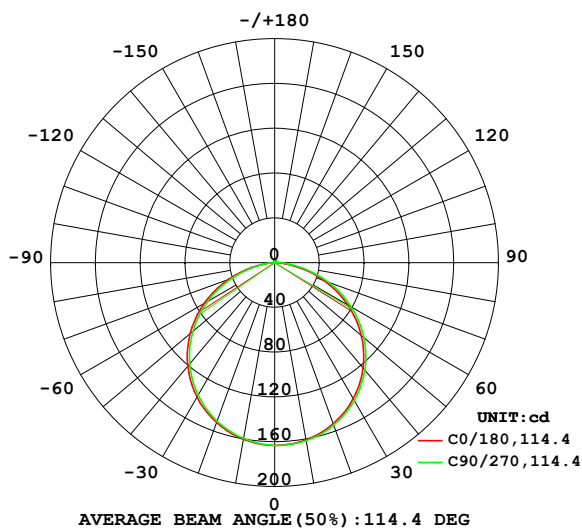


LUMINAIRE PHOTOMETRIC TEST REPORT

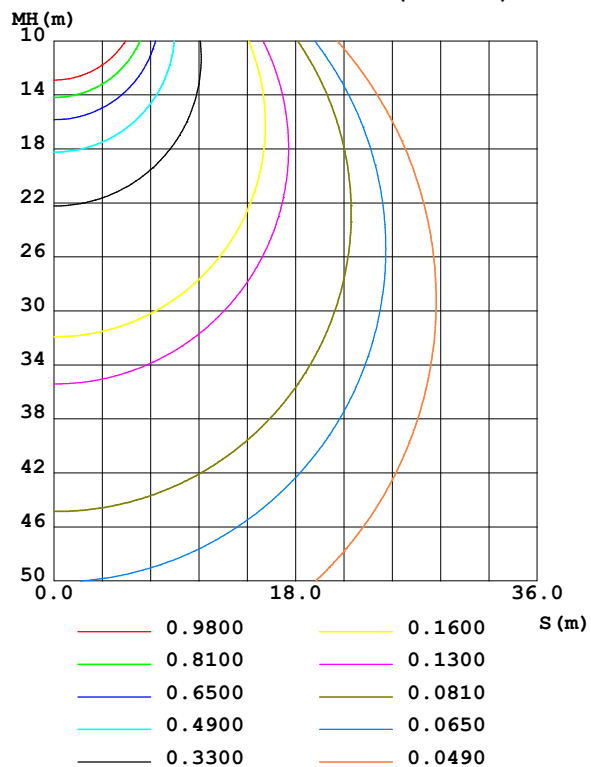
| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 97.12 lm/W |
|------------------|---------|-----------------------|--------|-------------------|----------|-----------------|
| MODEL | 2700K | I _{max} (cd) | 163.4 | S/MH(C0/180) | 1.26 | |
| NOMINAL POWER(W) | 4.8 | LOR(%) | 100.0 | S/MH(C90/270) | 1.25 | |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 480.10 | □ UP,DN(C0-180) | 0.7,51.2 | |
| NOMINAL FLUX(lm) | 6.85856 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 0.6,47.5 | |
| LAMPS INSIDE | 70 | □ up (%) | 1.3 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE(V) | 24 | □ down (%) | 98.7 | CIBSE SHR MAX | 1.35 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-22

□ Range: 0 - 180DEG
 □ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 160.9 | 161.5 | 161.5 | 161.0 | 160.2 | 159.6 | 159.5 | 160.1 | 0- 10 | 15.45 | 15.45 | 3.22,3.22 |
| 20 | 153.2 | 154.4 | 154.5 | 153.4 | 152.0 | 150.7 | 150.5 | 151.6 | 10- 20 | 44.37 | 59.83 | 12.5,12.5 |
| 30 | 140.4 | 142.3 | 142.4 | 140.8 | 138.7 | 136.9 | 136.7 | 138.2 | 20- 30 | 67.60 | 127.4 | 26.5,26.5 |
| 40 | 122.9 | 125.4 | 125.4 | 123.4 | 120.8 | 118.4 | 118.1 | 120.0 | 30- 40 | 82.09 | 209.5 | 43.6,43.6 |
| 50 | 101.1 | 104.1 | 104.1 | 101.8 | 98.58 | 95.84 | 95.45 | 97.61 | 40- 50 | 85.83 | 295.3 | 61.5,61.5 |
| 60 | 75.39 | 78.93 | 79.05 | 76.41 | 72.66 | 69.58 | 69.15 | 71.45 | 50- 60 | 78.03 | 373.4 | 77.8,77.8 |
| 70 | 46.90 | 50.80 | 51.09 | 48.26 | 44.00 | 40.77 | 40.33 | 42.60 | 60- 70 | 59.40 | 432.8 | 90.1,90.1 |
| 80 | 18.19 | 21.81 | 22.27 | 19.69 | 15.31 | 13.22 | 13.01 | 14.65 | 70- 80 | 32.86 | 465.6 | 97,97 |
| 90 | 0.1712 | 1.920 | 2.337 | 1.638 | 0.1550 | 0.3041 | 0.3937 | 0.6633 | 80- 90 | 8.091 | 473.7 | 98.7,98.7 |
| 100 | 0.3808 | 0.3542 | 0.3610 | 0.3728 | 0.3433 | 0.3785 | 0.3852 | 0.3614 | 90-100 | 0.4659 | 474.2 | 98.8,98.8 |
| 110 | 0.7143 | 0.6491 | 0.6484 | 0.6722 | 0.6435 | 0.6522 | 0.6609 | 0.6253 | 100-110 | 0.5350 | 474.7 | 98.9,98.9 |
| 120 | 1.045 | 0.9512 | 0.9502 | 0.9882 | 0.9531 | 0.9328 | 0.9318 | 0.9057 | 110-120 | 0.7954 | 475.5 | 99,99 |
| 130 | 1.341 | 1.234 | 1.231 | 1.278 | 1.239 | 1.199 | 1.184 | 1.169 | 120-130 | 0.9796 | 476.5 | 99.3,99.3 |
| 140 | 1.586 | 1.482 | 1.468 | 1.530 | 1.470 | 1.430 | 1.395 | 1.395 | 130-140 | 1.046 | 477.5 | 99.5,99.5 |
| 150 | 1.777 | 1.703 | 1.685 | 1.742 | 1.661 | 1.630 | 1.573 | 1.604 | 140-150 | 0.9860 | 478.5 | 99.7,99.7 |
| 160 | 1.936 | 1.891 | 1.910 | 1.908 | 1.837 | 1.811 | 1.790 | 1.797 | 150-160 | 0.8150 | 479.3 | 99.8,99.8 |
| 170 | 2.089 | 2.067 | 2.103 | 2.074 | 2.037 | 2.018 | 2.023 | 2.011 | 160-170 | 0.5507 | 479.9 | 100,100 |
| 180 | 2.242 | 2.236 | 2.262 | 2.246 | 2.242 | 2.236 | 2.265 | 2.246 | 170-180 | 0.2026 | 480.1 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 261.3 lm

%lum = 54.4%

%lamp = 54.4%

Conical surface Flux(120deg): 373.38 lm

%lum = 77.8%

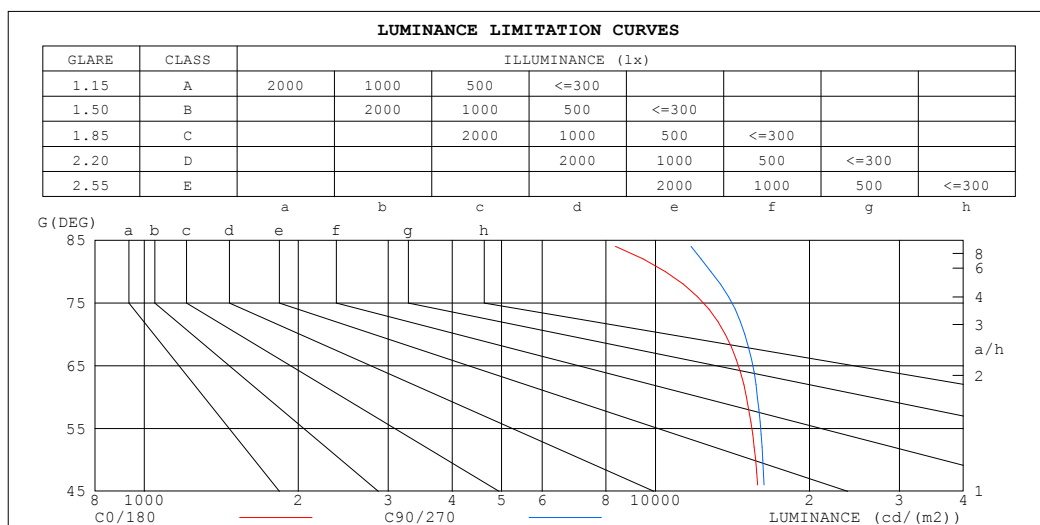
%lamp = 77.8%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-22

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 10015 | 14075 |
| 80 | 10455 | 12835 |
| 75 | 13544 | 15237 |
| 70 | 13691 | 14949 |
| 65 | 15200 | 16159 |
| 60 | 15052 | 15821 |
| 55 | 15877 | 16482 |
| 50 | 15695 | 16210 |
| 45 | 16186 | 16614 |

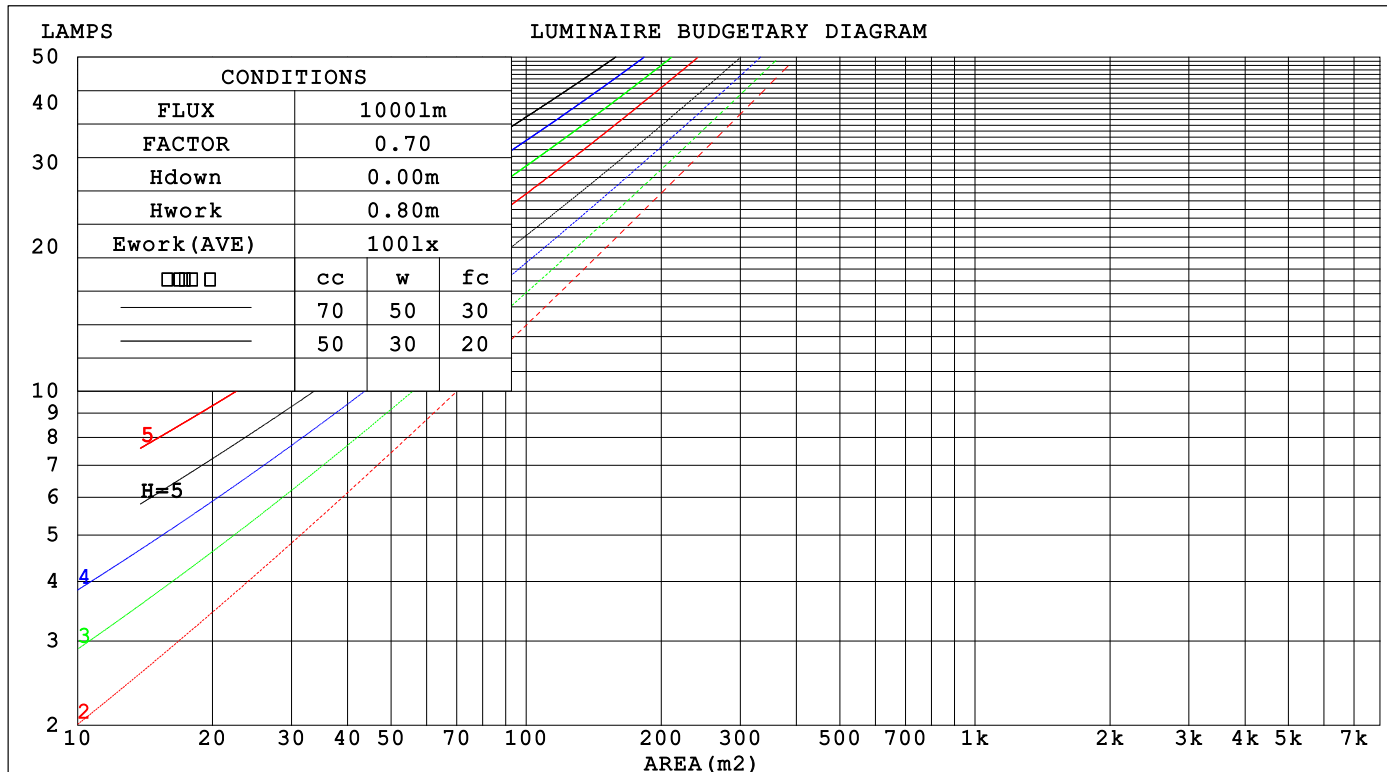
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-22

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|---------------------------------|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | Wall Exitance Coefficients(WEC) |
| 0.0 | | | | | | |
| 1.0 | .308 .175 .055 | .301 .171 .054 | .287 .164 .052 | .274 .158 .051 | .262 .152 .049 | |
| 2.0 | .291 .159 .049 | .284 .157 .048 | .272 .151 .047 | .260 .146 .046 | .250 .141 .045 | |
| 3.0 | .270 .143 .043 | .264 .141 .043 | .253 .137 .042 | .243 .133 .041 | .233 .129 .040 | |
| 4.0 | .249 .129 .038 | .244 .128 .038 | .234 .124 .037 | .225 .121 .036 | .217 .118 .036 | |
| 5.0 | .230 .117 .034 | .226 .116 .034 | .217 .113 .033 | .209 .110 .033 | .201 .108 .032 | |
| 6.0 | .214 .107 .031 | .210 .106 .030 | .202 .103 .030 | .194 .101 .030 | .188 .099 .029 | |
| 7.0 | .199 .098 .028 | .195 .097 .028 | .188 .095 .027 | .182 .093 .027 | .176 .091 .027 | |
| 8.0 | .186 .091 .026 | .182 .090 .025 | .176 .088 .025 | .170 .086 .025 | .165 .085 .025 | |
| 9.0 | .174 .084 .024 | .171 .083 .023 | .165 .082 .023 | .160 .080 .023 | .155 .079 .023 | |
| 10.0 | .164 .078 .022 | .161 .078 .022 | .156 .076 .022 | .151 .075 .021 | .146 .074 .021 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|--|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | Ceiling Cavity Exitance Coefficients(CCEC) |
| 0.0 | .201 .201 .201 | .171 .171 .171 | .117 .117 .117 | .067 .067 .067 | .021 .021 .021 | |
| 1.0 | .190 .166 .145 | .163 .143 .125 | .111 .098 .086 | .064 .057 .050 | .021 .018 .016 | |
| 2.0 | .182 .142 .108 | .156 .122 .094 | .107 .085 .065 | .062 .049 .038 | .020 .016 .012 | |
| 3.0 | .175 .125 .085 | .150 .108 .073 | .103 .075 .051 | .059 .044 .030 | .019 .014 .010 | |
| 4.0 | .167 .111 .069 | .143 .096 .060 | .099 .067 .042 | .057 .039 .025 | .018 .013 .008 | |
| 5.0 | .160 .101 .058 | .137 .087 .050 | .095 .061 .035 | .055 .036 .021 | .018 .012 .007 | |
| 6.0 | .153 .093 .050 | .131 .080 .043 | .091 .056 .031 | .053 .033 .018 | .017 .011 .006 | |
| 7.0 | .146 .086 .044 | .125 .074 .038 | .087 .052 .027 | .050 .031 .016 | .016 .010 .005 | |
| 8.0 | .139 .080 .039 | .120 .069 .034 | .083 .049 .024 | .048 .029 .014 | .016 .009 .005 | |
| 9.0 | .133 .075 .036 | .115 .065 .031 | .080 .046 .022 | .046 .027 .013 | .015 .009 .004 | |
| 10.0 | .128 .071 .033 | .110 .061 .029 | .076 .043 .020 | .045 .026 .012 | .014 .008 .004 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|-----|------------------|------|------|----------------------|------|----------------|------------------|------|------|------|
| NAME: 2835 IP20 | | | | | TYPE: 2835 70LED 24V | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.: 0.01*0.5 | | | 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 | | 25.1 | 26.6 | 25.4 | 26.8 | 27.1 | 25.3 | 26.8 | 25.6 | 27.0 | 27.3 |
| 3H | | 26.6 | 28.0 | 27.0 | 28.3 | 28.6 | 26.9 | 28.3 | 27.2 | 28.6 | 28.8 |
| 4H | | 27.2 | 28.6 | 27.6 | 28.8 | 29.1 | 27.6 | 28.9 | 27.9 | 29.2 | 29.5 |
| 6H | | 27.6 | 28.9 | 28.0 | 29.1 | 29.5 | 28.1 | 29.3 | 28.4 | 29.6 | 29.9 |
| 8H | | 27.7 | 28.9 | 28.1 | 29.2 | 29.5 | 28.2 | 29.4 | 28.6 | 29.7 | 30.0 |
| 12H | | 27.7 | 28.9 | 28.1 | 29.2 | 29.5 | 28.3 | 29.5 | 28.7 | 29.8 | 30.1 |
| 4H 2H | | 25.8 | 27.1 | 26.1 | 27.4 | 27.7 | 25.9 | 27.2 | 26.3 | 27.5 | 27.8 |
| 3H | | 27.5 | 28.7 | 27.9 | 29.0 | 29.3 | 27.7 | 28.9 | 28.1 | 29.2 | 29.6 |
| 4H | | 28.2 | 29.3 | 28.6 | 29.6 | 30.0 | 28.5 | 29.6 | 28.9 | 29.9 | 30.3 |
| 6H | | 28.7 | 29.7 | 29.1 | 30.0 | 30.4 | 29.1 | 30.1 | 29.6 | 30.5 | 30.9 |
| 8H | | 28.9 | 29.7 | 29.3 | 30.1 | 30.5 | 29.4 | 30.2 | 29.8 | 30.6 | 31.0 |
| 12H | | 28.9 | 29.7 | 29.4 | 30.2 | 30.6 | 29.5 | 30.3 | 29.9 | 30.7 | 31.1 |
| 8H 4H | | 28.5 | 29.4 | 29.0 | 29.8 | 30.2 | 28.8 | 29.7 | 29.2 | 30.1 | 30.5 |
| 6H | | 29.2 | 29.9 | 29.7 | 30.3 | 30.8 | 29.6 | 30.3 | 30.0 | 30.7 | 31.2 |
| 8H | | 29.4 | 30.1 | 29.9 | 30.5 | 31.0 | 29.9 | 30.5 | 30.4 | 31.0 | 31.4 |
| 12H | | 29.6 | 30.1 | 30.1 | 30.6 | 31.1 | 30.1 | 30.7 | 30.6 | 31.1 | 31.6 |
| 12H 4H | | 28.6 | 29.4 | 29.0 | 29.8 | 30.2 | 28.8 | 29.6 | 29.3 | 30.0 | 30.5 |
| 6H | | 29.3 | 29.9 | 29.7 | 30.4 | 30.8 | 29.6 | 30.3 | 30.1 | 30.7 | 31.2 |
| 8H | | 29.5 | 30.1 | 30.0 | 30.5 | 31.1 | 30.0 | 30.5 | 30.5 | 31.0 | 31.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 480.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

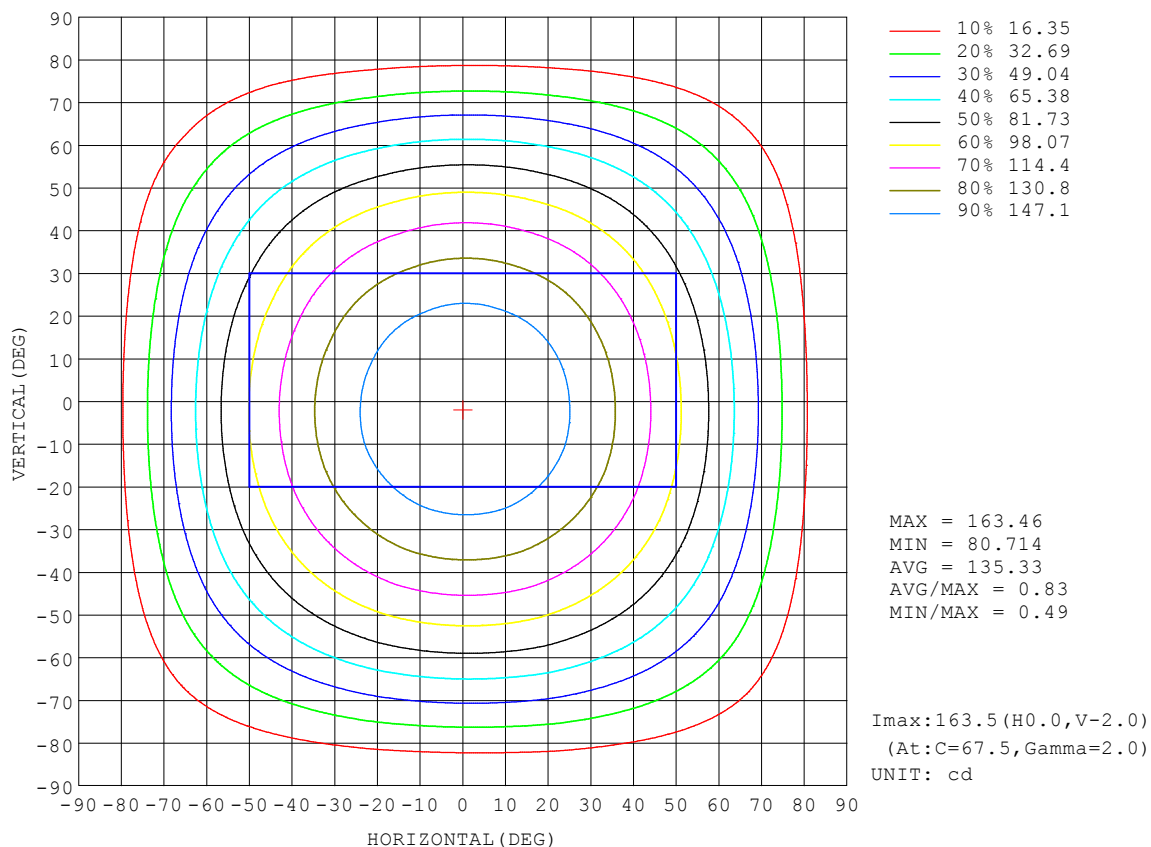
```

Range: 0 - 180DEG
Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |

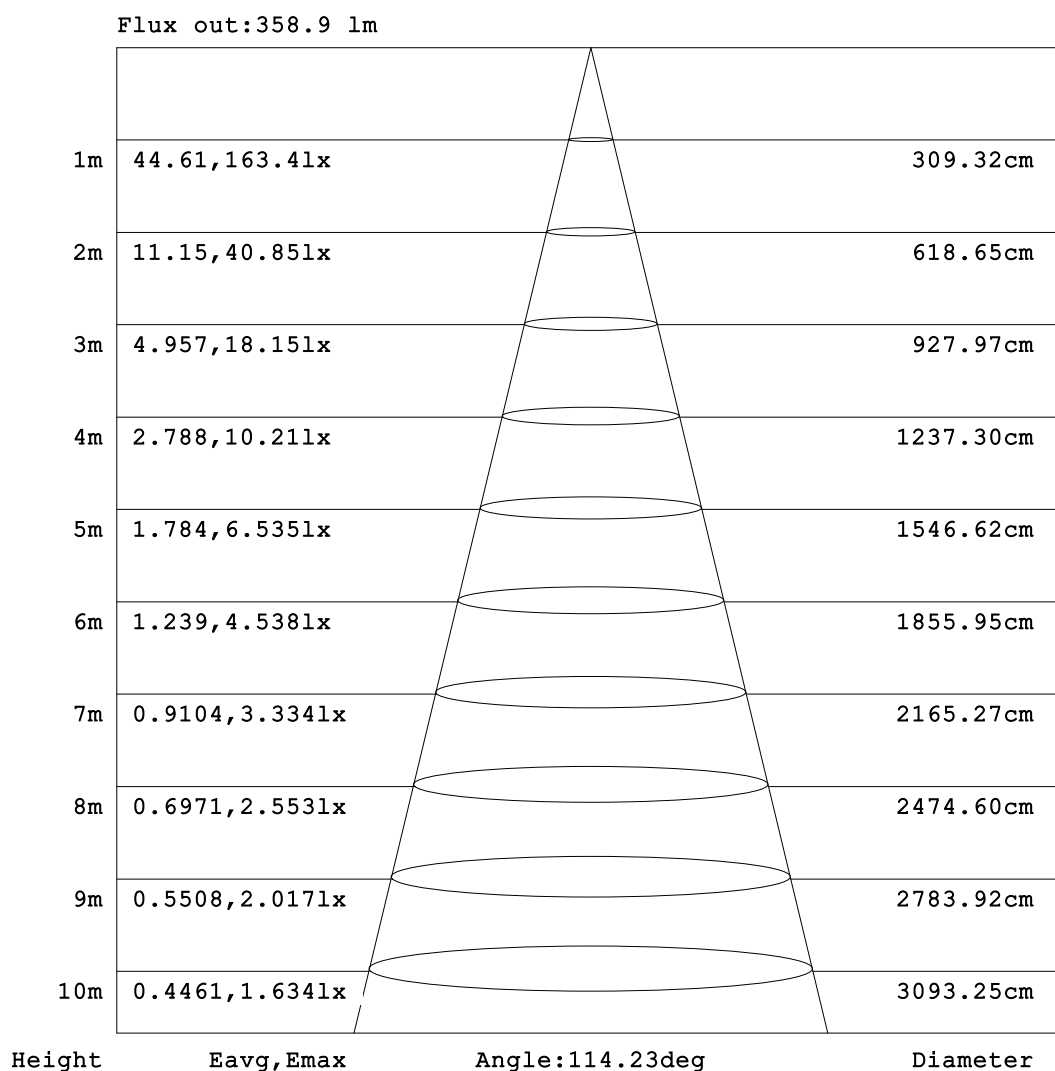


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

AAI Figure

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |



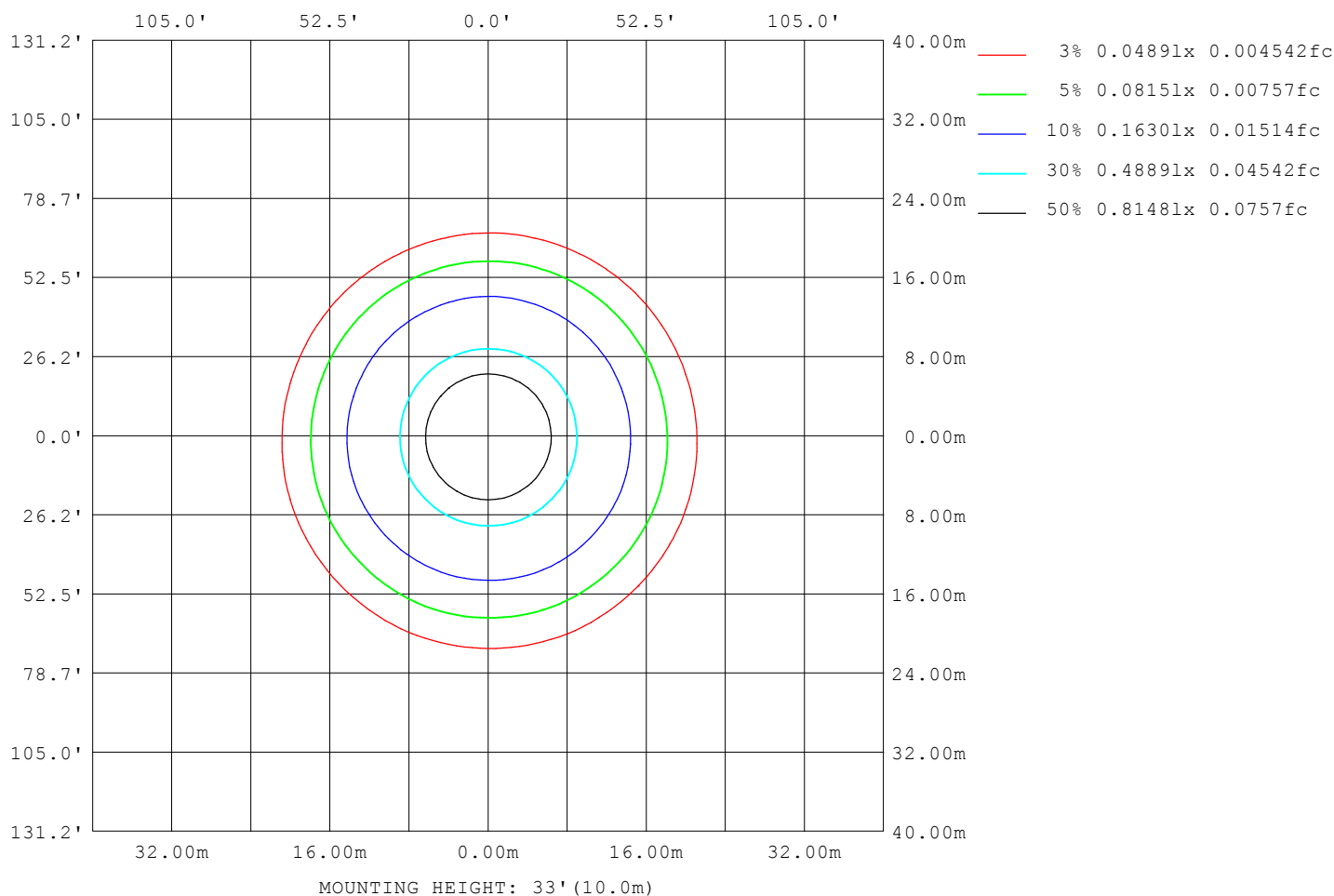
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |

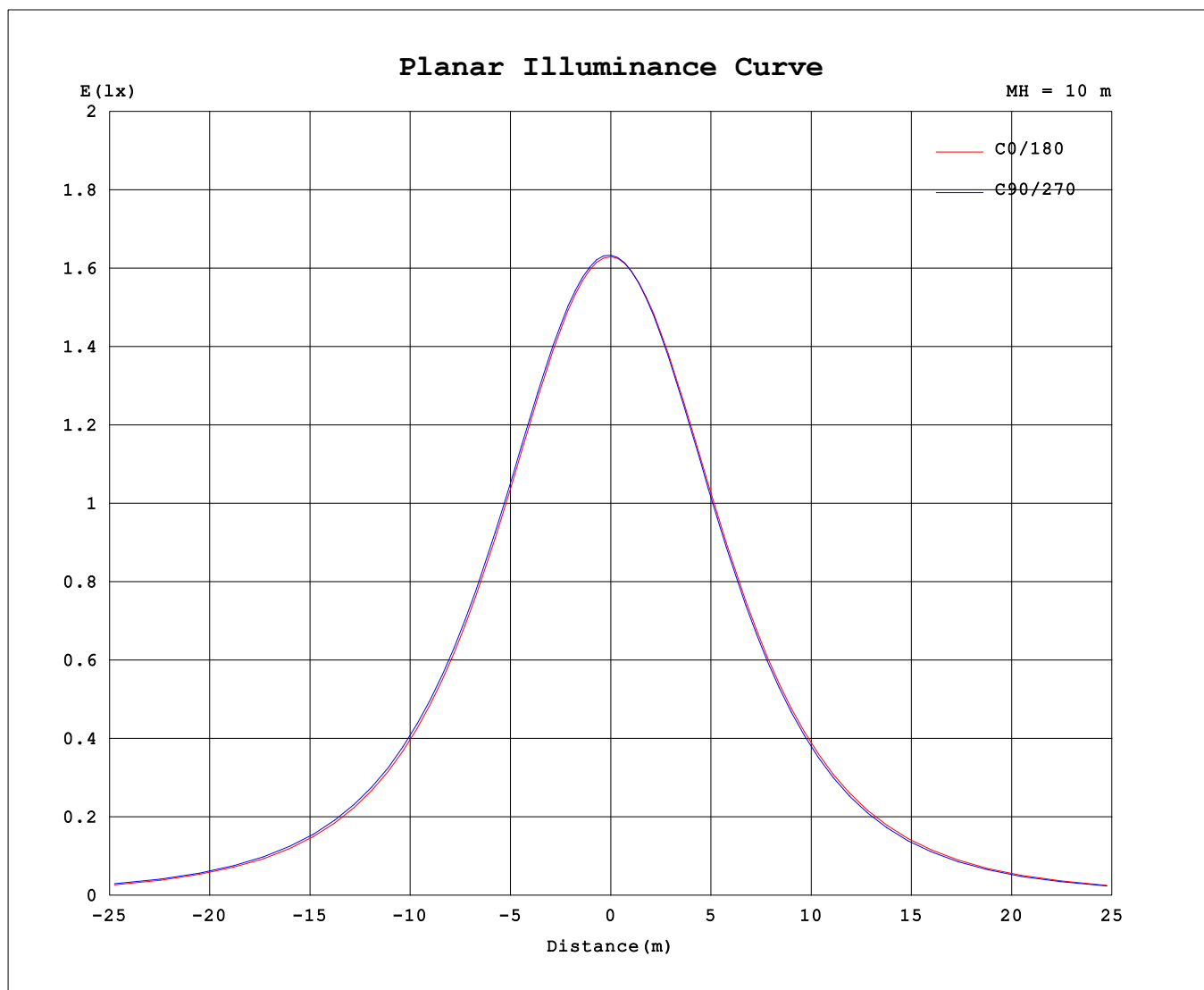
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 14204 |
| L_0~180 (75) av | 11907 |
| L_0~180 (85) av | 6372 |
| L_90~270 (65) av | 14241 |
| L_90~270 (75) av | 12066 |
| L_90~270 (85) av | 7965 |
| L_45 (65) av | 14229 |
| L_45 (75) av | 11997 |
| L_45 (85) av | 7488 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-22

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP20 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.01*0.5 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) □ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | | | |
| 5 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 162 | 162 | 162 | 162 | 162 | 163 | 163 | | | |
| 10 | 161 | 161 | 161 | 162 | 162 | 161 | 161 | 161 | 160 | 160 | 160 | 159 | 160 | 160 | 160 | 160 | | | |
| 15 | 158 | 159 | 159 | 159 | 159 | 159 | 159 | 158 | 158 | 157 | 157 | 156 | 157 | 157 | 157 | 158 | | | |
| 20 | 153 | 154 | 154 | 155 | 154 | 154 | 153 | 153 | 152 | 151 | 151 | 150 | 151 | 151 | 152 | 152 | | | |
| 25 | 149 | 150 | 150 | 151 | 150 | 150 | 149 | 148 | 147 | 146 | 146 | 145 | 146 | 146 | 147 | 148 | | | |
| 30 | 140 | 142 | 142 | 143 | 142 | 142 | 141 | 140 | 139 | 137 | 137 | 136 | 137 | 137 | 138 | 139 | | | |
| 35 | 134 | 136 | 136 | 137 | 136 | 136 | 134 | 133 | 132 | 131 | 130 | 129 | 130 | 130 | 131 | 132 | | | |
| 40 | 123 | 125 | 125 | 126 | 125 | 125 | 123 | 122 | 121 | 119 | 118 | 118 | 118 | 119 | 120 | 121 | | | |
| 45 | 115 | 117 | 117 | 118 | 117 | 117 | 115 | 114 | 112 | 110 | 110 | 109 | 110 | 110 | 112 | 113 | | | |
| 50 | 101 | 103 | 104 | 105 | 104 | 103 | 102 | 100 | 98.6 | 96.6 | 95.8 | 95.0 | 95.5 | 96.0 | 97.6 | 99.0 | | | |
| 55 | 91.2 | 93.6 | 94.4 | 95.3 | 94.5 | 93.8 | 92.1 | 90.6 | 88.6 | 86.5 | 85.7 | 84.9 | 85.3 | 85.9 | 87.5 | 89.1 | | | |
| 60 | 75.4 | 77.9 | 78.9 | 79.9 | 79.0 | 78.3 | 76.4 | 74.9 | 72.7 | 70.5 | 69.6 | 68.8 | 69.1 | 69.9 | 71.5 | 73.1 | | | |
| 65 | 64.3 | 66.9 | 68.0 | 69.0 | 68.2 | 67.3 | 65.5 | 63.7 | 61.4 | 59.3 | 58.3 | 57.5 | 57.8 | 58.6 | 60.2 | 61.9 | | | |
| 70 | 46.9 | 49.5 | 50.8 | 51.8 | 51.1 | 50.1 | 48.3 | 46.4 | 44.0 | 41.8 | 40.8 | 40.0 | 40.3 | 41.0 | 42.6 | 44.3 | | | |
| 75 | 35.1 | 37.7 | 39.1 | 40.0 | 39.4 | 38.4 | 36.6 | 34.7 | 32.3 | 30.1 | 29.2 | 28.4 | 28.8 | 29.4 | 30.9 | 32.5 | | | |
| 80 | 18.2 | 20.6 | 21.8 | 22.8 | 22.3 | 21.4 | 19.7 | 18.0 | 15.3 | 13.4 | 13.2 | 12.7 | 13.0 | 13.5 | 14.7 | 16.0 | | | |
| 85 | 8.74 | 10.6 | 11.7 | 12.6 | 12.3 | 11.6 | 10.2 | 8.70 | 6.26 | 5.06 | 5.15 | 4.89 | 5.21 | 5.59 | 6.27 | 7.12 | | | |
| 90 | 0.17 | 1.48 | 1.92 | 2.43 | 2.34 | 2.16 | 1.64 | 1.09 | 0.15 | 0.36 | 0.30 | 0.32 | 0.39 | 0.52 | 0.66 | 0.75 | | | |
| 95 | 0.22 | 0.29 | 0.42 | 0.56 | 0.55 | 0.45 | 0.32 | 0.26 | 0.21 | 0.23 | 0.26 | 0.27 | 0.26 | 0.26 | 0.25 | 0.22 | | | |
| 100 | 0.38 | 0.35 | 0.35 | 0.36 | 0.36 | 0.37 | 0.37 | 0.38 | 0.34 | 0.36 | 0.38 | 0.39 | 0.39 | 0.38 | 0.36 | 0.34 | | | |
| 105 | 0.51 | 0.47 | 0.47 | 0.46 | 0.47 | 0.48 | 0.48 | 0.50 | 0.46 | 0.47 | 0.48 | 0.49 | 0.49 | 0.47 | 0.46 | 0.44 | | | |
| 110 | 0.71 | 0.66 | 0.65 | 0.64 | 0.65 | 0.66 | 0.67 | 0.69 | 0.64 | 0.64 | 0.65 | 0.66 | 0.66 | 0.64 | 0.63 | 0.62 | | | |
| 115 | 0.85 | 0.78 | 0.77 | 0.76 | 0.77 | 0.78 | 0.80 | 0.82 | 0.77 | 0.75 | 0.77 | 0.77 | 0.77 | 0.76 | 0.74 | 0.73 | | | |
| 120 | 1.05 | 0.97 | 0.95 | 0.95 | 0.95 | 0.96 | 0.99 | 1.01 | 0.95 | 0.93 | 0.93 | 0.94 | 0.93 | 0.92 | 0.91 | 0.90 | | | |
| 125 | 1.16 | 1.10 | 1.07 | 1.06 | 1.07 | 1.08 | 1.10 | 1.14 | 1.07 | 1.05 | 1.04 | 1.04 | 1.04 | 1.03 | 1.02 | 1.01 | | | |
| 130 | 1.34 | 1.27 | 1.23 | 1.23 | 1.23 | 1.25 | 1.28 | 1.31 | 1.24 | 1.22 | 1.20 | 1.19 | 1.18 | 1.18 | 1.17 | 1.18 | | | |
| 135 | 1.45 | 1.38 | 1.34 | 1.33 | 1.33 | 1.36 | 1.38 | 1.42 | 1.33 | 1.32 | 1.30 | 1.28 | 1.27 | 1.27 | 1.26 | 1.29 | | | |
| 140 | 1.59 | 1.53 | 1.48 | 1.47 | 1.47 | 1.51 | 1.53 | 1.56 | 1.47 | 1.45 | 1.43 | 1.41 | 1.40 | 1.40 | 1.40 | 1.42 | | | |
| 145 | 1.67 | 1.62 | 1.58 | 1.55 | 1.56 | 1.60 | 1.62 | 1.64 | 1.55 | 1.53 | 1.51 | 1.50 | 1.47 | 1.47 | 1.48 | 1.51 | | | |
| 150 | 1.78 | 1.74 | 1.70 | 1.67 | 1.68 | 1.73 | 1.74 | 1.76 | 1.66 | 1.64 | 1.63 | 1.62 | 1.57 | 1.59 | 1.60 | 1.63 | | | |
| 155 | 1.85 | 1.81 | 1.78 | 1.76 | 1.78 | 1.81 | 1.81 | 1.83 | 1.73 | 1.72 | 1.70 | 1.70 | 1.66 | 1.66 | 1.68 | 1.71 | | | |
| 160 | 1.94 | 1.92 | 1.89 | 1.87 | 1.91 | 1.91 | 1.91 | 1.92 | 1.84 | 1.83 | 1.81 | 1.81 | 1.79 | 1.78 | 1.80 | 1.82 | | | |
| 165 | 2.00 | 1.98 | 1.96 | 1.94 | 2.00 | 1.98 | 1.97 | 1.98 | 1.92 | 1.90 | 1.89 | 1.89 | 1.88 | 1.86 | 1.88 | 1.90 | | | |
| 170 | 2.09 | 2.08 | 2.07 | 2.06 | 2.10 | 2.08 | 2.07 | 2.09 | 2.04 | 2.03 | 2.02 | 2.02 | 2.02 | 1.99 | 2.01 | 2.03 | | | |
| 175 | 2.16 | 2.15 | 2.15 | 2.15 | 2.18 | 2.16 | 2.15 | 2.17 | 2.12 | 2.11 | 2.11 | 2.11 | 2.12 | 2.09 | 2.11 | 2.13 | | | |
| 180 | 2.24 | 2.24 | 2.24 | 2.24 | 2.26 | 2.24 | 2.25 | 2.26 | 2.24 | 2.24 | 2.24 | 2.24 | 2.26 | 2.25 | 2.25 | 2.26 | | | |

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-03-22

□ Range: 0 - 180DEG

□ Interval: 2.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450

Humidity:65.0%

Test Distance:5.749m [K=1.0000]

Remarks: