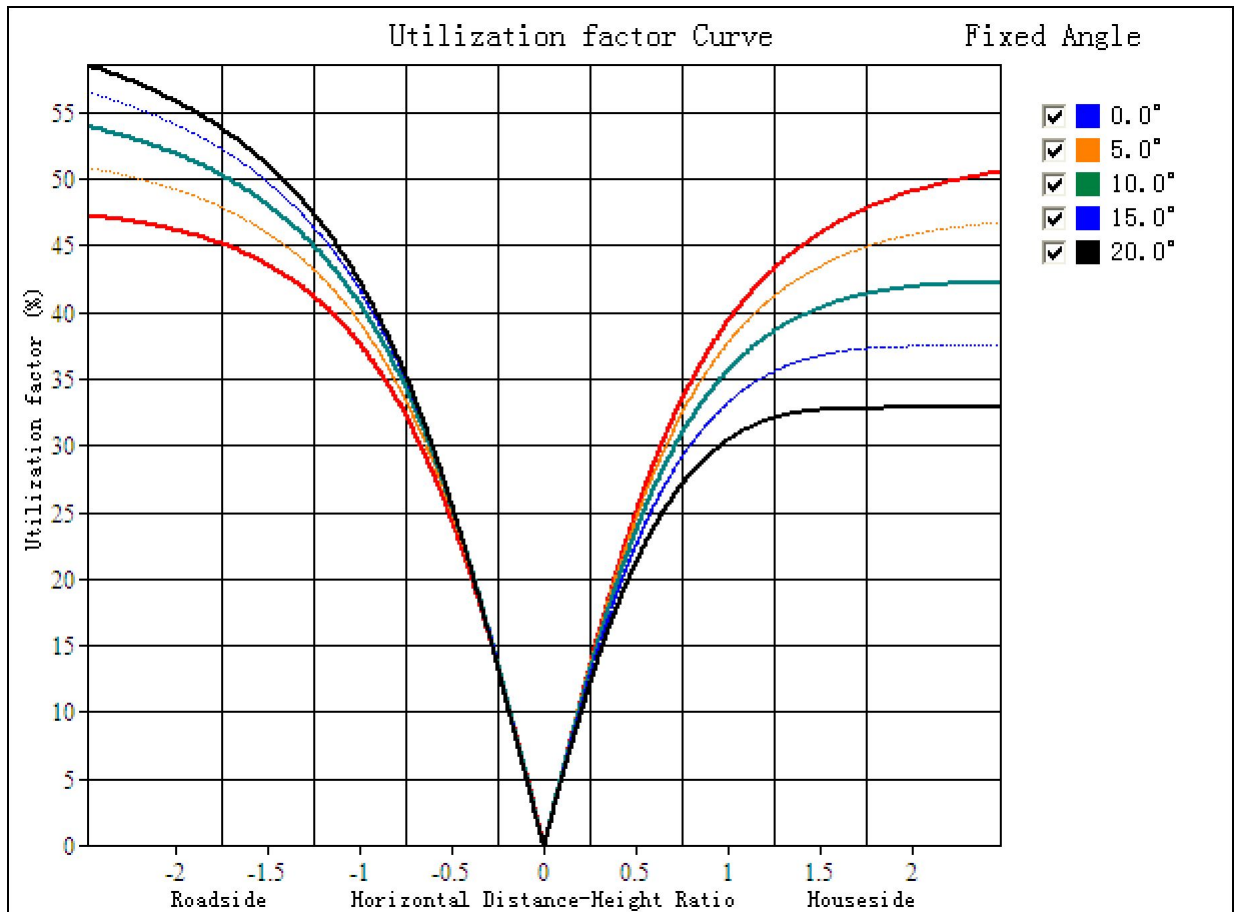


Height(M) Lux(lx) Vertical beam angle(50%): Horizontal beam angle(50%): Spot Diameter(cm)
 117.7° 114.0°

Test Area : Hemispherical
 C interval(°) : 45
 Temperature(°C) : 25
 Tester :
 Remark :

Distance(m) : 3.9
 interval(°) : 5.0
 Humidity(%) : 65
 Date : 2015-12-11

Lamps Utilization factor Curve



Test Area : Hemispherical

Distance(m) : 3.9

C interval(°) : 45

interval(°) : 5.0

Temperature(°C) : 25

Humidity(%) : 65

Tester :

Date : 2015-12-11

Remark :

Lamps Circular Ring-shaped Flux

| /I(cd)\C(°) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | Range | Ring(lm) | Total(lm) |
|-------------|------|------|------|------|------|------|------|------|---------|----------|-----------|
| 5 | 3676 | 3646 | 3612 | 3614 | 3679 | 3713 | 3681 | 3669 | 0-5 | 87.63 | 87.63 |
| 10 | 3643 | 3590 | 3538 | 3574 | 3673 | 3694 | 3674 | 3640 | 5-10 | 260.64 | 348.27 |
| 15 | 3601 | 3520 | 3440 | 3486 | 3573 | 3650 | 3615 | 3610 | 10-15 | 426.24 | 774.51 |
| 20 | 3510 | 3398 | 3291 | 3347 | 3502 | 3545 | 3542 | 3542 | 15-20 | 578.26 | 1352.77 |
| 25 | 3429 | 3252 | 3088 | 3192 | 3375 | 3404 | 3406 | 3444 | 20-25 | 710.94 | 2063.71 |
| 30 | 3312 | 3077 | 2903 | 3008 | 3164 | 3256 | 3258 | 3290 | 25-30 | 819.75 | 2883.46 |
| 35 | 3127 | 2873 | 2710 | 2797 | 3004 | 3044 | 3061 | 3103 | 30-35 | 901.07 | 3784.53 |
| 40 | 2930 | 2632 | 2524 | 2560 | 2811 | 2822 | 2873 | 2867 | 35-40 | 953.24 | 4737.77 |
| 45 | 2746 | 2428 | 2292 | 2348 | 2580 | 2578 | 2649 | 2617 | 40-45 | 977.40 | 5715.17 |
| 50 | 2524 | 2201 | 2055 | 2116 | 2311 | 2317 | 2402 | 2376 | 45-50 | 972.82 | 6687.99 |
| 55 | 2272 | 1963 | 1785 | 1867 | 1973 | 2046 | 2136 | 2107 | 50-55 | 935.66 | 7623.65 |
| 60 | 1932 | 1678 | 1475 | 1564 | 1502 | 1733 | 1836 | 1804 | 55-60 | 856.57 | 8480.22 |
| 65 | 1534 | 1317 | 990 | 1252 | 1017 | 1371 | 1481 | 1416 | 60-65 | 725.56 | 9205.78 |
| 70 | 1087 | 960 | 415 | 835 | 578 | 959 | 992 | 1093 | 65-70 | 546.72 | 9752.50 |
| 75 | 648 | 447 | 0.06 | 328 | 224 | 442 | 399 | 618 | 70-75 | 326.90 | 10079.40 |
| 80 | 273 | 35.3 | 0.00 | 8.72 | 6.45 | 43.2 | 0.00 | 142 | 75-80 | 120.61 | 10200.01 |
| 85 | 20.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 80-85 | 17.94 | 10217.95 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 85-90 | 0.70 | 10218.65 |
| 95 | | | | | | | | | 90-95 | | |
| 100 | | | | | | | | | 95-100 | | |
| 105 | | | | | | | | | 100-105 | | |
| 110 | | | | | | | | | 105-110 | | |
| 115 | | | | | | | | | 110-115 | | |
| 120 | | | | | | | | | 115-120 | | |
| 125 | | | | | | | | | 120-125 | | |
| 130 | | | | | | | | | 125-130 | | |
| 135 | | | | | | | | | 130-135 | | |
| 140 | | | | | | | | | 135-140 | | |
| 145 | | | | | | | | | 140-145 | | |
| 150 | | | | | | | | | 145-150 | | |
| 155 | | | | | | | | | 150-155 | | |
| 160 | | | | | | | | | 155-160 | | |
| 165 | | | | | | | | | 160-165 | | |
| 170 | | | | | | | | | 165-170 | | |
| 175 | | | | | | | | | 170-175 | | |
| 180 | | | | | | | | | 175-180 | | |

Test Area : Hemispherical

Distance(m) : 3.9

C interval(°) : 45

interval(°) : 5.0

Temperature(°C) : 25

Humidity(%) : 65

Tester :

Date : 2015-12-11

Remark :

Lamps Light Intensity Distribution Data

| /I(cd)\C(°) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 |
|-------------|------|------|------|------|------|------|------|------|
| 0 | 3672 | 3672 | 3672 | 3672 | 3672 | 3672 | 3672 | 3672 |
| 5 | 3676 | 3646 | 3612 | 3614 | 3679 | 3713 | 3681 | 3669 |
| 10 | 3643 | 3590 | 3538 | 3574 | 3673 | 3694 | 3674 | 3640 |
| 15 | 3601 | 3520 | 3440 | 3486 | 3573 | 3650 | 3615 | 3610 |
| 20 | 3510 | 3398 | 3291 | 3347 | 3502 | 3545 | 3542 | 3542 |
| 25 | 3429 | 3252 | 3088 | 3192 | 3375 | 3404 | 3406 | 3444 |
| 30 | 3312 | 3077 | 2903 | 3008 | 3164 | 3256 | 3258 | 3290 |
| 35 | 3127 | 2873 | 2710 | 2797 | 3004 | 3044 | 3061 | 3103 |
| 40 | 2930 | 2632 | 2524 | 2560 | 2811 | 2822 | 2873 | 2867 |
| 45 | 2746 | 2428 | 2292 | 2348 | 2580 | 2578 | 2649 | 2617 |
| 50 | 2524 | 2201 | 2055 | 2116 | 2311 | 2317 | 2402 | 2376 |
| 55 | 2272 | 1963 | 1785 | 1867 | 1973 | 2046 | 2136 | 2107 |
| 60 | 1932 | 1678 | 1475 | 1564 | 1502 | 1733 | 1836 | 1804 |
| 65 | 1534 | 1317 | 990 | 1252 | 1017 | 1371 | 1481 | 1416 |
| 70 | 1087 | 960 | 415 | 835 | 578 | 959 | 992 | 1093 |
| 75 | 648 | 447 | 0.06 | 328 | 224 | 442 | 399 | 618 |
| 80 | 273 | 35.3 | 0.00 | 8.72 | 6.45 | 43.2 | 0.00 | 142 |
| 85 | 20.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Test Area : Hemispherical

Distance(m) : 3.9

C interval(°) : 45

interval(°) : 5.0

Temperature(°C) : 25

Humidity(%) : 65

Tester :

Date : 2015-12-11

Remark :