

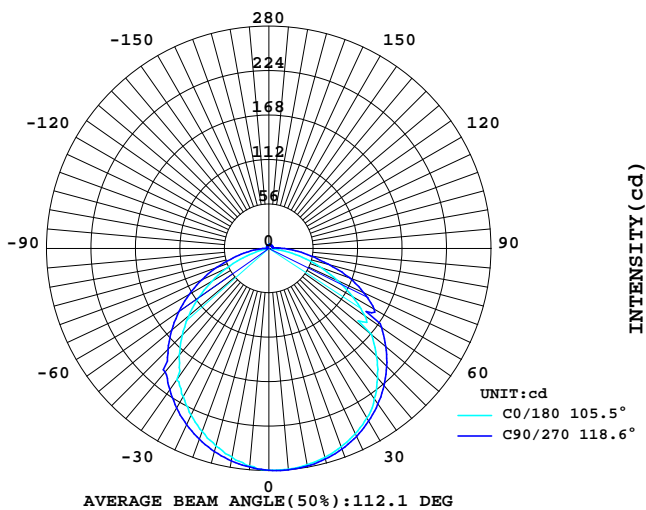
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

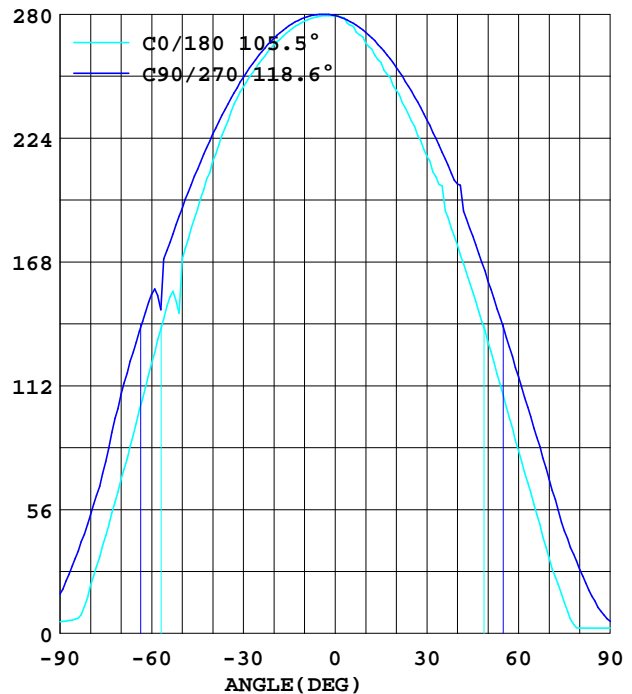
| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-120D-08-20-WW-21 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*8MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

| | | | | | |
|------------------|-------|-----------------------|--------|------------------|-------|
| DATA OF LAMP | | I _{max} (cd) | 280.1 | S/MH(C0/180) | 1.31 |
| MODEL | 2835 | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.34 |
| NOMINAL POWER(W) | 10.49 | TOTAL FLUX(lm) | 847.99 | Voltage(V) | 24.00 |
| RATED VOLTAGE(V) | 24 | EFFICIENCY(lm/W) | 80.8 | Current(A) | 0.437 |
| NOMINAL FLUX(lm) | 848.0 | h up(%) | 3.2 | Power(W) | 10.49 |
| LAMPS QUANTITY | 1 | h down(%) | 96.8 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 24.0 | Effective Flux(lm) | 808.2 | EEL | 0.162 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年08月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

Color Temperature Data List

Report number:

| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-120D-08-20-WW-21 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*8MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

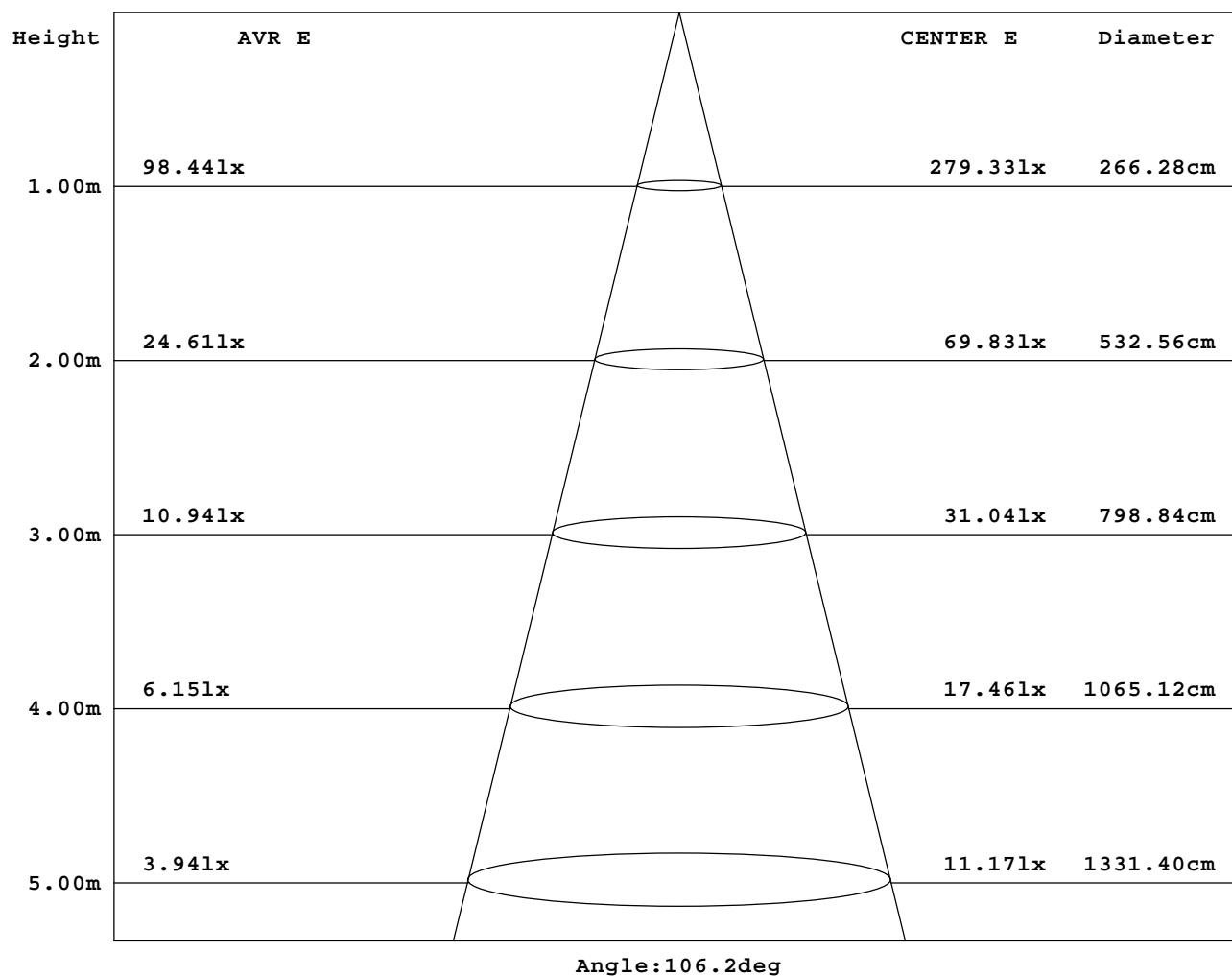
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年08月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-120D-08-20-WW-21 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*8MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年08月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.800 m
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-120D-08-20-WW-21 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*8MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | Zone | tBtal |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|
| 5.0 | 279.1 | 279.4 | 280.1 | 278.5 | 275.1 | 277.6 | 276.6 | 278.0 | 0- 5 | 6.666 | 6.666 |
| 10.0 | 276.9 | 277.1 | 278.5 | 273.5 | 267.1 | 271.2 | 271.9 | 274.8 | 5- 10 | 19.73 | 26.40 |
| 15.0 | 272.5 | 272.5 | 274.9 | 266.7 | 258.2 | 262.4 | 264.9 | 269.2 | 10- 15 | 32.10 | 58.50 |
| 20.0 | 266.0 | 265.8 | 269.1 | 263.8 | 245.7 | 256.7 | 256.0 | 261.5 | 15- 20 | 43.53 | 102.0 |
| 25.0 | 257.7 | 257.4 | 261.5 | 254.8 | 231.7 | 250.1 | 245.4 | 252.3 | 20- 25 | 53.73 | 155.7 |
| 30.0 | 247.1 | 246.6 | 251.4 | 243.7 | 215.9 | 238.1 | 232.3 | 240.8 | 25- 30 | 62.11 | 217.8 |
| 35.0 | 231.7 | 233.9 | 239.5 | 230.5 | 202.4 | 224.0 | 217.6 | 227.2 | 30- 35 | 68.54 | 286.4 |
| 40.0 | 213.5 | 219.8 | 225.8 | 215.9 | 175.6 | 208.4 | 203.2 | 212.4 | 35- 40 | 72.47 | 358.9 |
| 45.0 | 191.9 | 203.7 | 210.0 | 202.4 | 154.3 | 190.8 | 179.6 | 195.2 | 40- 45 | 74.01 | 432.9 |
| 50.0 | 169.2 | 181.5 | 192.2 | 176.0 | 131.9 | 171.2 | 159.4 | 176.3 | 45- 50 | 72.79 | 505.7 |
| 55.0 | 147.9 | 161.9 | 173.2 | 155.7 | 107.7 | 152.5 | 138.6 | 156.1 | 50- 55 | 68.25 | 573.9 |
| 60.0 | 122.1 | 140.1 | 153.4 | 133.1 | 82.62 | 130.6 | 116.0 | 136.9 | 55- 60 | 63.47 | 637.4 |
| 65.0 | 95.01 | 118.0 | 131.6 | 110.3 | 58.38 | 106.8 | 92.92 | 113.9 | 60- 65 | 56.05 | 693.5 |
| 70.0 | 69.77 | 94.32 | 108.3 | 85.88 | 34.38 | 83.55 | 69.92 | 91.14 | 65- 70 | 46.32 | 739.8 |
| 75.0 | 44.21 | 69.92 | 77.82 | 61.48 | 13.93 | 59.86 | 46.46 | 67.45 | 70- 75 | 35.16 | 775.0 |
| 80.0 | 21.60 | 45.22 | 53.43 | 39.64 | 2.323 | 38.25 | 28.88 | 44.99 | 75- 80 | 23.67 | 798.6 |
| 85.0 | 6.427 | 27.41 | 33.76 | 21.29 | 2.400 | 21.52 | 14.48 | 26.79 | 80- 85 | 14.25 | 812.9 |
| 90.0 | 5.343 | 12.31 | 17.81 | 9.680 | 2.400 | 10.45 | 5.498 | 13.24 | 85- 90 | 7.648 | 820.5 |
| 95.0 | 4.878 | 3.407 | 11.30 | 2.013 | 2.555 | 6.272 | 2.942 | 6.350 | 90- 95 | 3.766 | 824.3 |
| 100.0 | 4.646 | 2.090 | 5.420 | 2.090 | 2.787 | 5.420 | 2.478 | 5.498 | 95-100 | 2.264 | 826.6 |
| 105.0 | 4.491 | 2.323 | 4.956 | 2.323 | 2.942 | 5.188 | 2.710 | 5.265 | 100-105 | 2.021 | 828.6 |
| 110.0 | 4.414 | 2.478 | 4.801 | 2.478 | 3.097 | 5.033 | 2.865 | 5.111 | 105-110 | 1.975 | 830.6 |
| 115.0 | 4.414 | 2.632 | 4.646 | 2.632 | 3.329 | 4.956 | 3.020 | 4.956 | 110-115 | 1.924 | 832.5 |
| 120.0 | 4.414 | 2.865 | 4.568 | 2.787 | 3.484 | 4.956 | 3.175 | 4.878 | 115-120 | 1.879 | 834.4 |
| 125.0 | 4.414 | 3.020 | 4.568 | 3.020 | 3.639 | 4.878 | 3.407 | 4.878 | 120-125 | 1.818 | 836.2 |
| 130.0 | 4.491 | 3.175 | 4.568 | 3.175 | 3.872 | 4.956 | 3.562 | 4.878 | 125-130 | 1.757 | 837.9 |
| 135.0 | 4.568 | 3.407 | 4.646 | 3.484 | 4.026 | 5.033 | 3.717 | 4.956 | 130-135 | 1.682 | 839.6 |
| 140.0 | 4.646 | 3.562 | 4.723 | 3.872 | 4.181 | 5.033 | 3.872 | 4.956 | 135-140 | 1.589 | 841.2 |
| 145.0 | 4.723 | 3.717 | 4.801 | 3.794 | 4.336 | 5.111 | 4.026 | 5.033 | 140-145 | 1.476 | 842.7 |
| 150.0 | 4.801 | 3.872 | 4.801 | 3.949 | 4.491 | 5.111 | 4.181 | 5.111 | 145-150 | 1.323 | 844.0 |
| 155.0 | 4.878 | 4.026 | 4.878 | 4.026 | 4.646 | 5.111 | 4.259 | 5.111 | 150-155 | 1.159 | 845.2 |
| 160.0 | 4.956 | 4.181 | 4.956 | 4.104 | 4.723 | 5.111 | 4.336 | 5.111 | 155-160 | 0.975 | 846.1 |
| 165.0 | 4.956 | 4.259 | 4.956 | 4.181 | 4.878 | 5.111 | 4.414 | 5.111 | 160-165 | 0.776 | 846.9 |
| 170.0 | 5.033 | 4.336 | 5.033 | 4.259 | 4.956 | 5.111 | 4.414 | 5.111 | 165-170 | 0.565 | 847.5 |
| 175.0 | 5.111 | 4.414 | 5.033 | 4.336 | 4.956 | 5.111 | 4.414 | 5.033 | 170-175 | 0.343 | 847.8 |
| 180.0 | 5.033 | 4.568 | 5.033 | 4.491 | 5.265 | 4.956 | 4.491 | 4.956 | 175-180 | 0.115 | 847.9 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | UNIT:lm | | |

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Test Date:2019年08月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

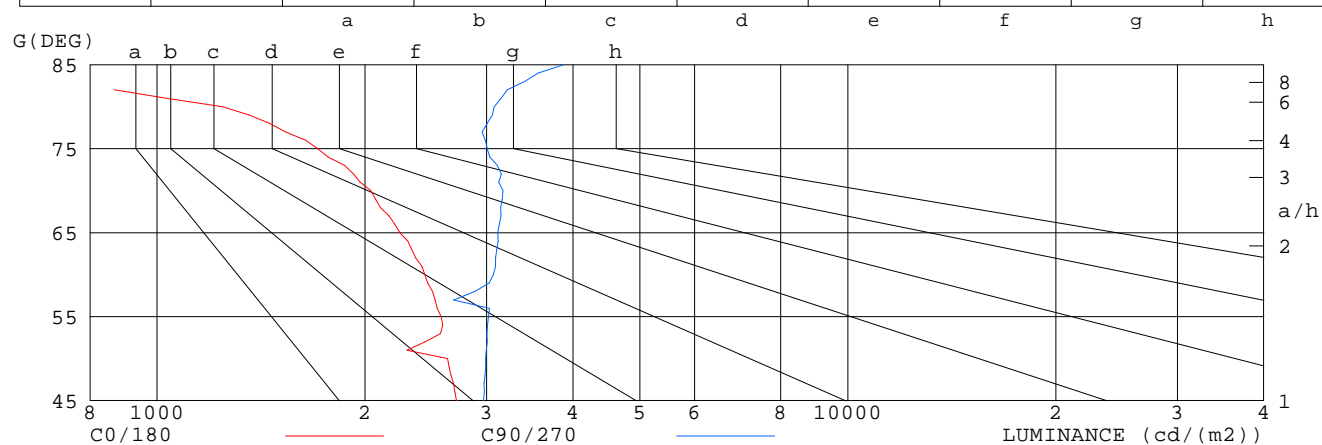
LUMINANCE LIMITATION CURVES

Report number:

| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-120D-08-20-WW-21 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*8MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

LUMINANCE LIMITATION CURVES

| GLARE | CLASS | ILLUMINANCE (lx) | | | | | | | |
|-------|-------|------------------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |



| LUMINANCE cd/m2 | | |
|-----------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 737 | 3874 |
| 80 | 1244 | 3077 |
| 75 | 1708 | 3007 |
| 70 | 2040 | 3168 |
| 65 | 2248 | 3115 |
| 60 | 2442 | 3068 |
| 55 | 2580 | 3020 |
| 50 | 2634 | 2991 |
| 45 | 2715 | 2970 |

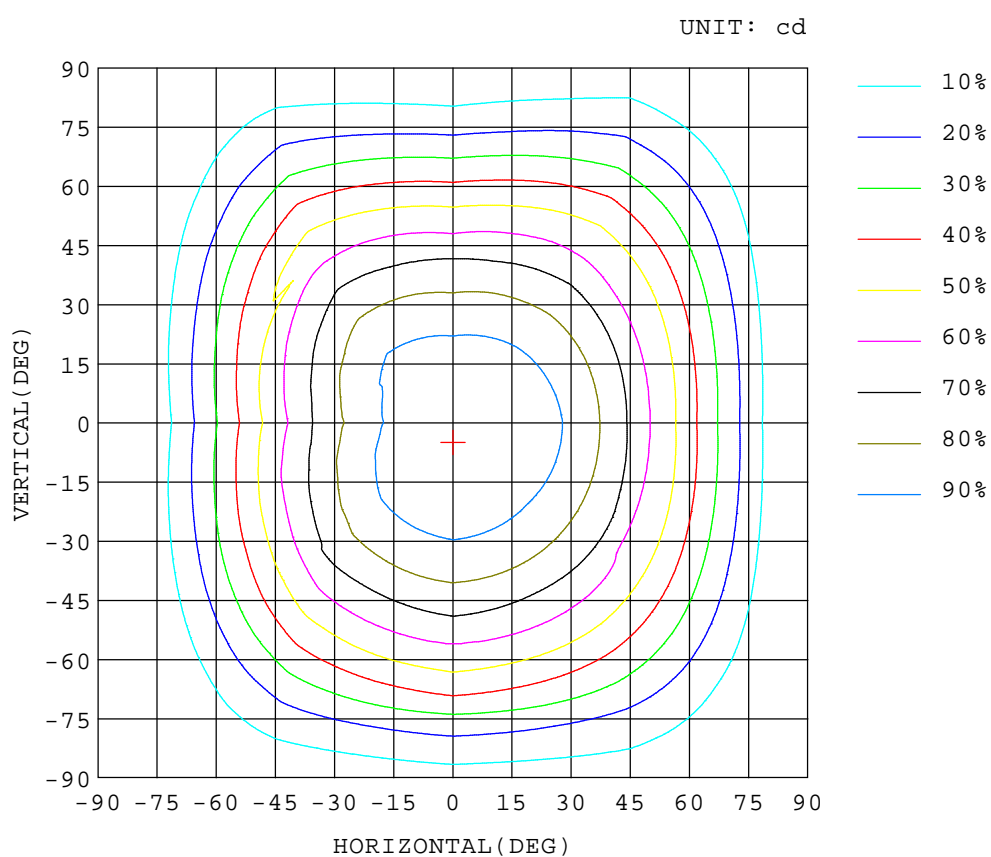
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

| | | | |
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