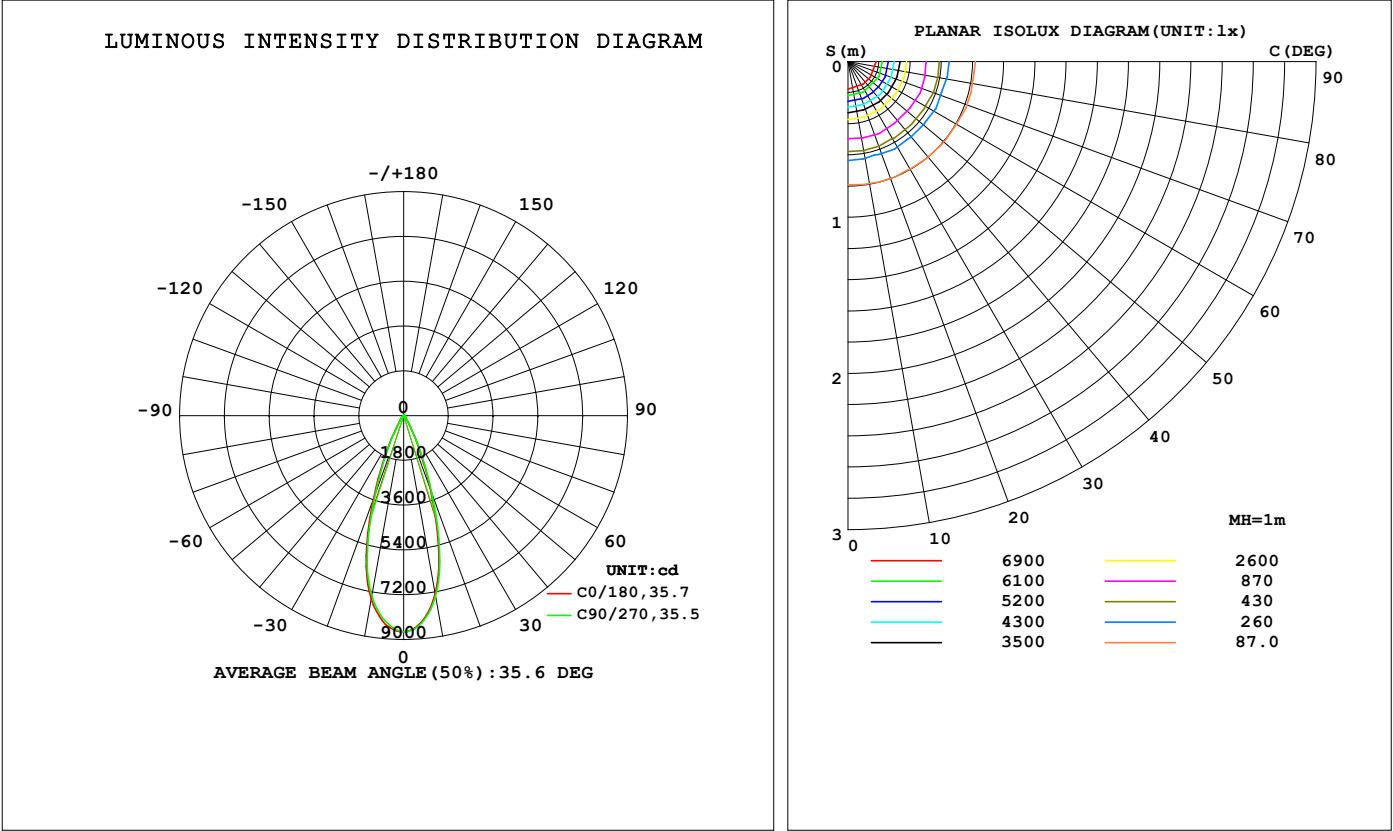


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 116.52 lm/W |
|------------------|---------|------------------|--------|-------------------|----------|------------------|
| MODEL | | Imax (cd) | 8693 | S/MH(C0/180) | 0.57 | |
| NOMINAL POWER(W) | 30 | LOR(%) | 100.0 | S/MH(C90/270) | 0.56 | |
| RATED VOLTAGE(V) | 240 | TOTAL FLUX(lm) | 3403.7 | η UP,DN(C0-180) | 0.0,49.8 | |
| NOMINAL FLUX(lm) | 3403.71 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,50.2 | |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 | |
| TEST VOLTAGE(V) | 240.27 | η down (%) | 100.0 | CIBSE SHR MAX | 0.60 | |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 7293 | 7344 | 7387 | 7468 | 7485 | 7426 | 7359 | 7300 | 0- 10 | 766.7 | 766.7 | 22.5,22.5 |
| 20 | 3166 | 3229 | 3317 | 3509 | 3568 | 3483 | 3329 | 3193 | 10- 20 | 1506 | 2272 | 66.8,66.8 |
| 30 | 601.1 | 619.6 | 661.8 | 706.9 | 719.4 | 658.9 | 625.6 | 586.0 | 20- 30 | 768.7 | 3041 | 89.3,89.3 |
| 40 | 149.7 | 159.5 | 172.4 | 182.5 | 173.1 | 151.7 | 145.1 | 143.5 | 30- 40 | 196.3 | 3237 | 95.1,95.1 |
| 50 | 75.45 | 80.52 | 84.61 | 89.58 | 87.01 | 75.07 | 68.49 | 71.31 | 40- 50 | 86.01 | 3323 | 97.6,97.6 |
| 60 | 37.08 | 38.13 | 37.46 | 42.02 | 41.29 | 39.76 | 35.44 | 36.65 | 50- 60 | 50.87 | 3374 | 99.1,99.1 |
| 70 | 11.21 | 11.69 | 12.27 | 14.23 | 14.08 | 13.37 | 12.32 | 11.68 | 60- 70 | 24.13 | 3398 | 99.8,99.8 |
| 80 | 1.647 | 1.570 | 1.680 | 2.189 | 1.901 | 1.864 | 1.859 | 1.742 | 70- 80 | 4.592 | 3403 | 100,100 |
| 90 | 0.1024 | 0.0709 | 0.1174 | 0.1943 | 0.0717 | 0.0725 | 0.0914 | 0.0716 | 80- 90 | 0.7996 | 3404 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 3285.8 lm

%lum = 96.5%

%lamp = 96.5%

Conical surface Flux(120deg): 3374.2 lm

%lum = 99.1%

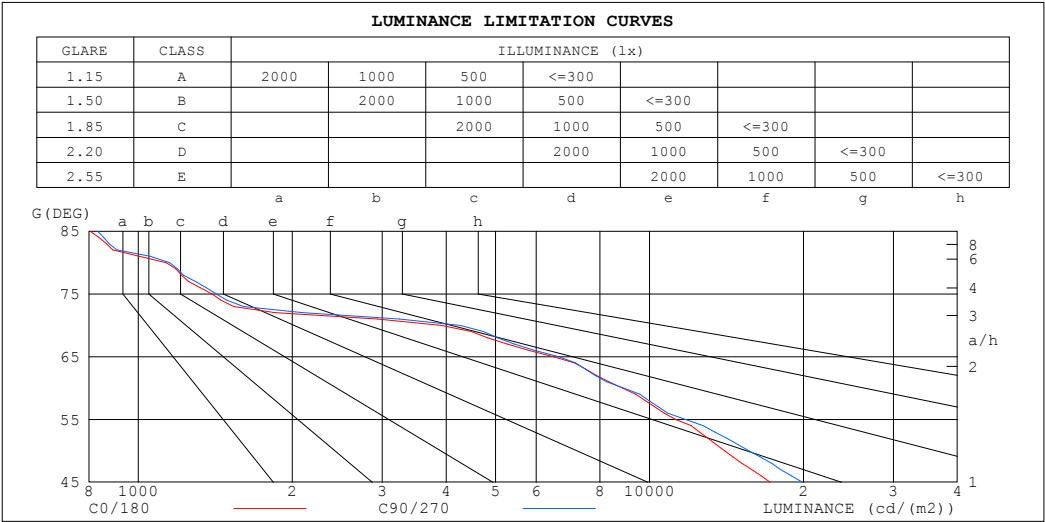
%lamp = 99.1%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 806 | 832 |
| 80 | 1133 | 1151 |
| 75 | 1394 | 1421 |
| 70 | 3916 | 4264 |
| 65 | 6501 | 6648 |
| 60 | 8863 | 8907 |
| 55 | 11256 | 11766 |
| 50 | 14027 | 15651 |
| 45 | 17232 | 19933 |

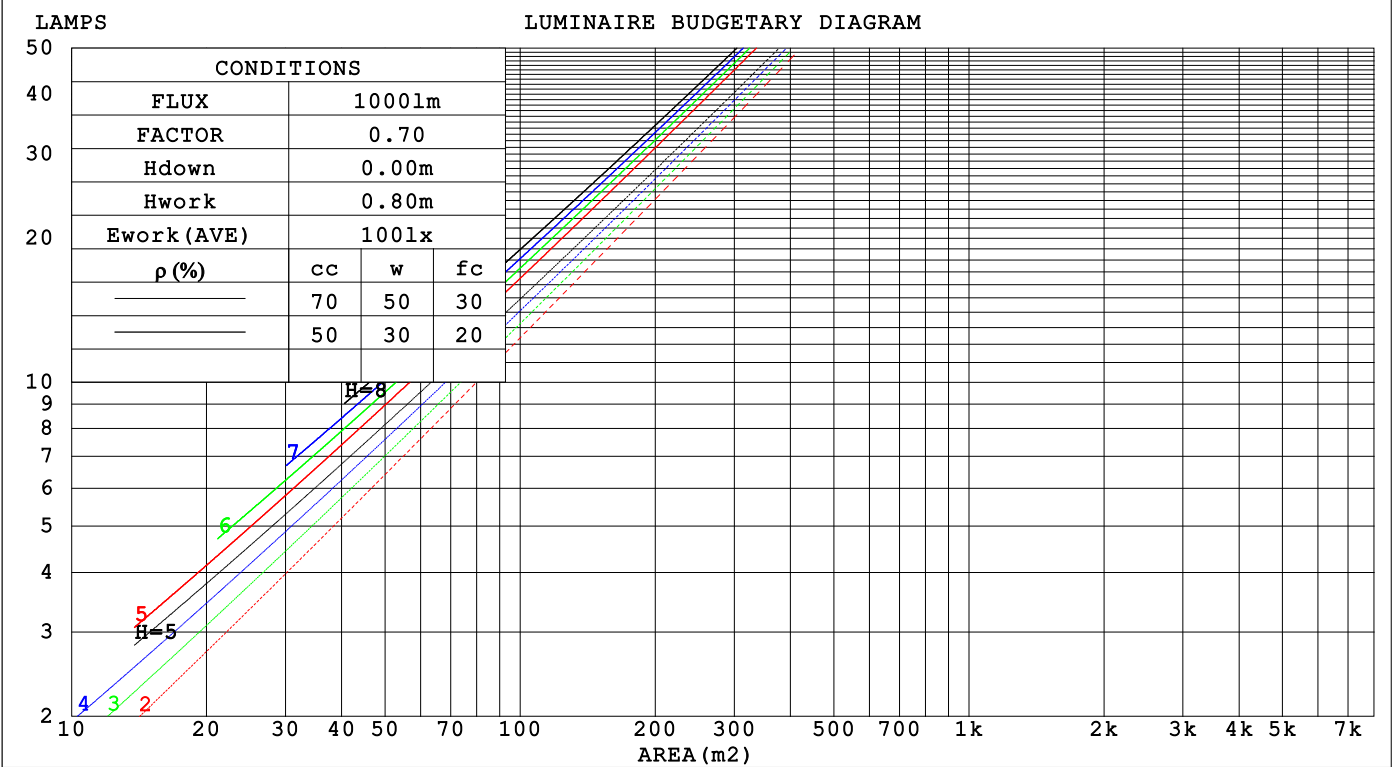
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 | | |
| Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



WEC AND CCEC

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | | | | | | | | | | | | | | |
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | | | | | | | | | | | | | | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | | | | | | | | | | | | | | |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 | .154 | .088 | .028 | .148 | .084 | .027 | .135 | .078 | .025 | .124 | .071 | .023 | .113 | .066 | .021 | | | | | | | | | | | | | | | |
| 2.0 | .145 | .080 | .024 | .140 | .077 | .024 | .129 | .072 | .022 | .120 | .067 | .021 | .111 | .063 | .020 | | | | | | | | | | | | | | | |
| 3.0 | .137 | .073 | .022 | .132 | .071 | .021 | .123 | .067 | .020 | .115 | .063 | .019 | .108 | .060 | .018 | | | | | | | | | | | | | | | |
| 4.0 | .129 | .067 | .020 | .125 | .065 | .019 | .117 | .062 | .019 | .110 | .059 | .018 | .104 | .057 | .017 | | | | | | | | | | | | | | | |
| 5.0 | .122 | .062 | .018 | .118 | .061 | .018 | .112 | .058 | .017 | .106 | .056 | .017 | .101 | .054 | .016 | | | | | | | | | | | | | | | |
| 6.0 | .116 | .058 | .017 | .113 | .057 | .016 | .107 | .055 | .016 | .102 | .053 | .016 | .097 | .051 | .015 | | | | | | | | | | | | | | | |
| 7.0 | .110 | .054 | .015 | .108 | .054 | .015 | .103 | .052 | .015 | .098 | .050 | .015 | .094 | .049 | .014 | | | | | | | | | | | | | | | |
| 8.0 | .105 | .051 | .014 | .103 | .051 | .014 | .099 | .049 | .014 | .095 | .048 | .014 | .091 | .047 | .014 | | | | | | | | | | | | | | | |
| 9.0 | .101 | .049 | .014 | .099 | .048 | .013 | .095 | .047 | .013 | .091 | .046 | .013 | .088 | .045 | .013 | | | | | | | | | | | | | | | |
| 10.0 | .096 | .046 | .013 | .095 | .046 | .013 | .091 | .045 | .013 | .088 | .044 | .012 | .085 | .043 | .012 | | | | | | | | | | | | | | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .170 | .158 | .147 | .145 | .135 | .126 | .099 | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .153 | .133 | .116 | .131 | .114 | .100 | .090 | .079 | .070 | .052 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .139 | .113 | .093 | .119 | .098 | .081 | .082 | .068 | .057 | .047 | .040 | .033 | .015 | .013 | .011 | |
| 4.0 | .127 | .098 | .076 | .109 | .085 | .066 | .075 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .117 | .086 | .063 | .101 | .075 | .055 | .069 | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .109 | .077 | .053 | .094 | .066 | .046 | .065 | .046 | .033 | .038 | .027 | .019 | .012 | .009 | .006 | |
| 7.0 | .102 | .069 | .045 | .088 | .059 | .039 | .061 | .042 | .028 | .035 | .025 | .017 | .011 | .008 | .006 | |
| 8.0 | .096 | .062 | .039 | .082 | .054 | .034 | .057 | .038 | .024 | .033 | .022 | .014 | .011 | .007 | .005 | |
| 9.0 | .090 | .057 | .034 | .078 | .049 | .030 | .054 | .035 | .021 | .031 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .086 | .052 | .030 | .074 | .045 | .026 | .051 | .032 | .018 | .030 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|------------------------|----------------|------|------------------|------|------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | | | | | | | | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 | | | | | Lamp Flux:3403.7lx1 lm | | | | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: Norming lighting | | | | | SUR.: 104mm | | | 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 | 14.7 | 15.5 | 14.9 | 15.6 | 15.8 | 15.0 | 15.8 | 15.2 | 16.0 | 16.1 |
| 3H | 14.8 | 15.5 | 15.1 | 15.7 | 15.9 | 15.2 | 15.9 | 15.4 | 16.1 | 16.3 |
| 4H | 14.8 | 15.4 | 15.0 | 15.7 | 15.9 | 15.1 | 15.8 | 15.4 | 16.0 | 16.2 |
| 6H | 14.7 | 15.3 | 15.0 | 15.6 | 15.8 | 15.0 | 15.7 | 15.3 | 15.9 | 16.1 |
| 8H | 14.7 | 15.3 | 14.9 | 15.5 | 15.8 | 15.0 | 15.6 | 15.3 | 15.8 | 16.1 |
| 12H | 14.6 | 15.2 | 14.9 | 15.5 | 15.7 | 14.9 | 15.5 | 15.3 | 15.8 | 16.1 |
| 4H 2H | 14.8 | 15.5 | 15.0 | 15.7 | 15.9 | 15.1 | 15.8 | 15.4 | 16.0 | 16.2 |
| 3H | 14.9 | 15.5 | 15.3 | 15.8 | 16.1 | 15.2 | 15.8 | 15.6 | 16.1 | 16.4 |
| 4H | 14.9 | 15.4 | 15.2 | 15.7 | 16.0 | 15.2 | 15.7 | 15.5 | 16.0 | 16.3 |
| 6H | 14.8 | 15.3 | 15.2 | 15.6 | 15.9 | 15.1 | 15.6 | 15.5 | 15.9 | 16.2 |
| 8H | 14.7 | 15.2 | 15.1 | 15.5 | 15.9 | 15.0 | 15.5 | 15.4 | 15.8 | 16.2 |
| 12H | 14.7 | 15.1 | 15.1 | 15.5 | 15.9 | 15.0 | 15.4 | 15.4 | 15.8 | 16.2 |
| 8H 4H | 14.7 | 15.2 | 15.1 | 15.5 | 15.9 | 15.0 | 15.5 | 15.4 | 15.8 | 16.2 |
| 6H | 14.7 | 15.0 | 15.1 | 15.4 | 15.8 | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 |
| 8H | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 | 14.9 | 15.2 | 15.4 | 15.6 | 16.1 |
| 12H | 14.6 | 14.8 | 15.0 | 15.3 | 15.7 | 14.9 | 15.1 | 15.3 | 15.6 | 16.0 |
| 12H 4H | 14.7 | 15.1 | 15.1 | 15.5 | 15.9 | 15.0 | 15.4 | 15.4 | 15.8 | 16.2 |
| 6H | 14.6 | 14.9 | 15.0 | 15.3 | 15.8 | 14.9 | 15.2 | 15.3 | 15.6 | 16.1 |
| 8H | 14.6 | 14.8 | 15.0 | 15.3 | 15.7 | 14.9 | 15.1 | 15.3 | 15.6 | 16.0 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.3 / - 1.9 | | | | | + 1.5 / - 2.0 | | | | |
| 1.5H | + 1.7 / - 1.1 | | | | | + 2.1 / - 1.4 | | | | |
| 2.0H | + 1.9 / - 1.7 | | | | | + 2.3 / - 2.0 | | | | |

CIE Pub.117, 3404 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.3$)
Area: 0.0084 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |

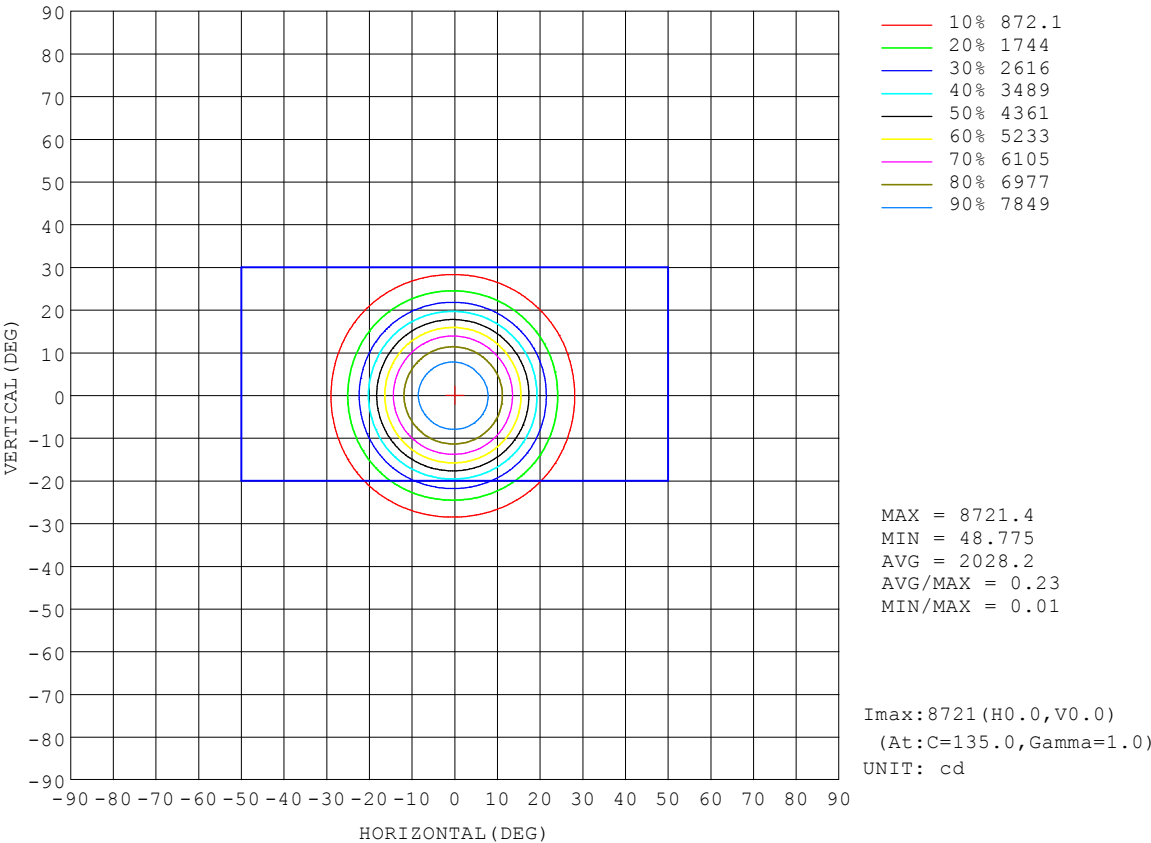
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 88 | 82 | 79 | 88 | 82 | 79 | 87 | 82 | 78 | 75 |
| 0.80 | 96 | 90 | 86 | 95 | 90 | 86 | 94 | 89 | 86 | 82 |
| 1.00 | 100 | 95 | 91 | 99 | 94 | 91 | 98 | 94 | 90 | 86 |
| 1.25 | 104 | 99 | 95 | 103 | 98 | 95 | 101 | 97 | 94 | 90 |
| 1.50 | 106 | 102 | 99 | 105 | 101 | 98 | 103 | 100 | 97 | 93 |
| 2.00 | 109 | 105 | 102 | 108 | 104 | 101 | 105 | 102 | 100 | 94 |
| 2.50 | 111 | 107 | 104 | 109 | 106 | 103 | 106 | 103 | 101 | 95 |
| 3.00 | 112 | 109 | 106 | 110 | 107 | 105 | 107 | 105 | 103 | 97 |
| 4.00 | 114 | 111 | 109 | 112 | 110 | 108 | 108 | 107 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 110 | 109 | 108 | 107 | 99 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

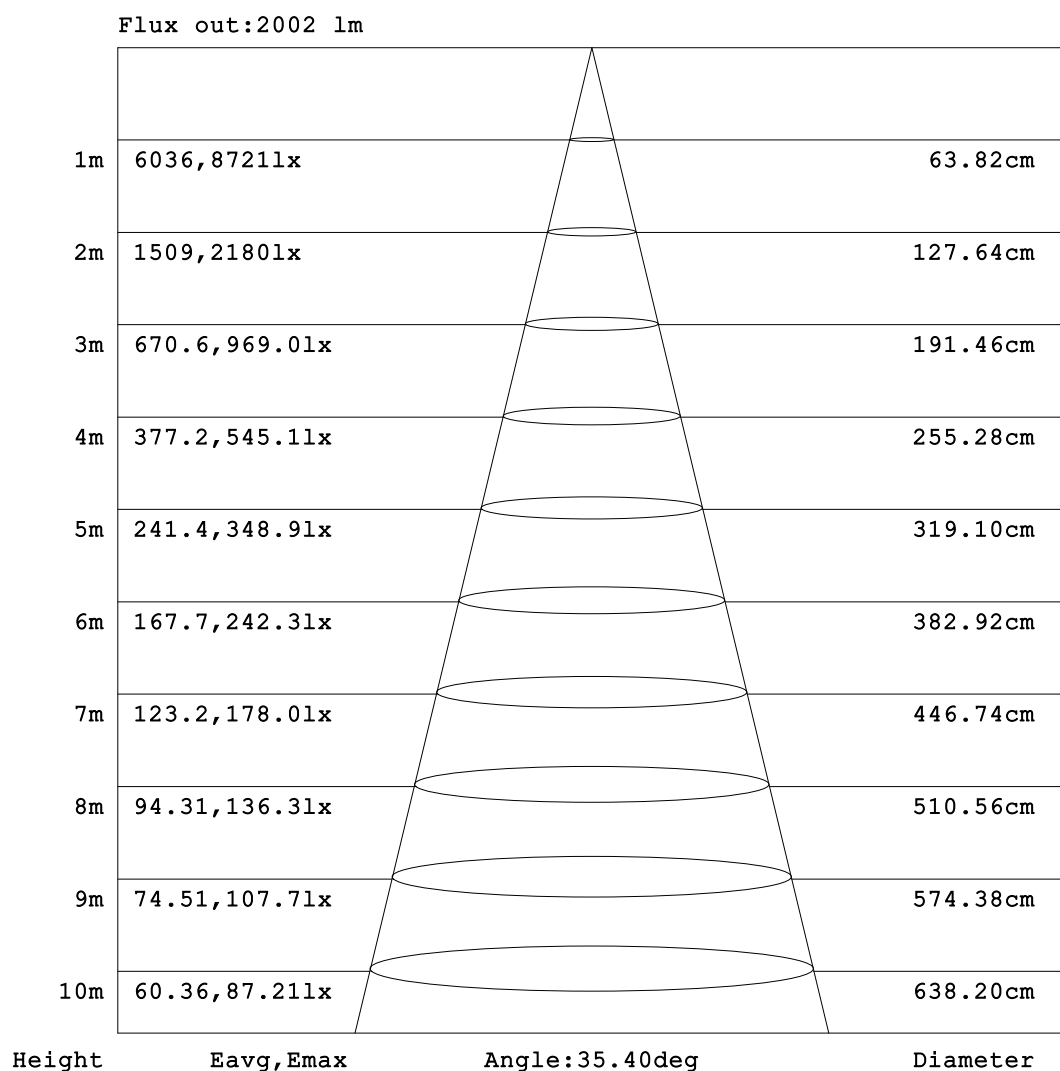
| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |



| | |
|----------------------|---|
| C Range: 0 - 360DEG | γ Range: 0 - 90DEG |
| C Interval: 45.0DEG | γ Interval: 1.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453 |
| Temperature:25.3DEG | Humidity:65.0% |
| Operators:DAMIN | Test Distance:3.090m [K=1.0000] |
| Test Date:2024-09-12 | Remarks: |

AAI Figure

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |

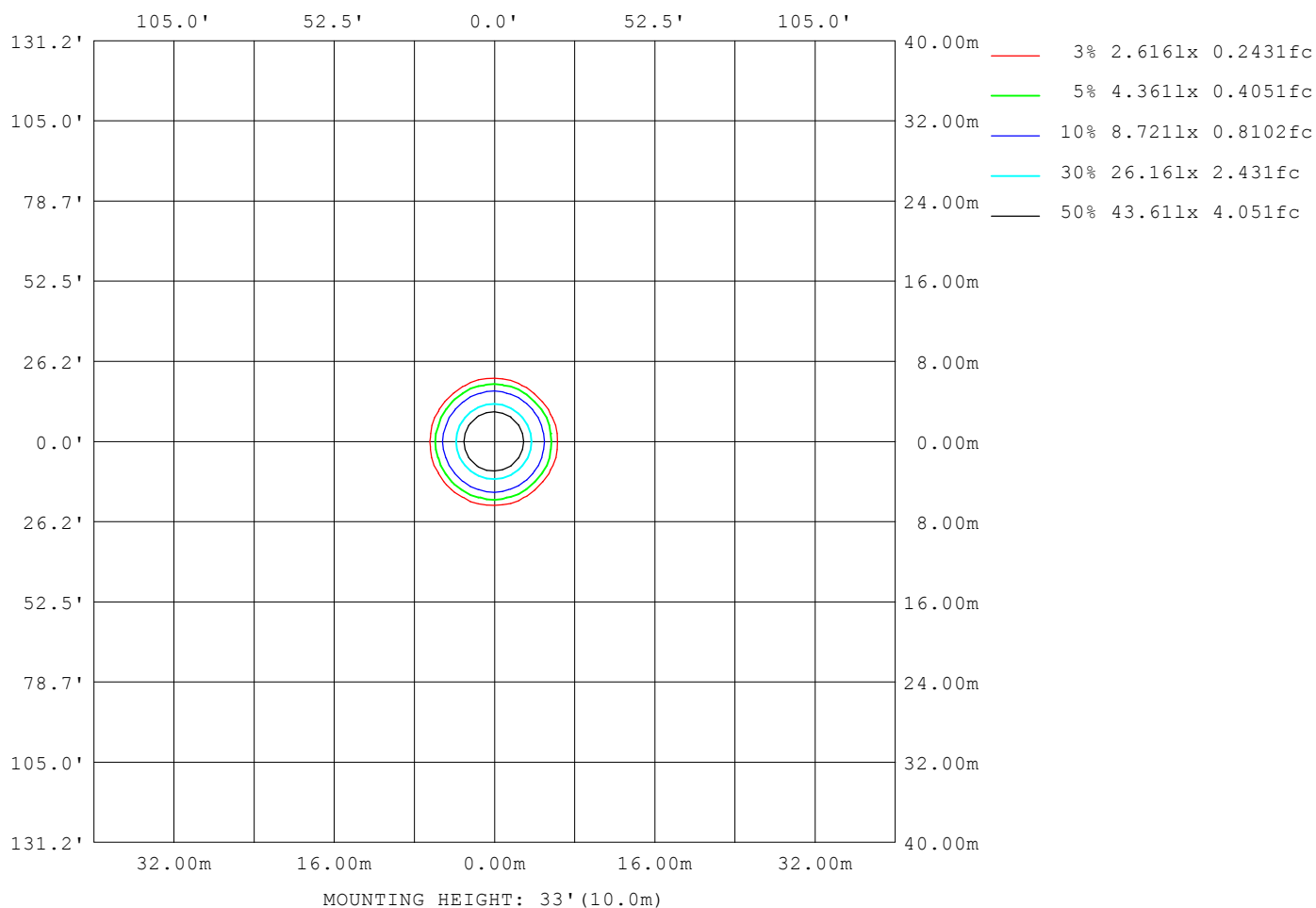


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz | | |
| UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.7lx1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|-------------|------------------|
| Test:U:240.3V I:0.1230A P:29.2W PF:0.9884 Freq:49.99Hz UTHDi:0.16% ITHDi:21.31% KDisp:0.9907 Lamp Flux:3403.71x1 lm | | |
| NAME: TR11-35-XX-01+白色防眩环 4000K RA90 36D 30W | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming lighting | SUR.: 104mm | Shielding Angle: |

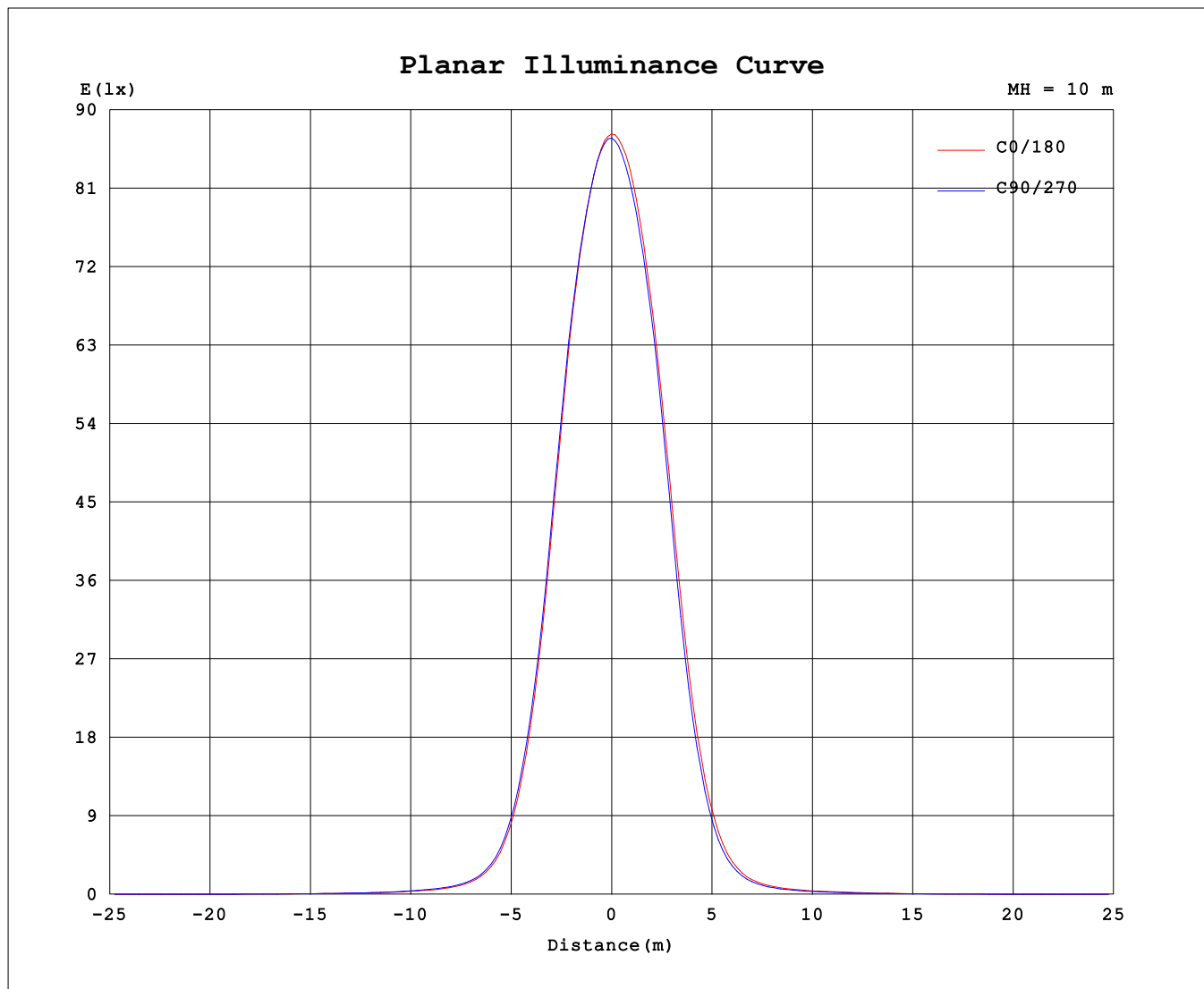
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 7048 |
| L_0~180 (75) av | 1472 |
| L_0~180 (85) av | 889 |
| L_90~270 (65) av | 6604 |
| L_90~270 (75) av | 1470 |
| L_90~270 (85) av | 889 |
| L_45 (65) av | 7019 |
| L_45 (75) av | 1514 |
| L_45 (85) av | 907 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

```

Photometric Data Table [cd]

| G/C | 0.0 | 45.0 | 90.0 | 135.0 | 180.0 | 225.0 | 270.0 | 315.0 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0 | 8688 | 8688 | 8688 | 8688 | 8688 | 8688 | 8688 | 8688 |
| 3.0 | 8550 | 8573 | 8581 | 8597 | 8590 | 8557 | 8530 | 8531 |
| 6.0 | 8164 | 8207 | 8216 | 8272 | 8286 | 8234 | 8172 | 8154 |
| 9.0 | 7557 | 7600 | 7642 | 7709 | 7730 | 7663 | 7603 | 7554 |
| 12.0 | 6668 | 6724 | 6797 | 6900 | 6927 | 6868 | 6795 | 6696 |
| 15.0 | 5445 | 5502 | 5603 | 5771 | 5830 | 5762 | 5638 | 5490 |
| 18.0 | 4053 | 4106 | 4213 | 4417 | 4484 | 4408 | 4241 | 4089 |
| 21.0 | 2772 | 2838 | 2923 | 3091 | 3137 | 3058 | 2910 | 2789 |
| 24.0 | 1768 | 1824 | 1901 | 2036 | 2074 | 1968 | 1884 | 1761 |
| 27.0 | 1052 | 1080 | 1147 | 1225 | 1254 | 1169 | 1105 | 1032 |
| 30.0 | 601.1 | 619.6 | 661.8 | 706.9 | 719.4 | 658.9 | 625.6 | 586.0 |
| 33.0 | 355.8 | 369.2 | 394.5 | 419.5 | 418.6 | 381.0 | 363.8 | 347.1 |
| 36.0 | 230.8 | 241.6 | 259.8 | 275.1 | 267.0 | 241.1 | 231.1 | 224.5 |
| 39.0 | 164.8 | 174.4 | 188.7 | 199.8 | 190.6 | 168.1 | 161.1 | 158.6 |
| 42.0 | 126.4 | 136.9 | 146.6 | 154.4 | 146.1 | 126.8 | 120.5 | 120.3 |
| 45.0 | 102.0 | 112.2 | 118.5 | 124.2 | 119.3 | 101.4 | 95.39 | 97.10 |
| 48.0 | 84.98 | 92.16 | 97.65 | 101.8 | 99.19 | 84.42 | 77.70 | 80.14 |
| 51.0 | 71.11 | 75.13 | 78.82 | 83.96 | 81.41 | 70.97 | 64.50 | 67.30 |
| 54.0 | 59.30 | 61.45 | 62.91 | 68.54 | 66.28 | 59.75 | 54.22 | 57.09 |
| 57.0 | 46.65 | 48.10 | 47.61 | 51.89 | 50.83 | 48.59 | 43.30 | 45.70 |
| 60.0 | 37.08 | 38.13 | 37.46 | 42.02 | 41.29 | 39.76 | 35.44 | 36.65 |
| 63.0 | 28.54 | 29.37 | 28.62 | 31.54 | 31.74 | 30.77 | 27.59 | 28.17 |
| 66.0 | 19.76 | 20.92 | 20.40 | 23.35 | 23.99 | 22.92 | 20.36 | 19.80 |
| 69.0 | 13.42 | 13.94 | 14.25 | 15.90 | 15.90 | 15.14 | 13.81 | 13.47 |
| 72.0 | 4.783 | 4.899 | 5.440 | 7.056 | 7.324 | 7.827 | 5.978 | 5.261 |
| 75.0 | 3.020 | 2.981 | 3.094 | 3.726 | 3.381 | 3.344 | 3.300 | 3.112 |
| 78.0 | 2.114 | 2.029 | 2.141 | 2.709 | 2.384 | 2.344 | 2.329 | 2.209 |
| 81.0 | 1.314 | 1.257 | 1.387 | 1.878 | 1.660 | 1.609 | 1.596 | 1.419 |
| 84.0 | 0.7323 | 0.6748 | 0.7523 | 1.030 | 0.8674 | 0.8354 | 0.8465 | 0.7524 |
| 87.0 | 0.3154 | 0.2642 | 0.3415 | 0.5693 | 0.4122 | 0.3983 | 0.4028 | 0.3100 |
| 90.0 | 0.1024 | 0.0709 | 0.1174 | 0.1943 | 0.0717 | 0.0725 | 0.0914 | 0.0716 |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks: