

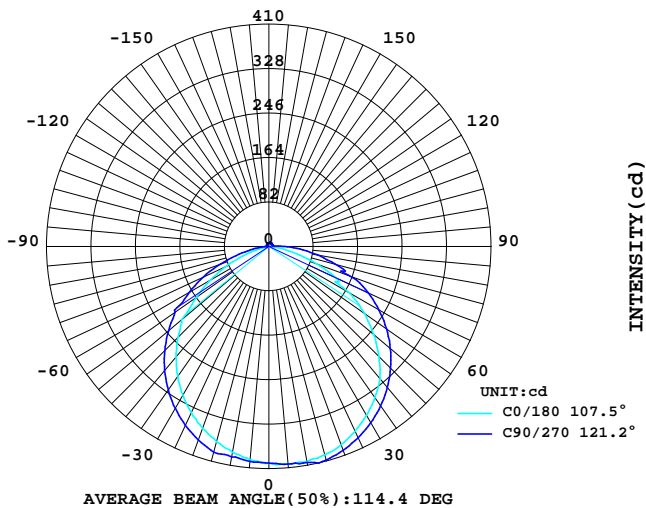
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

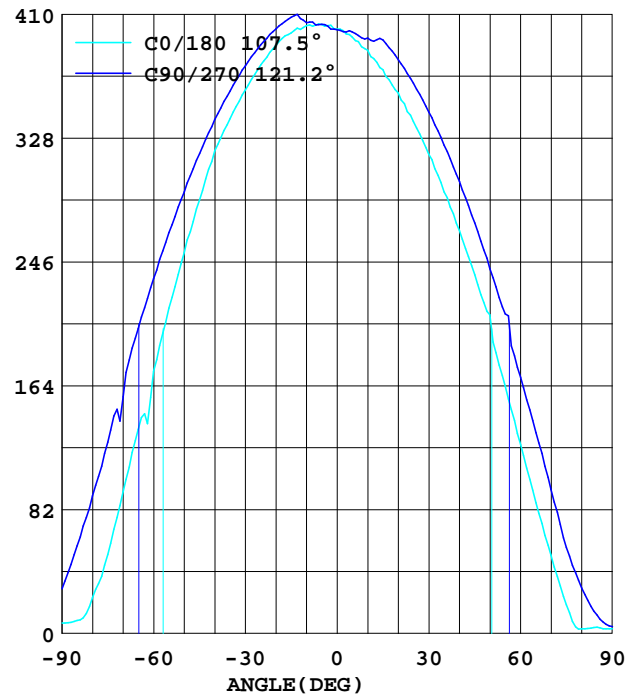
| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-140D-10-20-WW-23 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*10MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

| | | | | | |
|------------------|--------|--------------------|--------|------------------|-------|
| DATA OF LAMP | | Imax(cd) | 410.1 | S/MH(C0/180) | 1.33 |
| MODEL | 2835 | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.39 |
| NOMINAL POWER(W) | 11.53 | TOTAL FLUX(lm) | 1261.1 | Voltage(V) | 24.00 |
| RATED VOLTAGE(V) | 24 | EFFICIENCY(lm/W) | 109.4 | Current(A) | 0.480 |
| NOMINAL FLUX(lm) | 1261.1 | h up(%) | 3.0 | Power(W) | 11.53 |
| LAMPS QUANTITY | 1 | h down(%) | 97.0 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 24.0 | Effective Flux(lm) | 1205.3 | EEL | 0.129 |

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-140D-10-20-WW-23 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*10MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

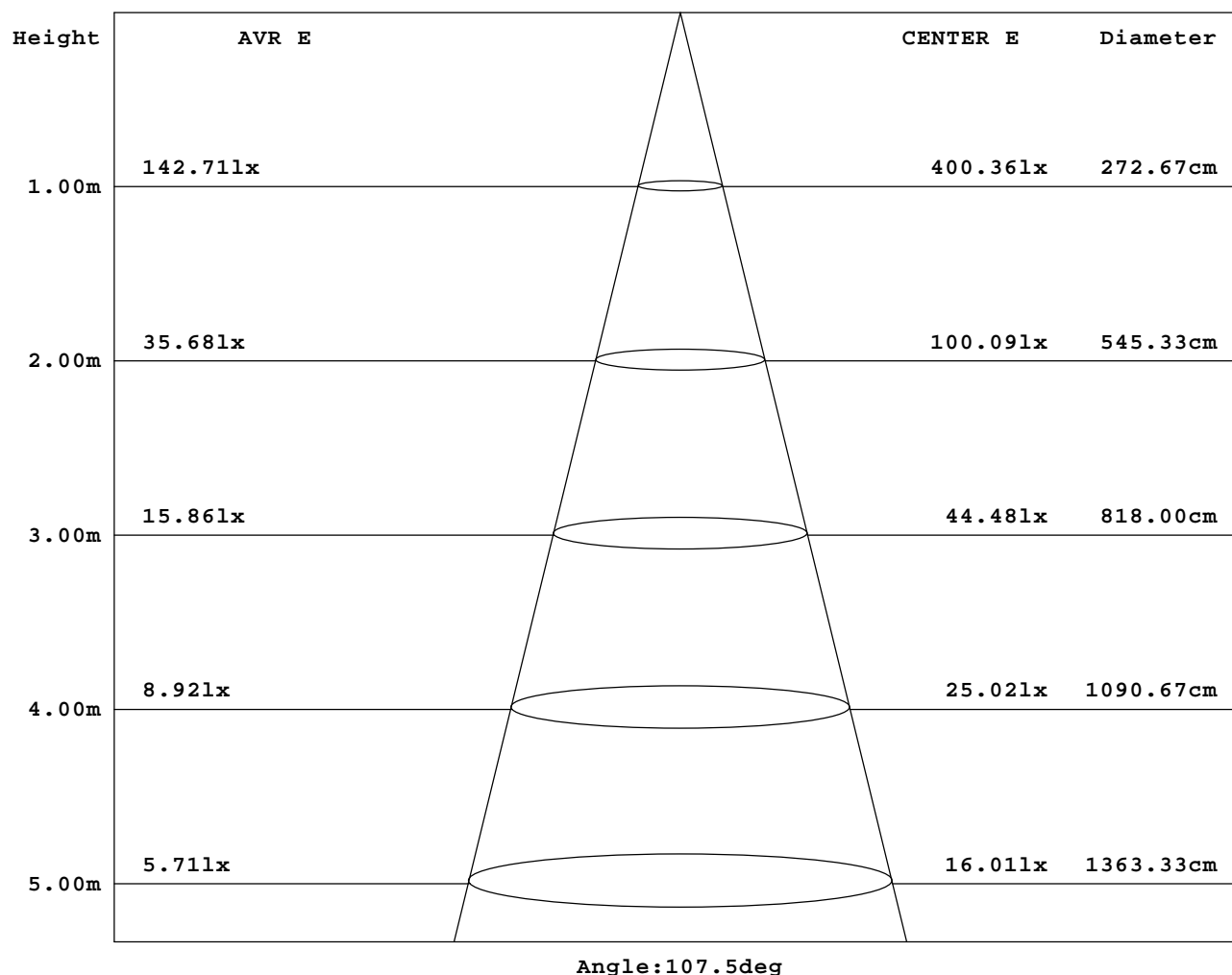
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年08月26日

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-140D-10-20-WW-23 | | TYPE: | WEIGHT: |
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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-140D-10-20-WW-23 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*10MM | CCT(K): 0 | DIMENSION: | SERIAL No.: |

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | 4one | t5tal |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 5.0 | 403.2 | 403.3 | 403.4 | 401.0 | 395.0 | 397.8 | 398.4 | 400.6 | 0- 5 | 9.581 | 9.581 |
| 10.0 | 402.7 | 401.9 | 404.6 | 401.2 | 386.2 | 397.5 | 394.4 | 397.6 | 5- 10 | 28.56 | 38.15 |
| 15.0 | 397.8 | 398.2 | 408.1 | 400.3 | 373.4 | 393.2 | 393.0 | 392.0 | 10- 15 | 47.03 | 85.18 |
| 20.0 | 389.5 | 391.9 | 400.3 | 398.2 | 358.0 | 388.5 | 379.9 | 384.0 | 15- 20 | 64.38 | 149.5 |
| 25.0 | 376.5 | 379.3 | 389.9 | 386.8 | 339.0 | 378.4 | 364.5 | 369.6 | 20- 25 | 79.65 | 229.2 |
| 30.0 | 360.0 | 363.2 | 376.0 | 370.2 | 317.4 | 360.0 | 345.4 | 351.8 | 25- 30 | 92.17 | 321.3 |
| 35.0 | 340.8 | 344.4 | 359.3 | 354.3 | 292.4 | 341.9 | 323.4 | 331.0 | 30- 35 | 101.8 | 423.2 |
| 40.0 | 319.6 | 323.6 | 340.3 | 335.1 | 266.7 | 320.5 | 299.5 | 308.2 | 35- 40 | 108.5 | 531.7 |
| 45.0 | 287.3 | 299.3 | 317.8 | 311.0 | 237.4 | 294.8 | 271.8 | 282.0 | 40- 45 | 111.4 | 643.2 |
| 50.0 | 252.2 | 272.3 | 292.4 | 284.3 | 211.0 | 266.2 | 241.5 | 253.0 | 45- 50 | 110.4 | 753.6 |
| 55.0 | 215.5 | 243.9 | 265.5 | 255.7 | 163.7 | 235.9 | 211.5 | 222.7 | 50- 55 | 105.3 | 859.0 |
| 60.0 | 173.7 | 212.2 | 234.9 | 223.6 | 125.2 | 201.8 | 169.5 | 188.9 | 55- 60 | 96.54 | 955.6 |
| 65.0 | 135.1 | 173.3 | 201.9 | 184.4 | 86.50 | 157.1 | 132.9 | 147.0 | 60- 65 | 83.52 | 1039 |
| 70.0 | 94.08 | 137.5 | 156.7 | 147.9 | 51.88 | 133.3 | 95.32 | 121.4 | 65- 70 | 68.64 | 1108 |
| 75.0 | 52.19 | 99.51 | 126.7 | 109.8 | 18.97 | 94.94 | 56.99 | 84.33 | 70- 75 | 51.58 | 1159 |
| 80.0 | 23.54 | 61.56 | 91.14 | 73.49 | 3.020 | 58.31 | 29.89 | 47.85 | 75- 80 | 34.12 | 1193 |
| 85.0 | 8.518 | 34.30 | 58.08 | 39.49 | 4.104 | 29.27 | 12.15 | 24.08 | 80- 85 | 19.86 | 1213 |
| 90.0 | 6.814 | 12.15 | 29.65 | 14.63 | 3.175 | 12.23 | 4.491 | 10.53 | 85- 90 | 9.964 | 1223 |
| 95.0 | 6.350 | 2.865 | 13.39 | 2.632 | 3.407 | 7.898 | 3.639 | 7.589 | 90- 95 | 4.472 | 1228 |
| 100.0 | 6.117 | 3.175 | 7.201 | 2.865 | 3.717 | 7.201 | 3.717 | 7.201 | 95-100 | 2.914 | 1231 |
| 105.0 | 5.962 | 3.484 | 6.737 | 3.175 | 3.949 | 6.969 | 3.949 | 7.047 | 100-105 | 2.747 | 1233 |
| 110.0 | 5.962 | 3.717 | 6.427 | 3.407 | 4.259 | 6.814 | 4.259 | 6.892 | 105-110 | 2.713 | 1236 |
| 115.0 | 5.962 | 4.026 | 6.350 | 3.717 | 4.491 | 6.814 | 4.491 | 6.892 | 110-115 | 2.672 | 1239 |
| 120.0 | 6.040 | 4.259 | 6.350 | 4.026 | 4.723 | 6.814 | 4.801 | 6.892 | 115-120 | 2.633 | 1241 |
| 125.0 | 6.117 | 4.568 | 6.350 | 4.336 | 5.033 | 6.892 | 5.111 | 6.969 | 120-125 | 2.578 | 1244 |
| 130.0 | 6.195 | 4.878 | 6.504 | 4.723 | 5.265 | 6.969 | 5.343 | 7.047 | 125-130 | 2.507 | 1247 |
| 135.0 | 6.350 | 5.111 | 6.582 | 5.111 | 5.575 | 7.201 | 5.653 | 7.124 | 130-135 | 2.412 | 1249 |
| 140.0 | 6.504 | 5.343 | 6.737 | 5.575 | 5.808 | 7.356 | 5.885 | 7.201 | 135-140 | 2.289 | 1251 |
| 145.0 | 6.582 | 5.653 | 6.892 | 6.117 | 6.040 | 7.511 | 6.117 | 7.279 | 140-145 | 2.142 | 1253 |
| 150.0 | 6.737 | 5.808 | 7.201 | 6.427 | 6.272 | 7.666 | 6.272 | 7.356 | 145-150 | 1.948 | 1255 |
| 155.0 | 6.814 | 6.040 | 7.744 | 6.195 | 6.427 | 7.666 | 6.350 | 7.434 | 150-155 | 1.716 | 1257 |
| 160.0 | 6.969 | 6.117 | 7.356 | 6.117 | 6.659 | 7.589 | 6.504 | 7.434 | 155-160 | 1.436 | 1259 |
| 165.0 | 7.047 | 6.195 | 7.279 | 6.117 | 6.814 | 7.434 | 6.504 | 7.356 | 160-165 | 1.127 | 1260 |
| 170.0 | 7.124 | 6.272 | 7.201 | 6.195 | 6.892 | 7.356 | 6.504 | 7.279 | 165-170 | 0.812 | 1260 |
| 175.0 | 7.201 | 6.350 | 7.201 | 6.272 | 7.047 | 7.279 | 6.427 | 7.201 | 170-175 | 0.491 | 1261 |
| 180.0 | 7.124 | 6.504 | 7.124 | 6.427 | 7.356 | 7.047 | 6.504 | 7.047 | 175-180 | 0.164 | 1261 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | |

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Humidity:65.0%
Test Distance:8.800 m
Remarks:

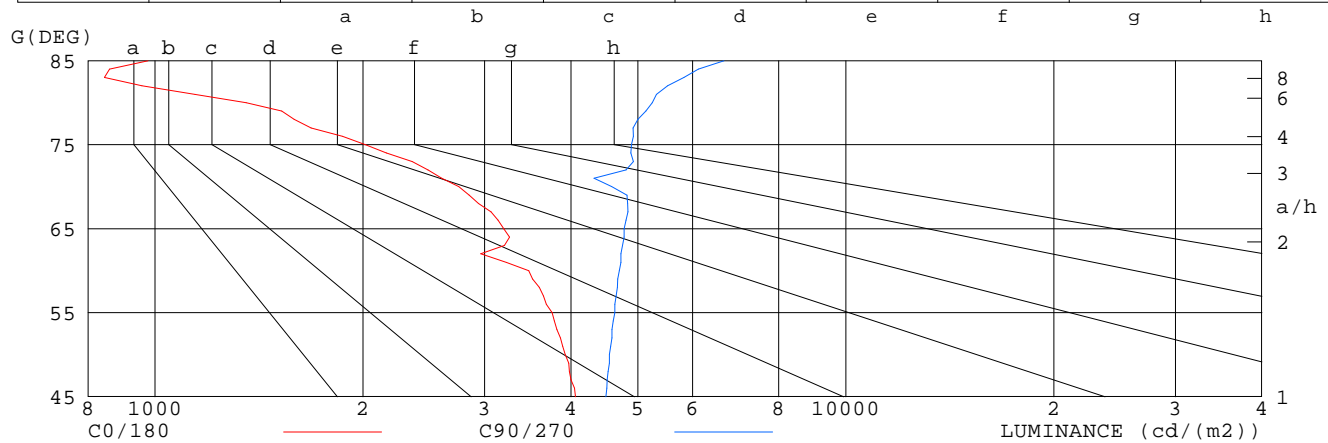
LUMINANCE LIMITATION CURVES

Report number:

| | | | |
|------------------------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: RS-2835-24V-140D-10-20-WW-23 | | TYPE: | WEIGHT: |
| SPECIFICATION: 1000*10MM | 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 | 977 | 6664 |
| 80 | 1356 | 5249 |
| 75 | 2017 | 4898 |
| 70 | 2751 | 4584 |
| 65 | 3198 | 4779 |
| 60 | 3476 | 4699 |
| 55 | 3757 | 4630 |
| 50 | 3925 | 4550 |
| 45 | 4064 | 4496 |

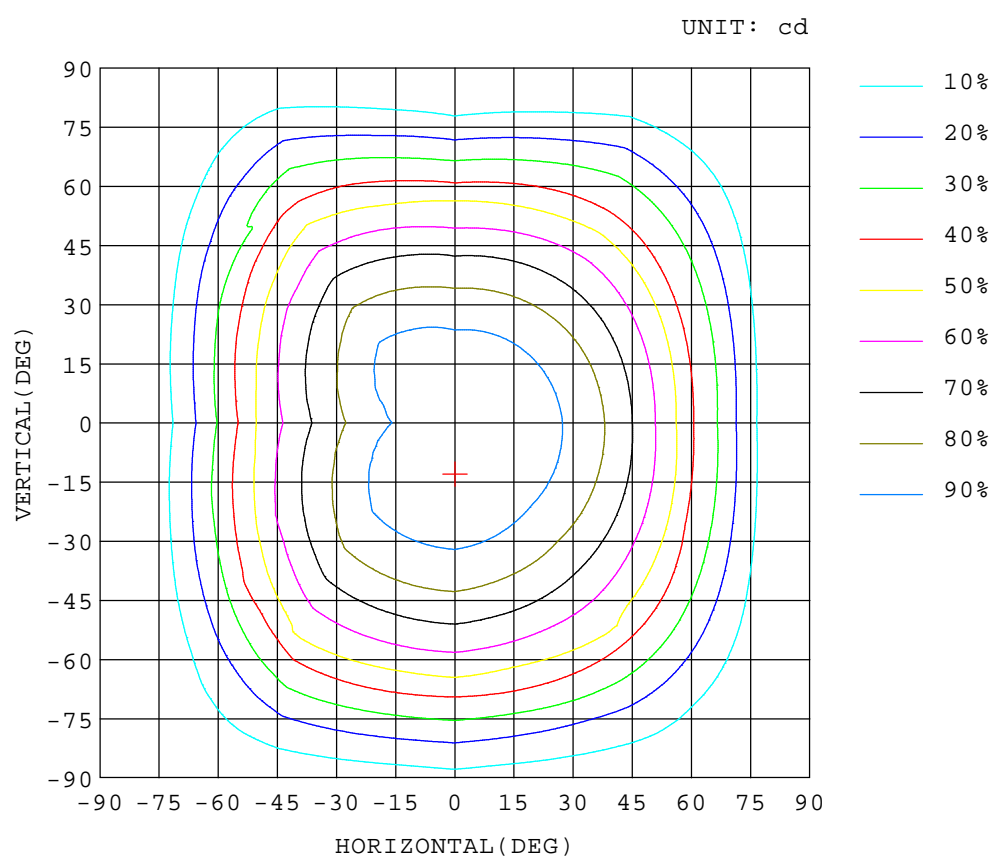
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ISOCANDELA DIAGRAM

Report number:

| | | | |
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