

LEDWISE TECHNOLOGY LIMITED TEST REPORT

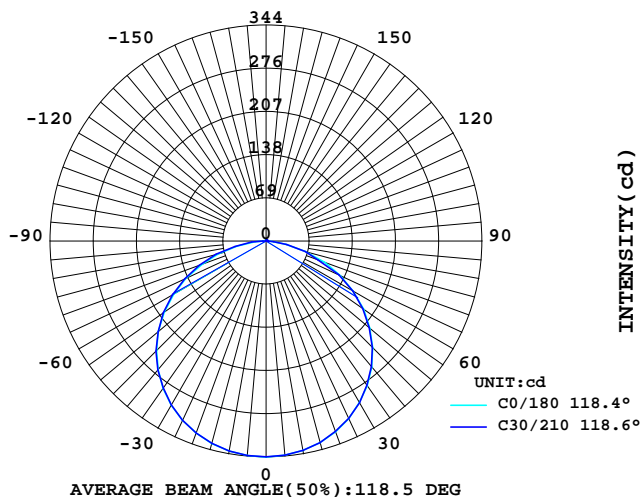
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

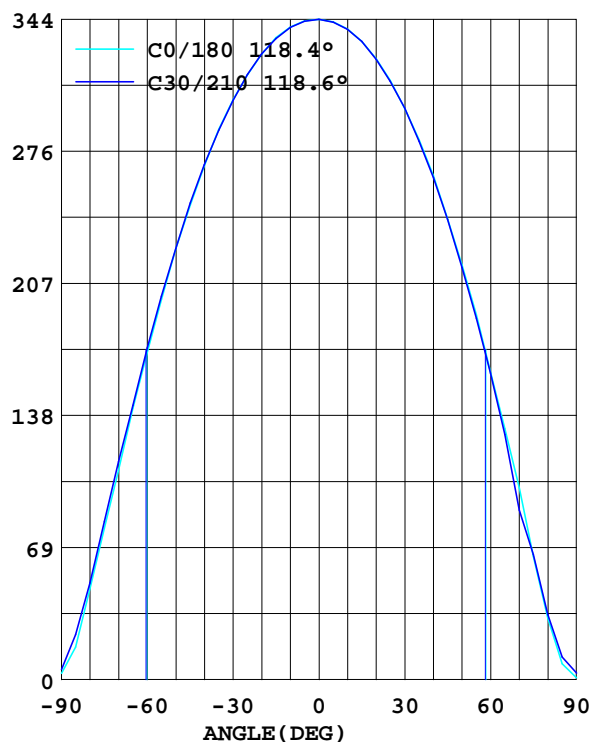
| | | |
|-----------------------------|----------------------|--------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE:软光条 | WEIGHT: |
| SPECIFICATION:5000K | DIMENSION: 10MM*0.6M | SERIAL No.:2 |

| | | | | | |
|------------------|--------|--------------------|--------|------------------|-------|
| DATA OF LAMP | | Imax(cd) | 344.4 | S/MH(C0/180) | 1.31 |
| MODEL | 2835 | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.32 |
| NOMINAL POWER(W) | 12 | TOTAL FLUX(lm) | 1053.8 | Voltage(V) | 24.00 |
| RATED VOLTAGE(V) | 24 | EFFICIENCY(lm/W) | 92.8 | Current(A) | 0.473 |
| NOMINAL FLUX(lm) | 1053.8 | η up(%) | 1.0 | Power(W) | 11.35 |
| LAMPS QUANTITY | 1 | η down(%) | 99.0 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 24.0 | Effective Flux(lm) | 1030.9 | EEI | 0.144 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年12月16日

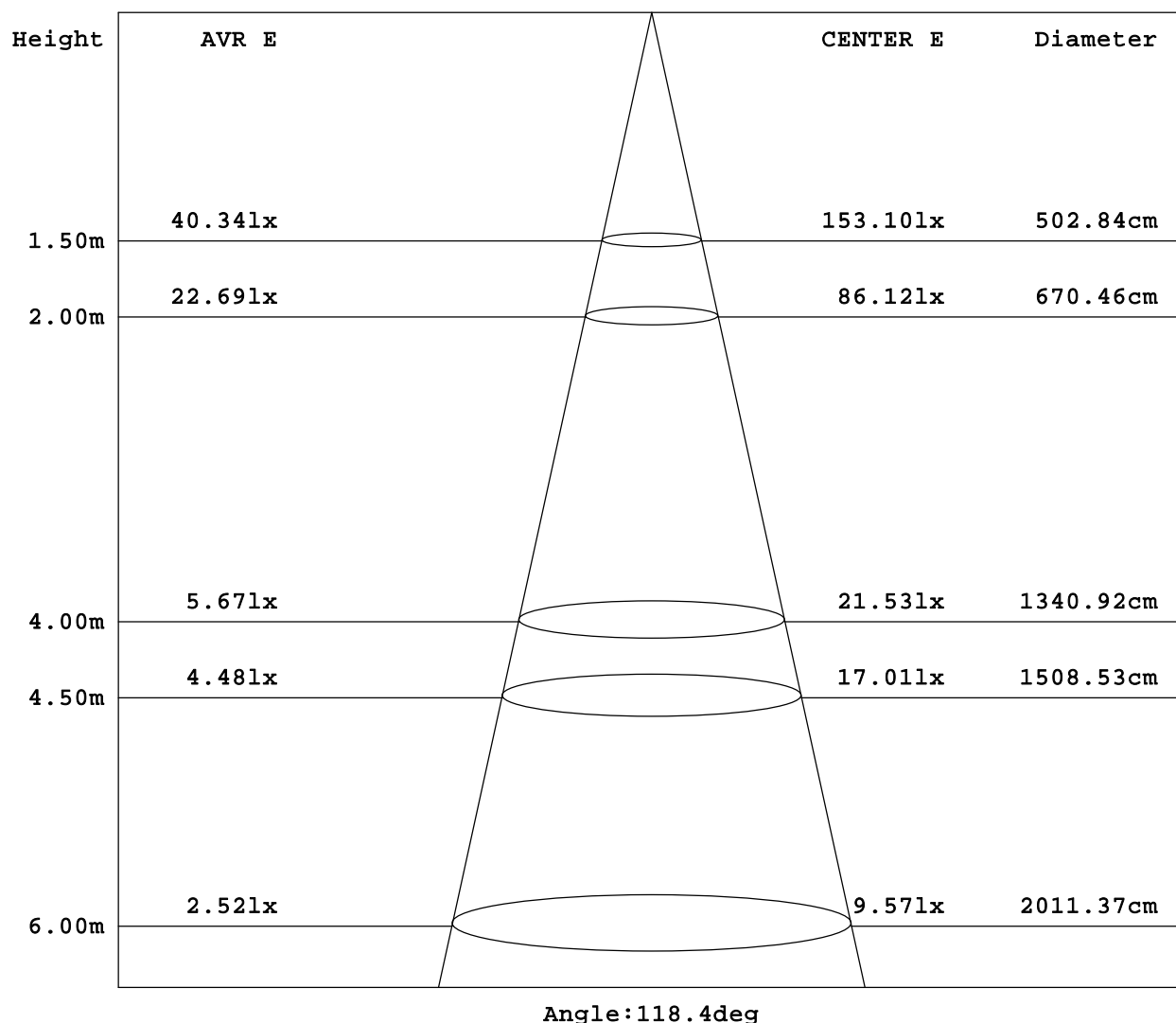
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

| | | |
|-----------------------------|----------------------|---------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 |



Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

| | | |
|-----------------------------|----------------------|--------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE:软光条 | WEIGHT: |
| SPECIFICATION:5000K | DIMENSION: 10MM*0.6M | SERIAL No.:2 |

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | zone | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 10.0 | 340.3 | 340.9 | 341.4 | 341.1 | 339.3 | 338.0 | 337.6 | 337.6 | 0- 10 | 32.63 | 32.63 |
| 20.0 | 326.2 | 327.9 | 328.6 | 328.4 | 323.8 | 321.2 | 320.5 | 320.7 | 10- 20 | 94.16 | 126.7 |
| 30.0 | 302.4 | 305.0 | 305.7 | 305.8 | 298.0 | 294.4 | 293.6 | 293.7 | 20- 30 | 144.5 | 271.3 |
| 40.0 | 267.9 | 272.2 | 273.9 | 273.2 | 262.6 | 257.4 | 255.3 | 256.4 | 30- 40 | 177.4 | 448.7 |
| 50.0 | 224.7 | 230.0 | 231.5 | 231.0 | 216.3 | 209.5 | 206.8 | 208.4 | 40- 50 | 187.8 | 636.6 |
| 60.0 | 170.6 | 178.7 | 181.4 | 179.5 | 160.6 | 153.0 | 150.2 | 151.9 | 50- 60 | 173.1 | 809.7 |
| 70.0 | 109.1 | 119.5 | 127.2 | 120.3 | 100.1 | 86.37 | 87.28 | 86.02 | 60- 70 | 134.4 | 944.2 |
| 80.0 | 47.58 | 57.60 | 60.46 | 58.03 | 32.07 | 28.80 | 25.45 | 27.87 | 70- 80 | 76.74 | 1021 |
| 90.0 | 3.288 | 8.704 | 10.05 | 8.704 | 0.851 | 2.263 | 3.249 | 2.108 | 80- 90 | 22.58 | 1044 |
| 100.0 | 2.708 | 1.799 | 0.929 | 1.818 | 0.929 | 1.624 | 2.476 | 1.682 | 90-100 | 2.911 | 1046 |
| 110.0 | 2.359 | 1.528 | 0.696 | 1.547 | 0.967 | 1.489 | 2.166 | 1.431 | 100-110 | 1.699 | 1048 |
| 120.0 | 2.127 | 1.450 | 0.774 | 1.431 | 1.121 | 1.470 | 2.050 | 1.373 | 110-120 | 1.487 | 1050 |
| 130.0 | 2.050 | 1.354 | 0.812 | 1.315 | 1.083 | 1.334 | 1.857 | 1.315 | 120-130 | 1.258 | 1051 |
| 140.0 | 1.818 | 1.276 | 0.812 | 1.218 | 1.121 | 1.315 | 1.818 | 1.276 | 130-140 | 1.045 | 1052 |
| 150.0 | 1.702 | 1.315 | 0.890 | 1.199 | 1.083 | 1.238 | 1.624 | 1.276 | 140-150 | 0.810 | 1053 |
| 160.0 | 1.624 | 1.257 | 0.929 | 1.257 | 1.238 | 1.315 | 1.586 | 1.238 | 150-160 | 0.595 | 1053 |
| 170.0 | 1.586 | 1.199 | 0.851 | 1.257 | 1.121 | 1.179 | 1.431 | 1.179 | 160-170 | 0.353 | 1054 |
| 180.0 | 1.392 | 1.218 | 0.929 | 1.141 | 1.354 | 1.160 | 1.276 | 1.121 | 170-180 | 0.116 | 1054 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | |

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

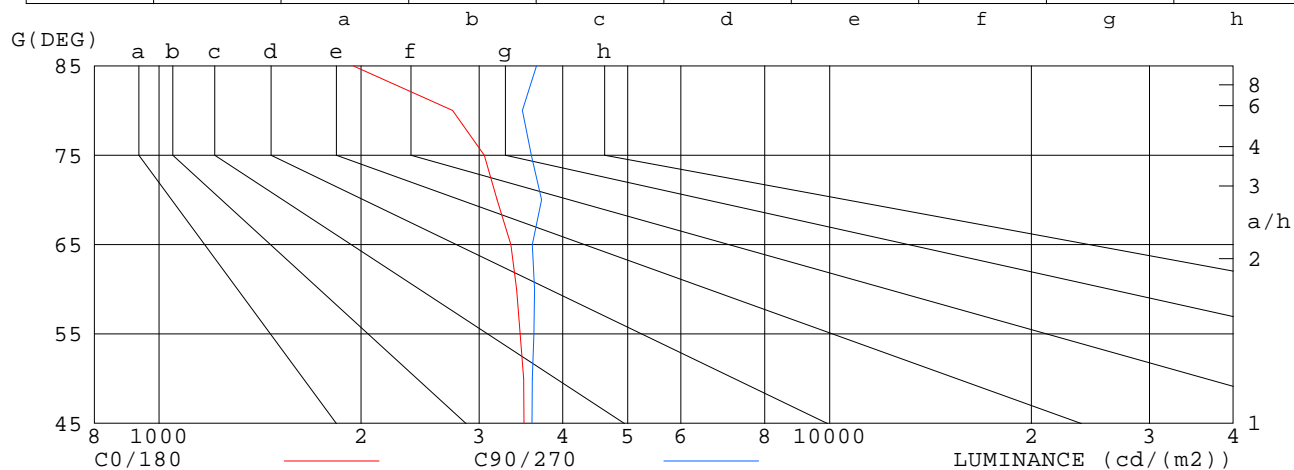
LUMINANCE LIMITATION CURVES

Report number:

| | | |
|-----------------------------|----------------------|--------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE:软光条 | WEIGHT: |
| SPECIFICATION:5000K | DIMENSION: 10MM*0.6M | SERIAL No.:2 |

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 | 1949 | 3653 |
| 80 | 2740 | 3482 |
| 75 | 3054 | 3589 |
| 70 | 3191 | 3720 |
| 65 | 3348 | 3600 |
| 60 | 3414 | 3630 |
| 55 | 3456 | 3620 |
| 50 | 3496 | 3603 |
| 45 | 3499 | 3598 |

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年12月16日

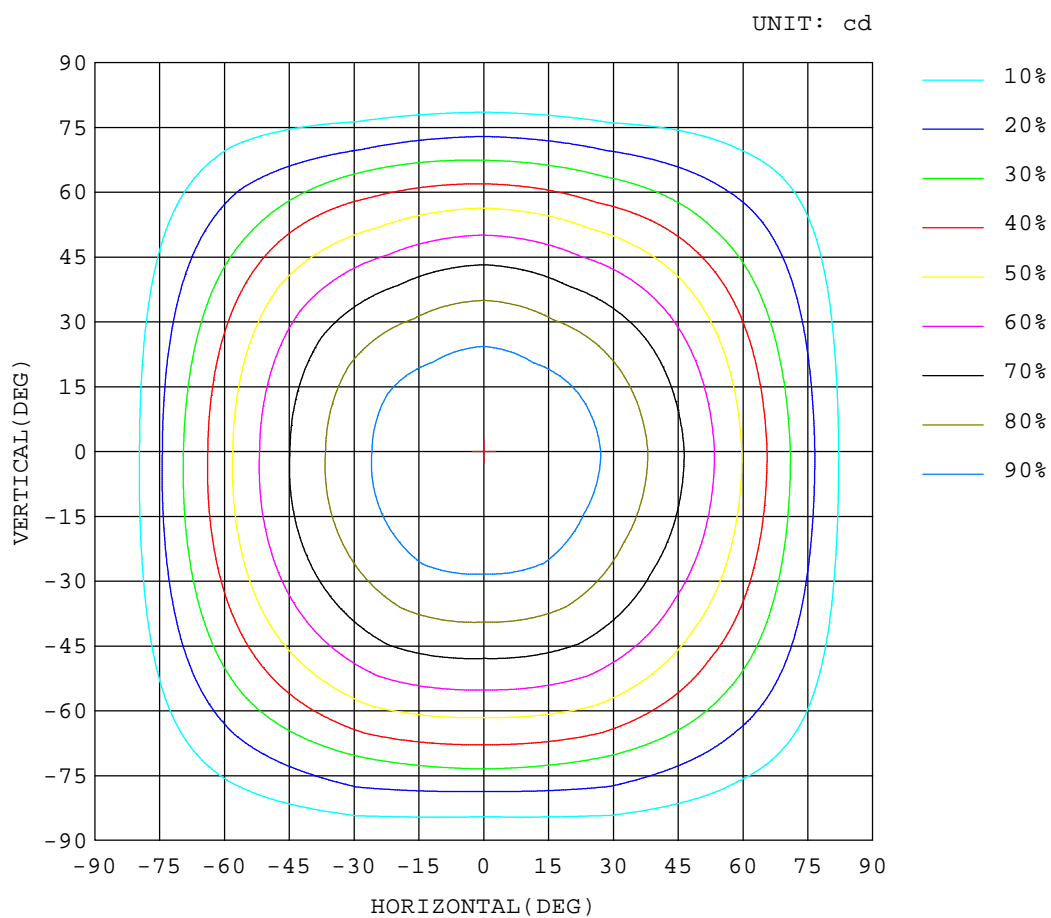
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOCANDELA DIAGRAM

Report number:

| | | |
|-----------------------------|----------------------|---------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 |



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年12月16日

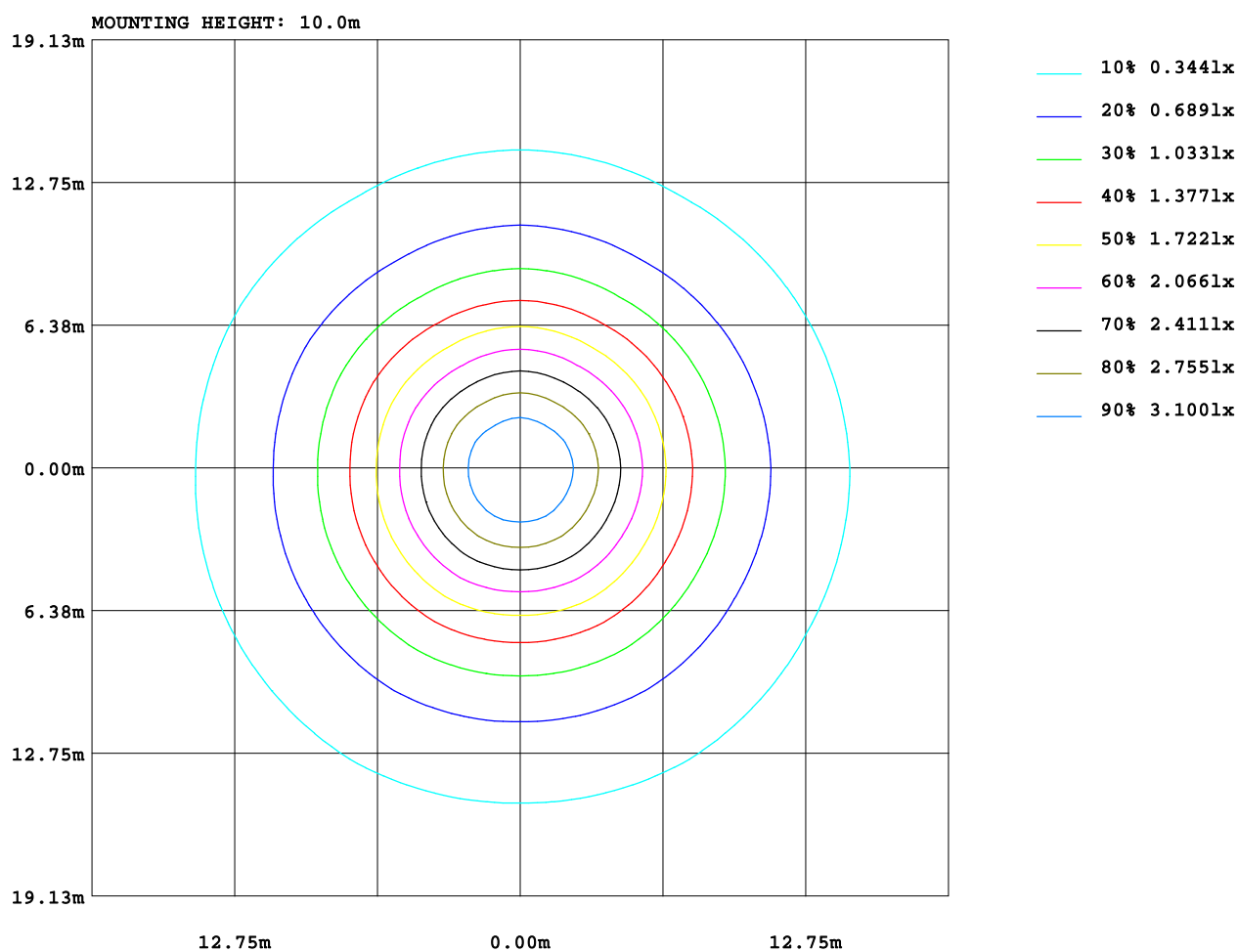
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOLUX DIAGRAM

Report number:

| | | |
|-----------------------------|----------------------|---------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 |



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

AREA LUMINOUS FLUX

Report number:

| | | | |
|-----------------------------|----------------------|---------------|--|
| MANUFACTURER: LEDWISE | Address: | | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: | |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 | |

| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | | | UNIT:lm | | | | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|------|------|---------|------|--|--|-----|-----|
| | 0.01 | 0.03 | 0.08 | 0.13 | 0.16 | 0.18 | 0.21 | 0.27 | 0.31 | 0.31 | 0.26 | 0.20 | 0.16 | 0.15 | 0.12 | 0.09 | 0.05 | 0.01 | 2.74 | 0.00 | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 0.01 | 0.07 | 0.22 | 0.46 | 0.72 | 0.97 | 1.22 | 1.49 | 1.65 | 1.65 | 1.47 | 1.19 | 0.94 | 0.70 | 0.45 | 0.24 | 0.10 | 0.02 | 13.6 | 9.91 | | | | |
| 70 | 0.01 | 0.13 | 0.47 | 1.00 | 1.56 | 2.23 | 2.89 | 3.35 | 3.57 | 3.53 | 3.24 | 2.74 | 2.16 | 1.55 | 0.99 | 0.51 | 0.17 | 0.03 | 30.1 | 29.5 | | | | |
| 60 | 0.02 | 0.22 | 0.76 | 1.51 | 2.53 | 3.53 | 4.30 | 4.97 | 5.37 | 5.36 | 4.95 | 4.24 | 3.42 | 2.47 | 1.52 | 0.81 | 0.28 | 0.03 | 46.3 | 46.0 | | | | |
| 50 | 0.03 | 0.31 | 1.01 | 2.09 | 3.38 | 4.58 | 5.62 | 6.46 | 6.96 | 6.96 | 6.44 | 5.59 | 4.56 | 3.35 | 2.10 | 1.07 | 0.38 | 0.04 | 61.0 | 60.8 | | | | |
| 40 | 0.03 | 0.39 | 1.26 | 2.58 | 4.08 | 5.53 | 6.77 | 7.70 | 8.26 | 8.25 | 7.68 | 6.74 | 5.50 | 4.07 | 2.61 | 1.33 | 0.47 | 0.06 | 73.3 | 73.2 | | | | |
| 30 | 0.04 | 0.46 | 1.47 | 2.93 | 4.61 | 6.27 | 7.66 | 8.65 | 9.25 | 9.24 | 8.63 | 7.63 | 6.25 | 4.63 | 3.00 | 1.55 | 0.55 | 0.06 | 82.9 | 82.8 | | | | |
| | 0.04 | 0.51 | 1.61 | 3.17 | 4.96 | 6.74 | 8.27 | 9.34 | 9.91 | 9.91 | 9.33 | 8.26 | 6.76 | 5.03 | 3.27 | 1.71 | 0.60 | 0.07 | 89.5 | 89.4 | | | | |
| | 0.05 | 0.54 | 1.68 | 3.30 | 5.14 | 6.97 | 8.55 | 9.71 | 10.3 | 10.2 | 9.72 | 8.60 | 7.06 | 5.26 | 3.43 | 1.80 | 0.64 | 0.07 | 93.1 | 93.0 | | | | |
| | 0.05 | 0.54 | 1.70 | 3.32 | 5.17 | 7.01 | 8.59 | 9.75 | 10.3 | 10.3 | 9.77 | 8.64 | 7.10 | 5.29 | 3.45 | 1.82 | 0.64 | 0.08 | 93.7 | 93.6 | | | | |
| | 0.05 | 0.53 | 1.66 | 3.25 | 5.06 | 6.86 | 8.41 | 9.56 | 10.1 | 10.1 | 9.54 | 8.40 | 6.89 | 5.14 | 3.35 | 1.76 | 0.62 | 0.07 | 91.5 | 91.4 | | | | |
| -30 | 0.04 | 0.49 | 1.56 | 3.06 | 4.79 | 6.51 | 8.00 | 9.10 | 9.61 | 9.61 | 9.08 | 7.97 | 6.49 | 4.81 | 3.13 | 1.64 | 0.58 | 0.07 | 86.6 | 86.5 | | | | |
| -40 | 0.04 | 0.43 | 1.40 | 2.77 | 4.36 | 5.94 | 7.34 | 8.33 | 8.78 | 8.78 | 8.31 | 7.31 | 5.92 | 4.34 | 2.81 | 1.46 | 0.51 | 0.06 | 78.9 | 78.8 | | | | |
| -50 | 0.03 | 0.36 | 1.19 | 2.38 | 3.77 | 5.18 | 6.43 | 7.28 | 7.67 | 7.66 | 7.25 | 6.40 | 5.15 | 3.75 | 2.39 | 1.24 | 0.43 | 0.05 | 68.6 | 68.5 | | | | |
| -60 | 0.02 | 0.27 | 0.93 | 1.91 | 3.04 | 4.23 | 5.26 | 5.94 | 6.27 | 6.26 | 5.93 | 5.24 | 4.20 | 3.03 | 1.90 | 0.98 | 0.33 | 0.04 | 55.8 | 55.6 | | | | |
| -70 | 0.02 | 0.18 | 0.64 | 1.35 | 2.19 | 3.08 | 3.89 | 4.40 | 4.64 | 4.63 | 4.38 | 3.87 | 3.06 | 2.17 | 1.34 | 0.68 | 0.23 | 0.03 | 40.8 | 40.4 | | | | |
| -80 | 0.01 | 0.11 | 0.36 | 0.78 | 1.30 | 1.84 | 2.30 | 2.62 | 2.81 | 2.80 | 2.61 | 2.29 | 1.82 | 1.29 | 0.78 | 0.38 | 0.14 | 0.02 | 24.3 | 23.3 | | | | |
| -90 | 0.01 | 0.05 | 0.15 | 0.30 | 0.51 | 0.74 | 0.92 | 1.00 | 1.02 | 1.02 | 1.00 | 0.91 | 0.74 | 0.50 | 0.30 | 0.16 | 0.07 | 0.01 | 9.43 | 4.82 | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL (DEG) | | | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | | |
| Φ t | 0.51 | 5.63 | 18.2 | 36.3 | 57.4 | 78.4 | 96.6 | 110 | 117 | 117 | 110 | 96.2 | 78.2 | 57.6 | 37.0 | 19.2 | 6.77 | 0.84 | 1054 | | | | | |
| Φ a | 0.00 | 4.55 | 17.3 | 35.5 | 56.5 | 77.6 | 95.8 | 109 | 116 | 116 | 109 | 95.4 | 77.4 | 56.7 | 36.1 | 18.4 | 5.89 | 0.21 | | 1031 | | | | |

Test System: HOPPO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

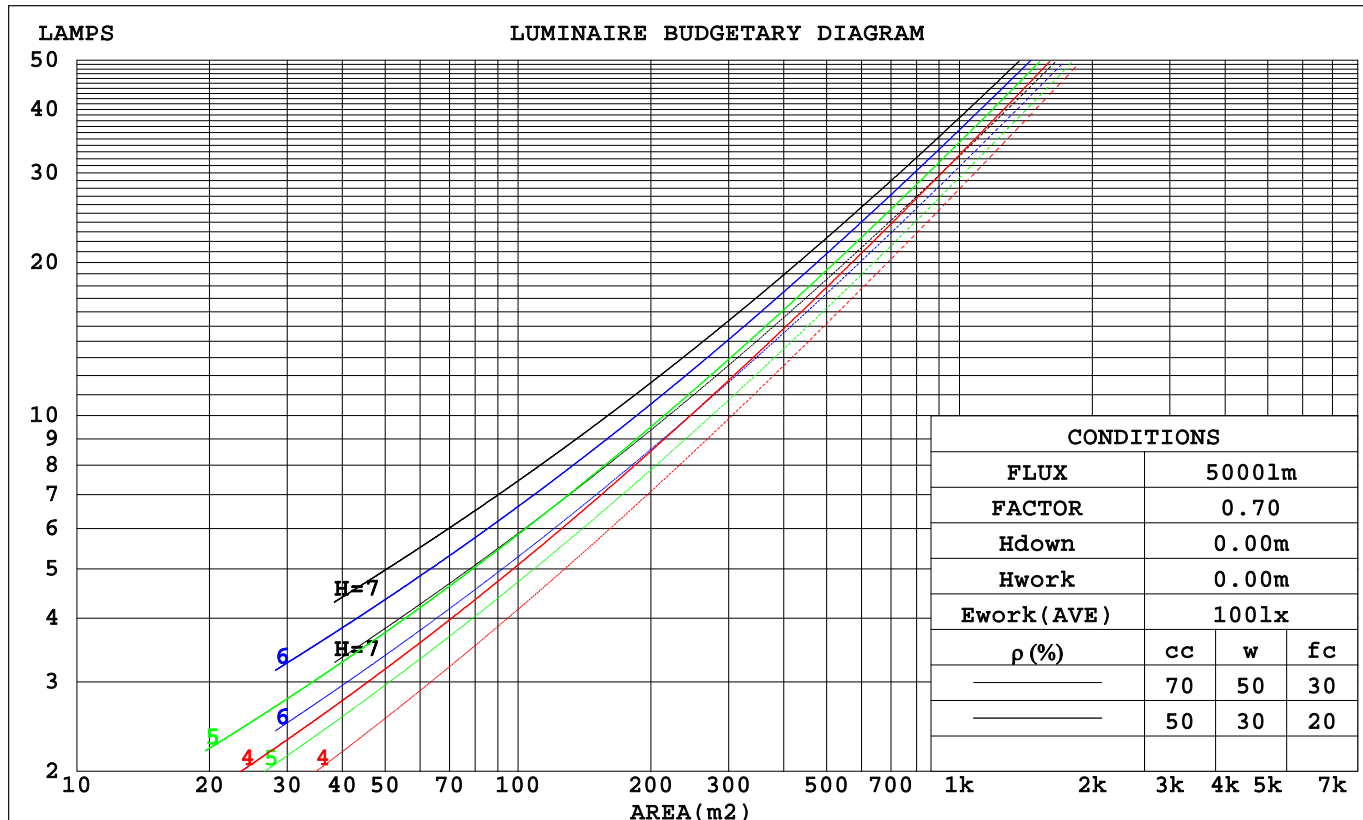
LEDWISE TECHNOLOGY LIMITED TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

| | | | |
|-----------------------------|----------------------|---------------|--|
| MANUFACTURER: LEDWISE | Address: | | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: | |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| p _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| p _{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

WEC AND CCEC

Report number:

| | | | |
|-----------------------------|----------------------|--------------|--|
| MANUFACTURER: LEDWISE | Address: | | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE:软光条 | WEIGHT: | |
| SPECIFICATION:5000K | DIMENSION: 10MM*0.6M | SERIAL No.:2 | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .316 | .180 | .057 | .309 | .176 | .056 | .295 | .169 | .054 | .282 | .163 | .052 | .271 | .157 | .051 | | |
| 2.0 | .297 | .163 | .050 | .290 | .160 | .049 | .278 | .155 | .048 | .267 | .150 | .047 | .256 | .145 | .046 | | |
| 3.0 | .274 | .146 | .044 | .268 | .144 | .043 | .257 | .139 | .042 | .247 | .135 | .042 | .238 | .132 | .041 | | |
| 4.0 | .252 | .131 | .039 | .247 | .129 | .038 | .238 | .126 | .038 | .229 | .123 | .037 | .220 | .120 | .036 | | |
| 5.0 | .233 | .119 | .034 | .228 | .117 | .034 | .220 | .114 | .034 | .212 | .112 | .033 | .204 | .109 | .033 | | |
| 6.0 | .216 | .108 | .031 | .212 | .107 | .031 | .204 | .105 | .030 | .197 | .102 | .030 | .190 | .100 | .030 | | |
| 7.0 | .201 | .099 | .028 | .197 | .098 | .028 | .190 | .096 | .028 | .184 | .094 | .027 | .178 | .092 | .027 | | |
| 8.0 | .187 | .092 | .026 | .184 | .091 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 | | |
| 9.0 | .175 | .085 | .024 | .172 | .084 | .024 | .167 | .083 | .023 | .162 | .081 | .023 | .157 | .080 | .023 | | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .152 | .076 | .022 | .148 | .074 | .021 | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | |
| 0.0 | .198 | .198 | .198 | .169 | .169 | .169 | .115 | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 | | |
| 1.0 | .188 | .164 | .141 | .161 | .140 | .122 | .110 | .097 | .084 | .063 | .056 | .049 | .020 | .018 | .016 | | |
| 2.0 | .180 | .139 | .105 | .155 | .120 | .091 | .106 | .083 | .063 | .061 | .048 | .037 | .020 | .016 | .012 | | |
| 3.0 | .173 | .122 | .081 | .148 | .105 | .070 | .102 | .073 | .049 | .059 | .043 | .029 | .019 | .014 | .010 | | |
| 4.0 | .165 | .109 | .065 | .142 | .094 | .057 | .098 | .065 | .040 | .056 | .038 | .024 | .018 | .012 | .008 | | |
| 5.0 | .158 | .098 | .054 | .136 | .085 | .047 | .093 | .059 | .033 | .054 | .035 | .020 | .017 | .011 | .007 | | |
| 6.0 | .151 | .090 | .046 | .130 | .078 | .040 | .089 | .055 | .029 | .052 | .032 | .017 | .017 | .010 | .006 | | |
| 7.0 | .144 | .083 | .041 | .124 | .072 | .035 | .085 | .051 | .025 | .050 | .030 | .015 | .016 | .010 | .005 | | |
| 8.0 | .137 | .077 | .036 | .118 | .067 | .032 | .082 | .047 | .022 | .048 | .028 | .013 | .015 | .009 | .004 | | |
| 9.0 | .131 | .072 | .033 | .113 | .063 | .029 | .078 | .044 | .020 | .046 | .026 | .012 | .015 | .009 | .004 | | |
| 10.0 | .125 | .068 | .030 | .108 | .059 | .026 | .075 | .042 | .019 | .044 | .025 | .011 | .014 | .008 | .004 | | |

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

Uncorrected UGR Table

Report number:

| | | | | | | | | | | | |
|----------------------------------------------------|---------------|------------------|------|------|------|----------------------|----------------|------|--------------|------|------|
| MANUFACTURER: LEDWISE | | | | | | Address: | | | | | |
| NAME: LTR-P-24V-5.8W-50K-16 | | | | | | TYPE:软光条 | | | WEIGHT: | | |
| SPECIFICATION:5000K | | | | | | DIMENSION: 10MM*0.6M | | | SERIAL No.:2 | | |
| 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 | 17.4 | 18.9 | 17.7 | 19.1 | 19.3 | 17.7 | 19.2 | 18.0 | 19.5 | 19.7 | |
| | 3H | 19.0 | 20.4 | 19.3 | 20.7 | 20.9 | 19.5 | 21.0 | 19.9 | 21.2 | 21.5 |
| | 4H | 19.7 | 21.0 | 20.0 | 21.3 | 21.6 | 20.3 | 21.6 | 20.6 | 21.9 | 22.2 |
| | 6H | 20.1 | 21.4 | 20.5 | 21.7 | 22.0 | 20.9 | 22.1 | 21.2 | 22.4 | 22.7 |
| | 8H | 20.2 | 21.4 | 20.5 | 21.7 | 22.0 | 21.1 | 22.3 | 21.4 | 22.6 | 22.9 |
| | 12H | 20.2 | 21.4 | 20.6 | 21.7 | 22.0 | 21.2 | 22.4 | 21.6 | 22.7 | 23.0 |
| 4H | 2H | 18.1 | 19.4 | 18.4 | 19.7 | 20.0 | 18.4 | 19.7 | 18.7 | 20.0 | 20.3 |
| | 3H | 19.9 | 21.1 | 20.3 | 21.4 | 21.7 | 20.4 | 21.5 | 20.7 | 21.8 | 22.2 |
| | 4H | 20.7 | 21.8 | 21.1 | 22.1 | 22.5 | 21.2 | 22.3 | 21.6 | 22.7 | 23.0 |
| | 6H | 21.2 | 22.2 | 21.7 | 22.6 | 23.0 | 22.0 | 23.0 | 22.4 | 23.3 | 23.7 |
| | 8H | 21.3 | 22.2 | 21.8 | 22.6 | 23.0 | 22.3 | 23.2 | 22.7 | 23.5 | 23.9 |
| | 12H | 21.4 | 22.2 | 21.8 | 22.6 | 23.1 | 22.5 | 23.3 | 22.9 | 23.7 | 24.1 |
| 8H | 4H | 21.0 | 21.9 | 21.5 | 22.3 | 22.7 | 21.5 | 22.4 | 22.0 | 22.8 | 23.2 |
| | 6H | 21.7 | 22.5 | 22.2 | 22.9 | 23.3 | 22.5 | 23.2 | 22.9 | 23.7 | 24.1 |
| | 8H | 21.9 | 22.6 | 22.4 | 23.0 | 23.5 | 22.9 | 23.5 | 23.3 | 24.0 | 24.4 |
| | 12H | 22.0 | 22.6 | 22.5 | 23.1 | 23.6 | 23.2 | 23.8 | 23.7 | 24.2 | 24.7 |
| 12H | 4H | 21.1 | 21.9 | 21.5 | 22.3 | 22.7 | 21.6 | 22.4 | 22.0 | 22.8 | 23.2 |
| | 6H | 21.8 | 22.5 | 22.3 | 22.9 | 23.4 | 22.5 | 23.2 | 23.0 | 23.6 | 24.1 |
| | 8H | 22.0 | 22.6 | 22.5 | 23.1 | 23.6 | 23.0 | 23.5 | 23.5 | 24.0 | 24.5 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.1 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.2 | | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |

CIE Pub.117 Corrected 1054 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

| | | | |
|-----------------------------|----------------------|---------------|--|
| MANUFACTURER: LEDWISE | Address: | | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: | |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 | |

| REFLECTANCE | | | | | | | | | | |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 56 | 45 | 37 | 56 | 44 | 37 | 54 | 44 | 37 | 31 |
| 0.80 | 66 | 54 | 47 | 65 | 54 | 47 | 63 | 53 | 46 | 39 |
| 1.00 | 75 | 63 | 56 | 74 | 63 | 56 | 71 | 64 | 55 | 48 |
| 1.25 | 82 | 71 | 64 | 80 | 70 | 63 | 78 | 69 | 63 | 55 |
| 1.50 | 87 | 77 | 70 | 85 | 76 | 69 | 82 | 74 | 68 | 60 |
| 2.00 | 94 | 85 | 79 | 92 | 84 | 78 | 88 | 82 | 76 | 68 |
| 2.50 | 98 | 90 | 84 | 96 | 89 | 83 | 92 | 86 | 81 | 72 |
| 3.00 | 101 | 94 | 89 | 99 | 93 | 88 | 95 | 90 | 85 | 77 |
| 4.00 | 106 | 100 | 95 | 103 | 98 | 93 | 99 | 94 | 91 | 81 |
| 5.00 | 108 | 103 | 99 | 106 | 101 | 97 | 101 | 97 | 94 | 85 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年12月16日

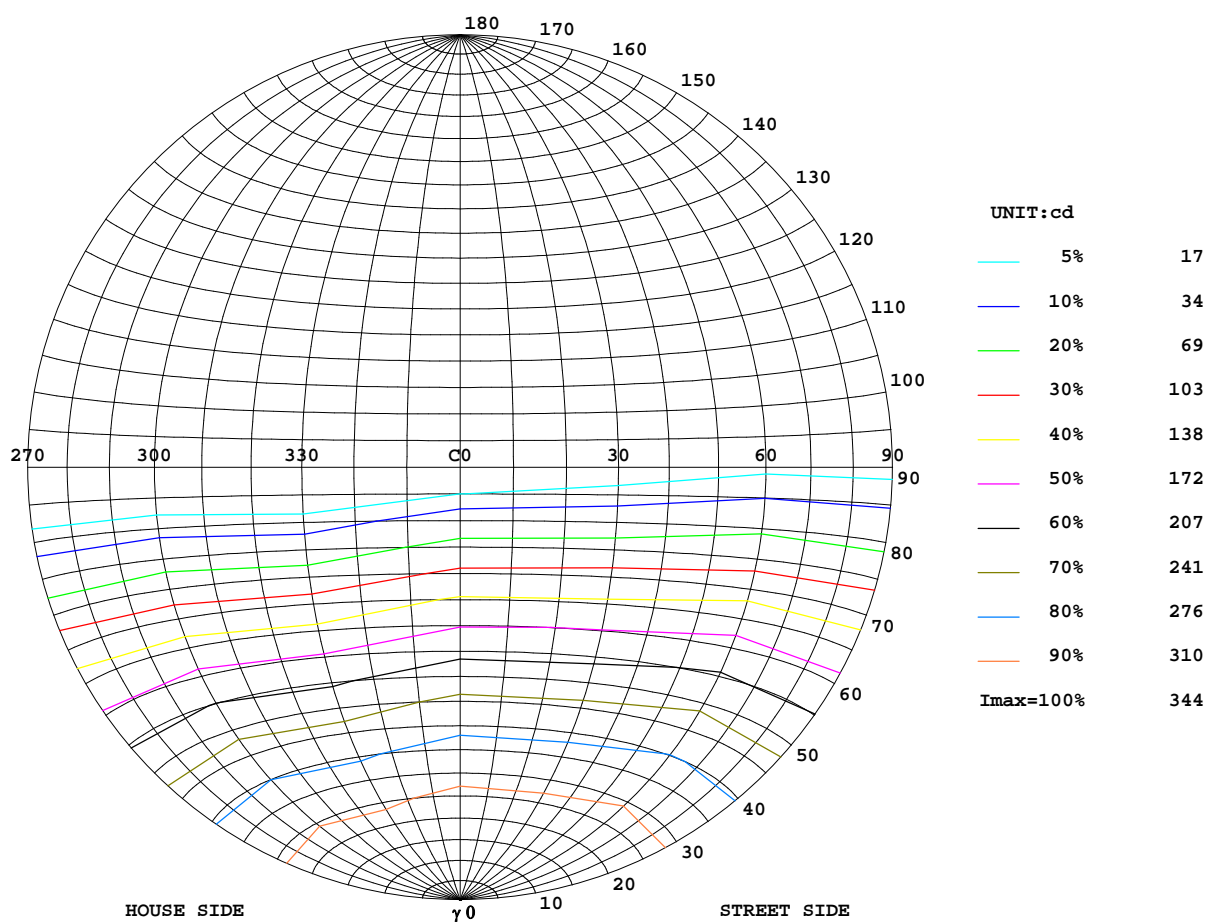
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOCANDELA DIAGRAM

Report number:

| | | |
|-----------------------------|----------------------|---------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 |



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.220 m
Remarks:

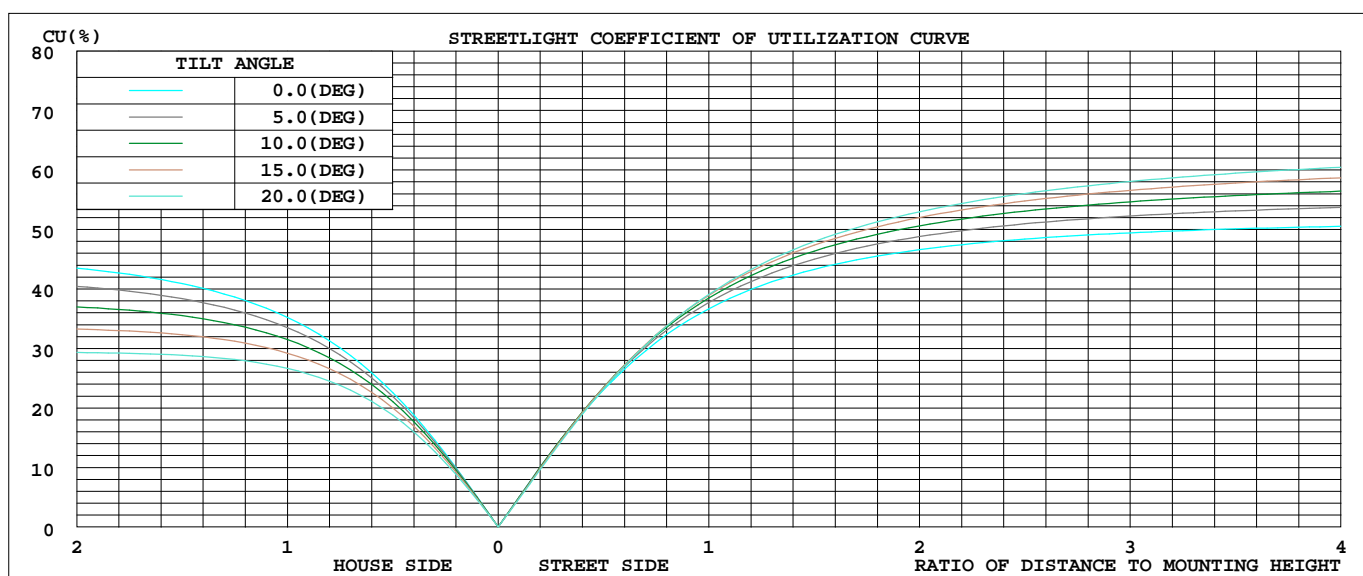
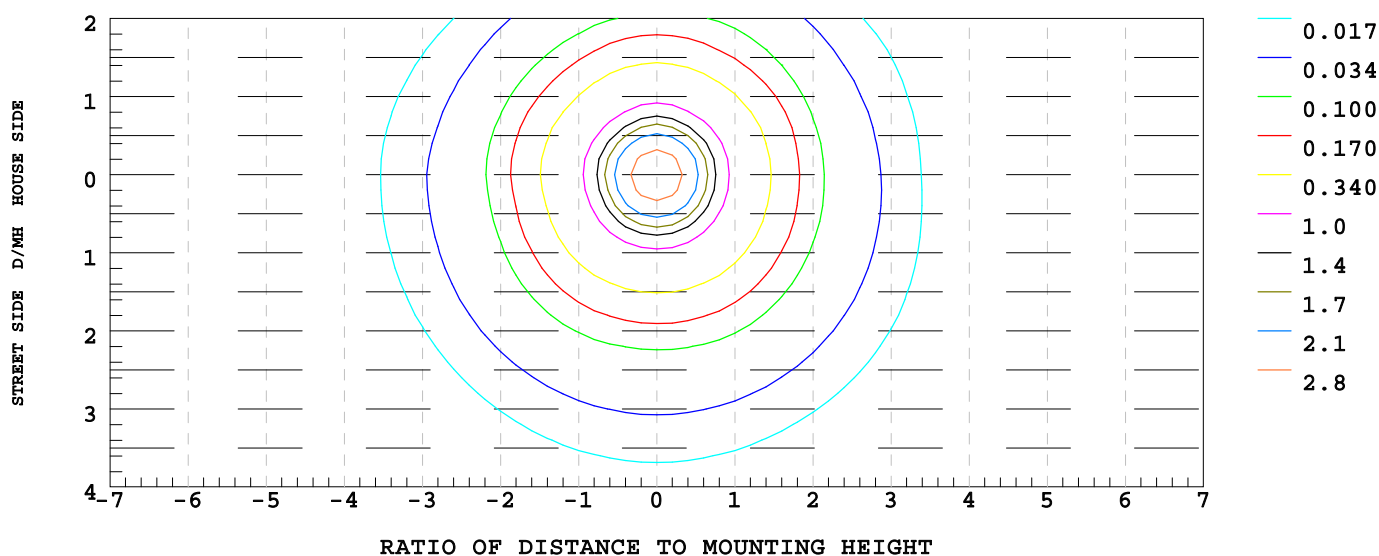
LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOLUX DIAGRAM

Report number:

| | | |
|-----------------------------|----------------------|---------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 |

ILLUMINANCE AT MH=10 m, Enadir = 3.44 lx



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年12月16日

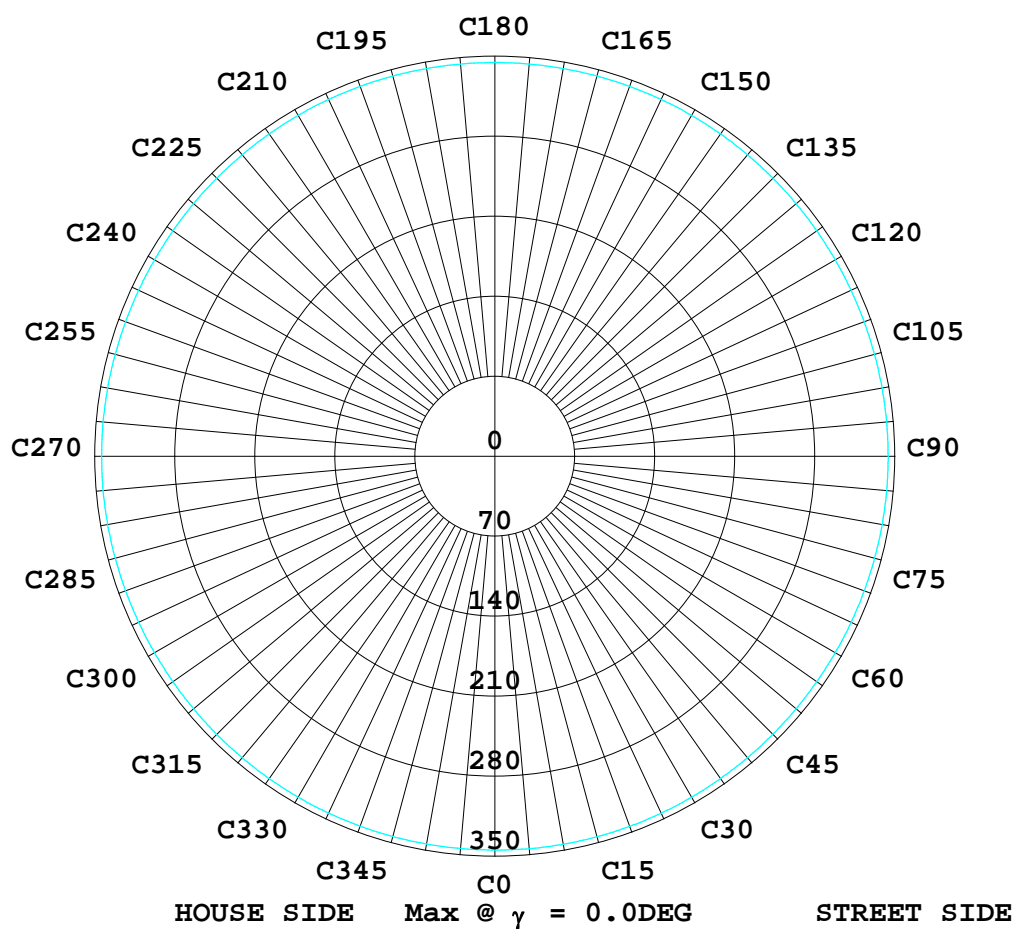
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOCANDELA DIAGRAM

Report number:

| | | |
|-----------------------------|----------------------|---------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE: 软光条 | WEIGHT: |
| SPECIFICATION: 5000K | DIMENSION: 10MM*0.6M | SERIAL No.: 2 |



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

| | | |
|-----------------------------|----------------------|--------------|
| MANUFACTURER: LEDWISE | Address: | |
| NAME: LTR-P-24V-5.8W-50K-16 | TYPE:软光条 | WEIGHT: |
| SPECIFICATION:5000K | DIMENSION: 10MM*0.6M | SERIAL No.:2 |

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 | 344 |
| 5.0 | 344 | 343 | 344 | 344 | 344 | 344 | 343 | 343 | 342 | 342 | 342 | 343 |
| 10.0 | 340 | 340 | 342 | 341 | 342 | 341 | 339 | 339 | 337 | 338 | 337 | 339 |
| 15.0 | 335 | 334 | 337 | 336 | 337 | 335 | 333 | 333 | 329 | 331 | 329 | 332 |
| 20.0 | 326 | 326 | 330 | 329 | 330 | 327 | 324 | 324 | 319 | 321 | 319 | 323 |
| 25.0 | 316 | 316 | 320 | 319 | 320 | 317 | 313 | 312 | 307 | 308 | 306 | 311 |
| 30.0 | 302 | 302 | 308 | 306 | 309 | 303 | 298 | 298 | 291 | 294 | 290 | 297 |
| 35.0 | 287 | 286 | 294 | 291 | 294 | 288 | 282 | 281 | 273 | 275 | 272 | 280 |
| 40.0 | 268 | 269 | 276 | 274 | 277 | 270 | 263 | 262 | 253 | 255 | 252 | 261 |
| 45.0 | 247 | 248 | 257 | 254 | 258 | 249 | 240 | 240 | 229 | 233 | 228 | 239 |
| 50.0 | 225 | 225 | 235 | 232 | 236 | 226 | 216 | 215 | 204 | 207 | 203 | 214 |
| 55.0 | 198 | 200 | 210 | 208 | 211 | 201 | 190 | 188 | 177 | 180 | 176 | 187 |
| 60.0 | 171 | 173 | 184 | 181 | 185 | 174 | 161 | 160 | 146 | 150 | 145 | 159 |
| 65.0 | 141 | 143 | 157 | 152 | 157 | 144 | 131 | 128 | 127 | 118 | 115 | 127 |
| 70.0 | 109 | 114 | 126 | 127 | 126 | 114 | 100 | 88.4 | 84.2 | 87.2 | 83.0 | 88.9 |
| 75.0 | 79.0 | 82.5 | 88.7 | 92.8 | 89.3 | 82.9 | 64.2 | 65.2 | 51.3 | 55.2 | 50.1 | 64.3 |
| 80.0 | 47.5 | 50.4 | 64.7 | 60.4 | 65.3 | 50.6 | 32.0 | 33.9 | 23.6 | 25.4 | 22.6 | 33.1 |
| 85.0 | 16.9 | 23.4 | 34.1 | 31.8 | 34.5 | 23.4 | 8.24 | 11.7 | 5.18 | 6.96 | 4.48 | 11.1 |
| 90.0 | 3.28 | 5.18 | 12.2 | 10.0 | 12.2 | 5.14 | 0.85 | 3.40 | 1.12 | 3.24 | 0.89 | 3.32 |
| 95.0 | 2.86 | 0.93 | 3.32 | 1.04 | 3.44 | 0.93 | 0.93 | 2.78 | 0.74 | 2.70 | 0.74 | 2.59 |
| 100.0 | 2.70 | 0.66 | 2.94 | 0.93 | 2.97 | 0.66 | 0.93 | 2.55 | 0.70 | 2.47 | 0.77 | 2.59 |
| 105.0 | 2.47 | 0.66 | 2.55 | 0.74 | 2.55 | 0.62 | 0.89 | 2.43 | 0.70 | 2.28 | 0.70 | 2.39 |
| 110.0 | 2.35 | 0.74 | 2.32 | 0.70 | 2.32 | 0.77 | 0.97 | 2.32 | 0.66 | 2.16 | 0.70 | 2.16 |
| 115.0 | 2.28 | 0.81 | 2.24 | 0.74 | 2.20 | 0.77 | 1.00 | 2.20 | 0.81 | 2.08 | 0.81 | 2.12 |
| 120.0 | 2.12 | 0.77 | 2.12 | 0.77 | 2.16 | 0.70 | 1.12 | 2.16 | 0.77 | 2.05 | 0.77 | 1.97 |
| 125.0 | 2.05 | 0.81 | 1.93 | 0.74 | 1.97 | 0.81 | 1.04 | 1.93 | 0.77 | 1.93 | 0.77 | 1.89 |
| 130.0 | 2.05 | 0.74 | 1.97 | 0.81 | 1.89 | 0.74 | 1.08 | 1.89 | 0.77 | 1.85 | 0.74 | 1.89 |
| 135.0 | 1.93 | 0.85 | 1.81 | 0.81 | 1.85 | 0.81 | 1.04 | 1.85 | 0.85 | 1.77 | 0.81 | 1.85 |
| 140.0 | 1.81 | 0.77 | 1.77 | 0.81 | 1.70 | 0.74 | 1.12 | 1.81 | 0.81 | 1.81 | 0.85 | 1.70 |
| 145.0 | 1.77 | 0.81 | 1.70 | 0.77 | 1.70 | 0.77 | 1.12 | 1.70 | 0.85 | 1.70 | 0.77 | 1.70 |
| 150.0 | 1.70 | 0.89 | 1.74 | 0.89 | 1.62 | 0.77 | 1.08 | 1.62 | 0.85 | 1.62 | 0.89 | 1.66 |
| 155.0 | 1.70 | 0.89 | 1.58 | 0.93 | 1.62 | 0.93 | 1.19 | 1.58 | 0.89 | 1.62 | 0.85 | 1.58 |
| 160.0 | 1.62 | 0.89 | 1.62 | 0.93 | 1.62 | 0.89 | 1.23 | 1.70 | 0.93 | 1.58 | 0.89 | 1.58 |
| 165.0 | 1.54 | 0.85 | 1.54 | 0.85 | 1.54 | 0.77 | 1.19 | 1.58 | 0.89 | 1.50 | 0.89 | 1.54 |
| 170.0 | 1.58 | 0.89 | 1.50 | 0.85 | 1.58 | 0.93 | 1.12 | 1.50 | 0.85 | 1.43 | 0.89 | 1.47 |
| 175.0 | 1.50 | 0.97 | 1.54 | 0.85 | 1.50 | 0.97 | 1.16 | 1.47 | 0.89 | 1.39 | 0.97 | 1.43 |
| 180.0 | 1.39 | 1.08 | 1.35 | 0.93 | 1.35 | 0.93 | 1.35 | 1.35 | 0.97 | 1.27 | 0.93 | 1.31 |

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年12月16日

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.220 m
Remarks: