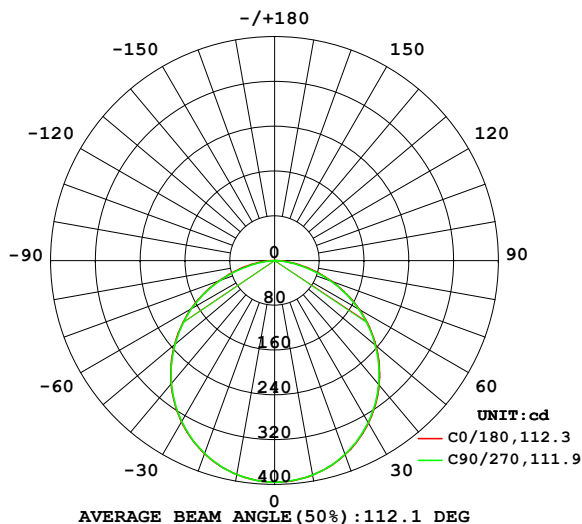


LUMINAIRE PHOTOMETRIC TEST REPORT

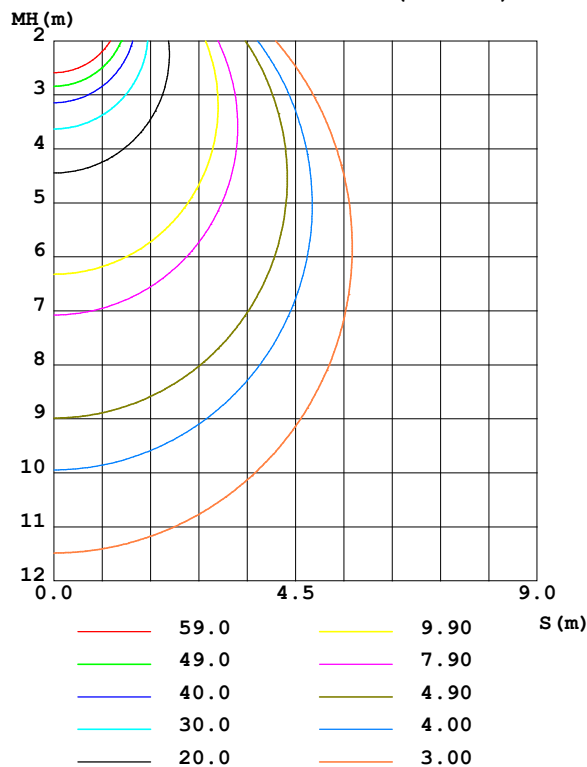
| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 86.45 lm/W |
|------------------|---------------|------------------|--------|------------------------|----------|-----------------|
| MODEL | PL1721-12W-DD | Imax (cd) | 395.9 | S/MH(C0/180) | 1.25 | |
| NOMINAL POWER(W) | 12 | LOR(%) | 100.0 | S/MH(C90/270) | 1.26 | |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 1118.6 | η UP,DN(C0-180) | 0.0,49.8 | |
| NOMINAL FLUX(lm) | 1118.59 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,50.2 | |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE(V) | 230 | η down (%) | 100.0 | CIBSE SHR MAX | 1.35 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [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 | 388.2 | 388.8 | 388.1 | 389.0 | 389.0 | 388.6 | 389.0 | 388.5 | 0- 10 | 37.43 | 37.43 | 3.35,3.35 |
| 20 | 366.9 | 367.5 | 366.3 | 368.1 | 368.7 | 367.6 | 368.0 | 367.1 | 10- 20 | 107.2 | 144.6 | 12.9,12.9 |
| 30 | 332.7 | 333.3 | 331.9 | 334.1 | 335.3 | 333.8 | 334.1 | 332.5 | 20- 30 | 162.2 | 306.8 | 27.4,27.4 |
| 40 | 287.6 | 288.2 | 286.7 | 289.0 | 290.4 | 289.1 | 289.1 | 287.4 | 30- 40 | 195.3 | 502.1 | 44.9,44.9 |
| 50 | 233.4 | 233.8 | 232.1 | 234.7 | 236.4 | 235.0 | 234.7 | 233.0 | 40- 50 | 202.3 | 704.4 | 63,63 |
| 60 | 172.3 | 172.0 | 170.9 | 173.0 | 174.9 | 174.2 | 173.2 | 171.9 | 50- 60 | 182.5 | 886.9 | 79.3,79.3 |
| 70 | 105.7 | 105.8 | 102.7 | 106.3 | 108.6 | 108.4 | 106.3 | 106.2 | 60- 70 | 138.4 | 1025 | 91.7,91.7 |
| 80 | 42.78 | 40.06 | 35.25 | 40.31 | 45.26 | 42.69 | 38.75 | 40.86 | 70- 80 | 76.83 | 1102 | 98.5,98.5 |
| 90 | 0.0648 | 0.0389 | 0.0195 | 0.0195 | 0.0558 | 0.0388 | 0.0259 | 0.0584 | 80- 90 | 16.48 | 1119 | 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): 604.12 lm

%lum = 54.0%

%lamp = 54.0%

Conical surface Flux(120deg): 886.87 lm

%lum = 79.3%

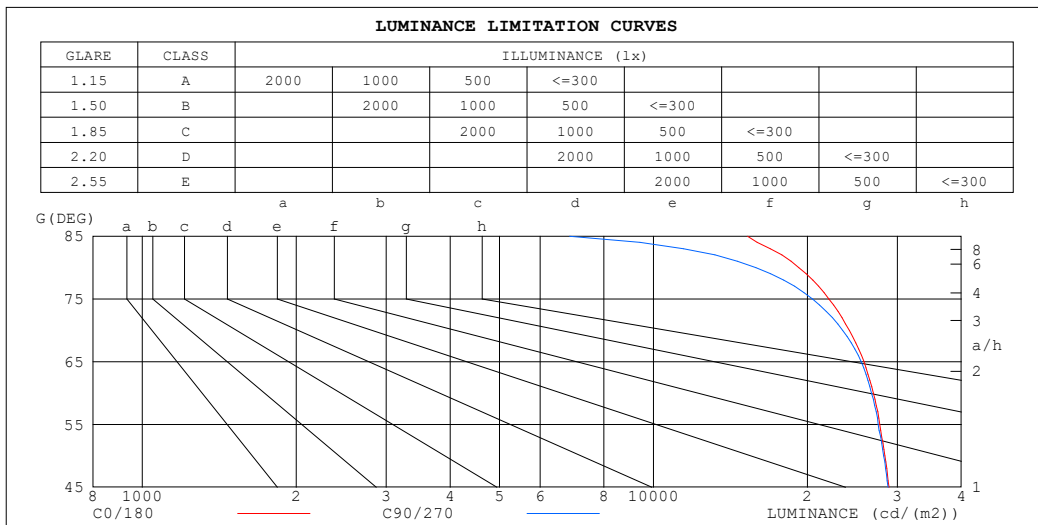
%lamp = 79.3%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LIXIAOFEI
 Test Date:2023-10-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:9.750m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 15268 | 6852 |
| 80 | 19245 | 15859 |
| 75 | 22038 | 20467 |
| 70 | 24150 | 23453 |
| 65 | 25815 | 25489 |
| 60 | 26927 | 26704 |
| 55 | 27721 | 27534 |
| 50 | 28365 | 28208 |
| 45 | 28883 | 28757 |

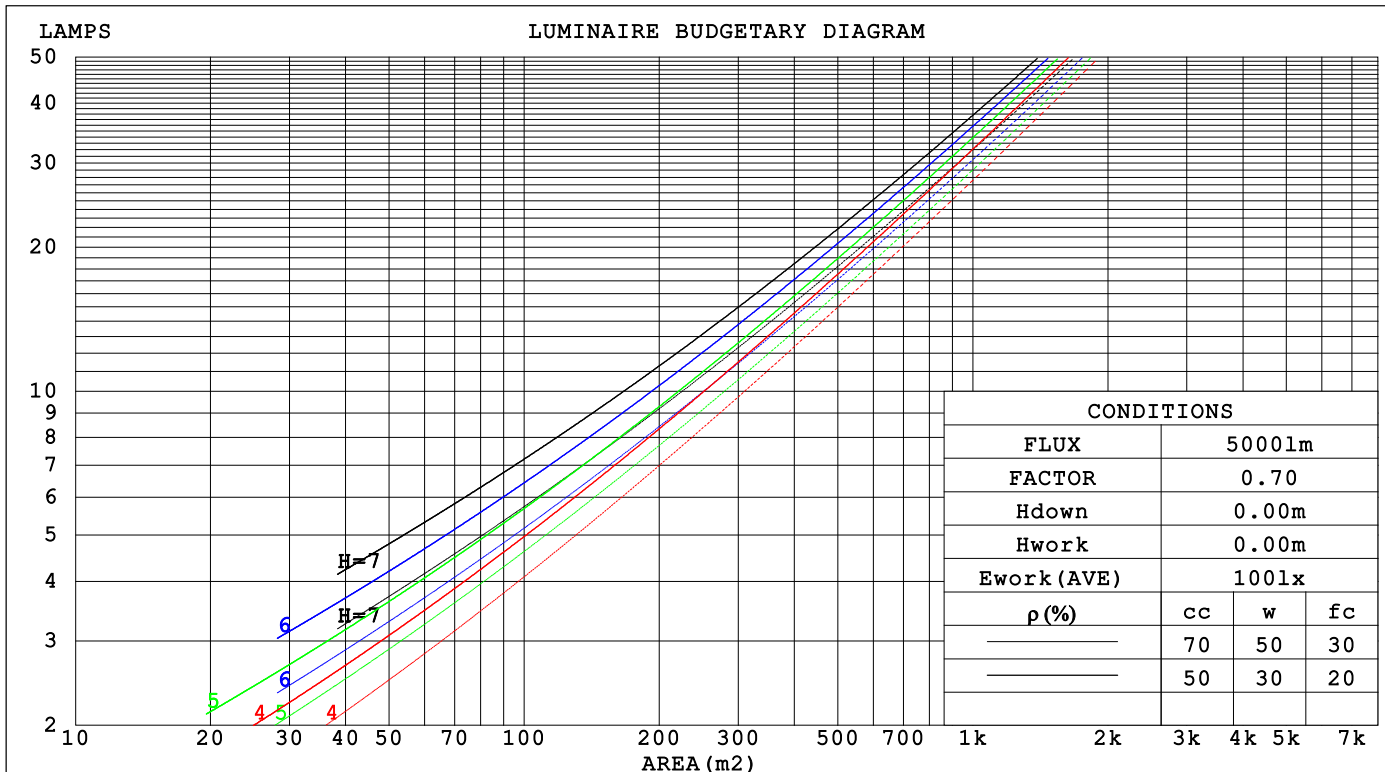
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LIXIAOFEI
Test Date: 2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.750m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | 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 Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0 | 1.04 | .00 | .96 | 1.02 | .98 | .94 | .98 | .94 | .92 | .94 | .91 | .89 | .90 | .88 | .86 | .84 |
| 2.0 | .91 | .84 | .78 | .89 | .83 | .77 | .85 | .80 | .75 | .82 | .78 | .74 | .79 | .75 | .72 | .70 |
| 3.0 | .80 | .71 | .65 | .78 | .70 | .64 | .75 | .69 | .63 | .72 | .67 | .62 | .70 | .65 | .61 | .59 |
| 4.0 | .70 | .62 | .55 | .69 | .61 | .55 | .67 | .59 | .54 | .64 | .58 | .53 | .62 | .57 | .52 | .50 |
| 5.0 | .63 | .54 | .47 | .62 | .53 | .47 | .60 | .52 | .46 | .58 | .51 | .46 | .56 | .50 | .45 | .43 |
| 6.0 | .57 | .48 | .41 | .56 | .47 | .41 | .54 | .46 | .41 | .52 | .45 | .40 | .51 | .45 | .40 | .38 |
| 7.0 | .51 | .43 | .36 | .51 | .42 | .36 | .49 | .41 | .36 | .48 | .41 | .36 | .46 | .40 | .35 | .33 |
| 8.0 | .47 | .38 | .32 | .46 | .38 | .32 | .45 | .37 | .32 | .44 | .37 | .32 | .42 | .36 | .32 | .30 |
| 9.0 | .43 | .35 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .34 | .29 | .39 | .33 | .29 | .27 |
| 10.0 | .40 | .32 | .26 | .39 | .32 | .26 | .38 | .31 | .26 | .37 | .31 | .26 | .36 | .30 | .26 | .24 |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|---|--|--|---------------------------------|--|--|--------------------------|--|--|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz | | | UTHDi:0.00% ITHDi:0.00% KDisp:0 | | | Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | | | Type: 12W | | | Weight: | | |
| SPEC.: 5700K | | | DIM.: | | | Instrument No.: HUP-IES2 | | |
| MFR.: | | | SUR.: 0.064 | | | 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 | .305 | .173 | .055 | .298 | .170 | .054 | .285 | .163 | .052 | .273 | .157 | .050 | .261 | .151 | .049 | | |
| 2.0 | .289 | .158 | .049 | .283 | .156 | .048 | .271 | .151 | .047 | .260 | .146 | .046 | .250 | .142 | .045 | | |
| 3.0 | .268 | .143 | .043 | .263 | .141 | .042 | .253 | .137 | .042 | .243 | .133 | .041 | .234 | .130 | .040 | | |
| 4.0 | .248 | .129 | .038 | .243 | .127 | .038 | .234 | .124 | .037 | .226 | .121 | .037 | .218 | .118 | .036 | | |
| 5.0 | .230 | .117 | .034 | .225 | .116 | .034 | .217 | .113 | .033 | .210 | .111 | .033 | .202 | .108 | .033 | | |
| 6.0 | .213 | .107 | .031 | .209 | .106 | .030 | .202 | .104 | .030 | .195 | .101 | .030 | .189 | .099 | .030 | | |
| 7.0 | .198 | .098 | .028 | .195 | .097 | .028 | .189 | .095 | .027 | .182 | .094 | .027 | .177 | .092 | .027 | | |
| 8.0 | .185 | .091 | .025 | .182 | .090 | .025 | .177 | .088 | .025 | .171 | .087 | .025 | .166 | .085 | .025 | | |
| 9.0 | .174 | .084 | .023 | .171 | .083 | .023 | .166 | .082 | .023 | .161 | .081 | .023 | .156 | .079 | .023 | | |
| 10.0 | .163 | .078 | .022 | .161 | .078 | .022 | .156 | .077 | .022 | .152 | .075 | .021 | .148 | .074 | .021 | | |

| 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 | .180 | .156 | .135 | .154 | .134 | .116 | .105 | .092 | .080 | .061 | .053 | .047 | .019 | .017 | .015 | | |
| 2.0 | .172 | .132 | .098 | .147 | .114 | .085 | .101 | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 | | |
| 3.0 | .164 | .114 | .075 | .141 | .099 | .065 | .097 | .068 | .045 | .056 | .040 | .027 | .018 | .013 | .009 | | |
| 4.0 | .157 | .101 | .058 | .134 | .087 | .051 | .092 | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 | | |
| 5.0 | .149 | .091 | .047 | .128 | .078 | .041 | .088 | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 | | |
| 6.0 | .142 | .082 | .039 | .122 | .071 | .034 | .084 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | | |
| 7.0 | .135 | .075 | .033 | .116 | .065 | .029 | .080 | .046 | .021 | .047 | .027 | .012 | .015 | .009 | .004 | | |
| 8.0 | .129 | .069 | .029 | .111 | .060 | .025 | .077 | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .004 | | |
| 9.0 | .123 | .065 | .025 | .106 | .056 | .022 | .073 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | | |
| 10.0 | .117 | .060 | .022 | .101 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|--|------------------|------|------|------|-------------|----------------|------|--------------------------|------|------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | | | | | | | | | | |
| NameAA: PL1721-12W-DD | | | | | | Type: 12W | | | Weight: | | |
| SPEC.: 5700K | | | | | | DIM.: | | | Instrument No.: HUP-IES2 | | |
| MFR.: | | | | | | SUR.: 0.064 | | | 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 | | 24.4 | 25.9 | 24.7 | 26.2 | 26.4 | 24.4 | 25.9 | 24.7 | 26.1 | 26.3 |
| 3H | | 25.9 | 27.3 | 26.2 | 27.6 | 27.8 | 25.9 | 27.3 | 26.2 | 27.5 | 27.7 |
| 4H | | 26.5 | 27.8 | 26.8 | 28.1 | 28.3 | 26.4 | 27.7 | 26.7 | 28.0 | 28.2 |
| 6H | | 26.9 | 28.1 | 27.2 | 28.4 | 28.7 | 26.7 | 27.9 | 27.0 | 28.2 | 28.5 |
| 8H | | 27.0 | 28.2 | 27.3 | 28.5 | 28.8 | 26.7 | 27.9 | 27.1 | 28.2 | 28.5 |
| 12H | | 27.0 | 28.2 | 27.4 | 28.5 | 28.8 | 26.7 | 27.9 | 27.1 | 28.2 | 28.5 |
| 4H 2H | | 25.0 | 26.4 | 25.3 | 26.6 | 26.9 | 25.0 | 26.3 | 25.3 | 26.6 | 26.9 |
| 3H | | 26.7 | 27.9 | 27.1 | 28.2 | 28.5 | 26.6 | 27.8 | 27.0 | 28.1 | 28.4 |
| 4H | | 27.4 | 28.5 | 27.8 | 28.8 | 29.1 | 27.3 | 28.3 | 27.7 | 28.7 | 29.0 |
| 6H | | 27.9 | 28.8 | 28.3 | 29.2 | 29.6 | 27.7 | 28.6 | 28.1 | 29.0 | 29.4 |
| 8H | | 28.1 | 28.9 | 28.5 | 29.3 | 29.7 | 27.8 | 28.7 | 28.2 | 29.0 | 29.4 |
| 12H | | 28.1 | 29.0 | 28.6 | 29.3 | 29.7 | 27.8 | 28.6 | 28.2 | 29.0 | 29.4 |
| 8H 4H | | 27.6 | 28.5 | 28.0 | 28.9 | 29.3 | 27.5 | 28.4 | 27.9 | 28.8 | 29.2 |
| 6H | | 28.3 | 29.0 | 28.7 | 29.4 | 29.8 | 28.1 | 28.8 | 28.5 | 29.2 | 29.6 |
| 8H | | 28.5 | 29.1 | 28.9 | 29.6 | 30.0 | 28.2 | 28.9 | 28.7 | 29.3 | 29.7 |
| 12H | | 28.6 | 29.2 | 29.1 | 29.6 | 30.1 | 28.3 | 28.8 | 28.7 | 29.3 | 29.7 |
| 12H 4H | | 27.6 | 28.4 | 28.1 | 28.8 | 29.2 | 27.5 | 28.3 | 28.0 | 28.7 | 29.1 |
| 6H | | 28.3 | 28.9 | 28.8 | 29.4 | 29.8 | 28.1 | 28.8 | 28.6 | 29.2 | 29.6 |
| 8H | | 28.5 | 29.1 | 29.0 | 29.6 | 30.0 | 28.3 | 28.8 | 28.8 | 29.3 | 29.8 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 1119 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.4)
Area: 0.0128 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |

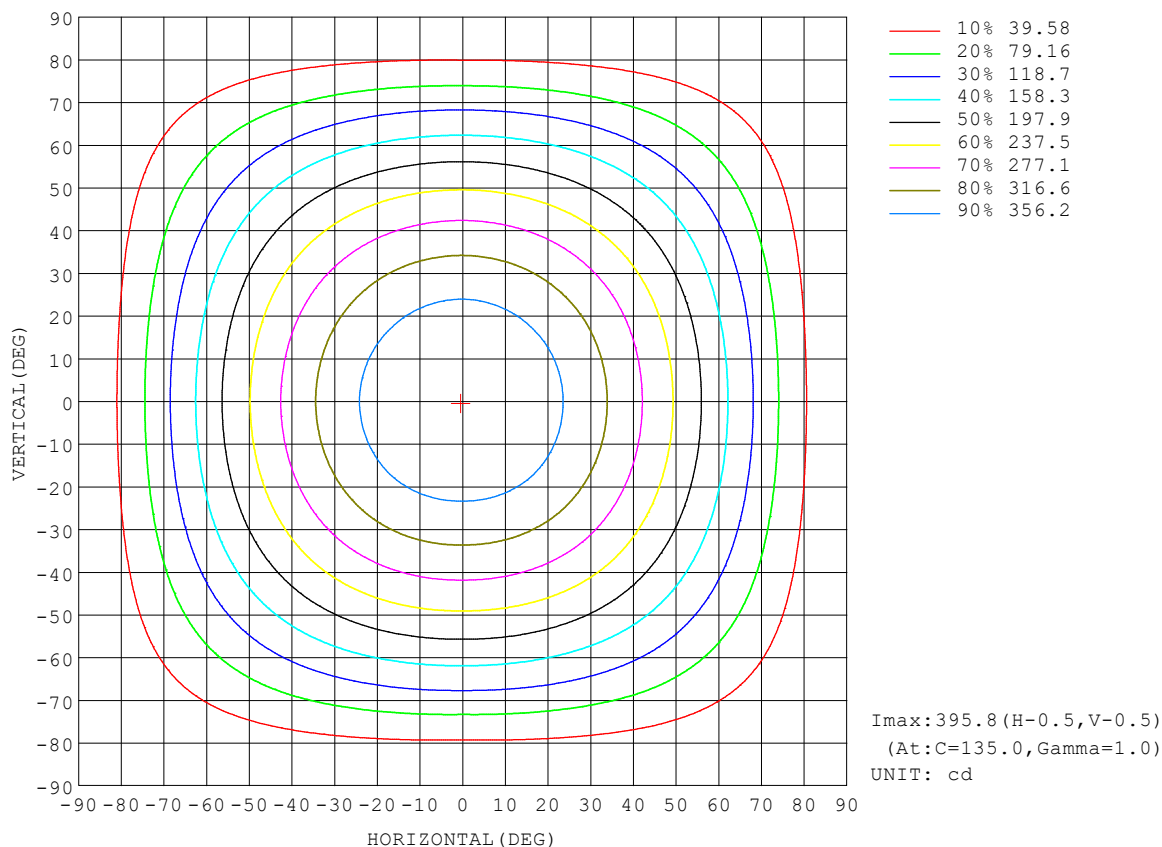
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 58 | 46 | 39 | 57 | 46 | 39 | 56 | 45 | 39 | 32 |
| 0.80 | 68 | 56 | 49 | 67 | 56 | 49 | 65 | 55 | 48 | 41 |
| 1.00 | 76 | 65 | 58 | 75 | 65 | 58 | 73 | 66 | 57 | 50 |
| 1.25 | 83 | 73 | 66 | 82 | 72 | 65 | 79 | 71 | 65 | 57 |
| 1.50 | 88 | 78 | 72 | 87 | 78 | 71 | 84 | 76 | 70 | 62 |
| 2.00 | 95 | 87 | 80 | 93 | 85 | 80 | 90 | 83 | 78 | 70 |
| 2.50 | 99 | 91 | 85 | 97 | 90 | 84 | 93 | 87 | 83 | 74 |
| 3.00 | 102 | 96 | 90 | 100 | 94 | 89 | 96 | 91 | 87 | 79 |
| 4.00 | 106 | 101 | 96 | 104 | 99 | 95 | 100 | 96 | 92 | 83 |
| 5.00 | 109 | 104 | 100 | 106 | 102 | 99 | 102 | 99 | 95 | 86 |
| 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: 25.3℃
Operators: LIXIAOFEI
Test Date: 2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.750m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |

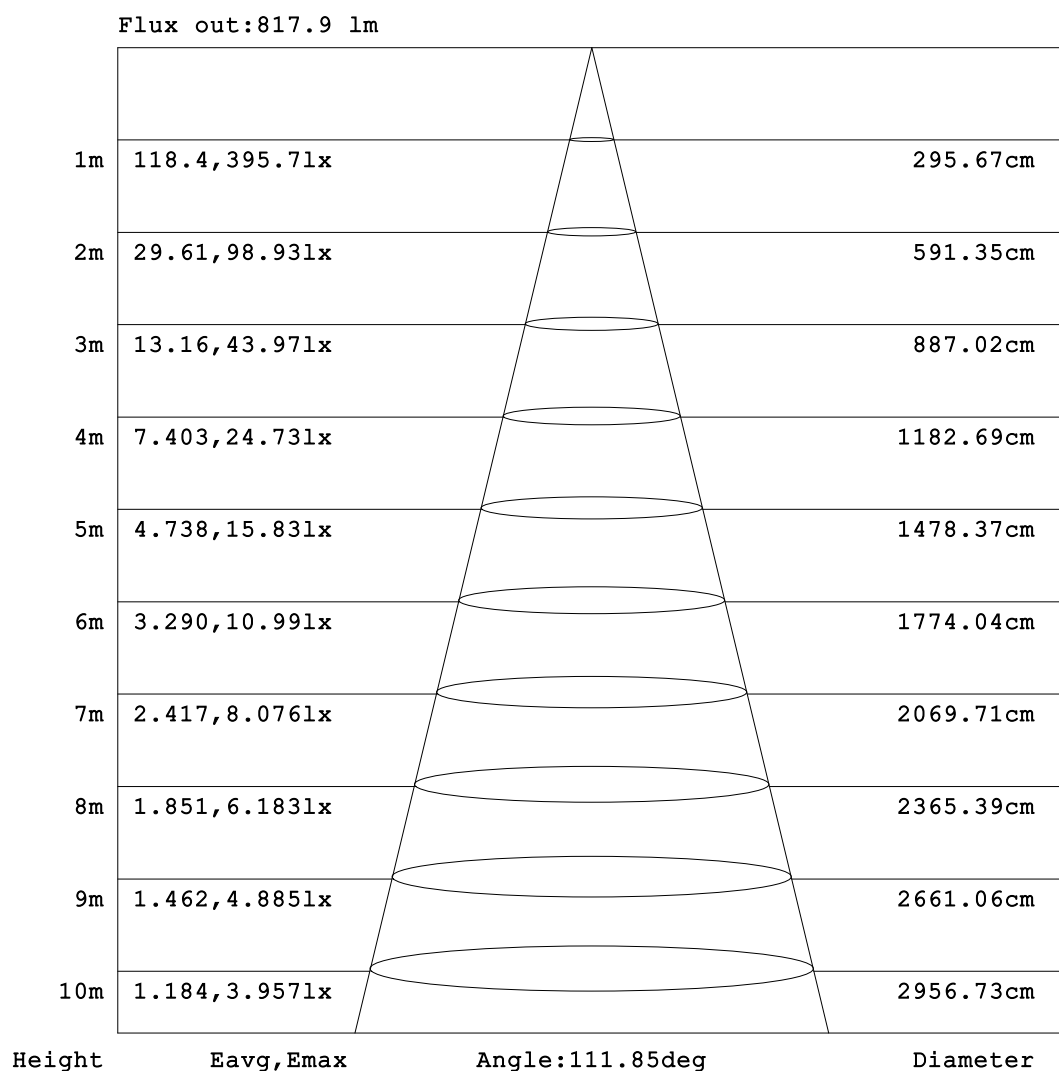


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |



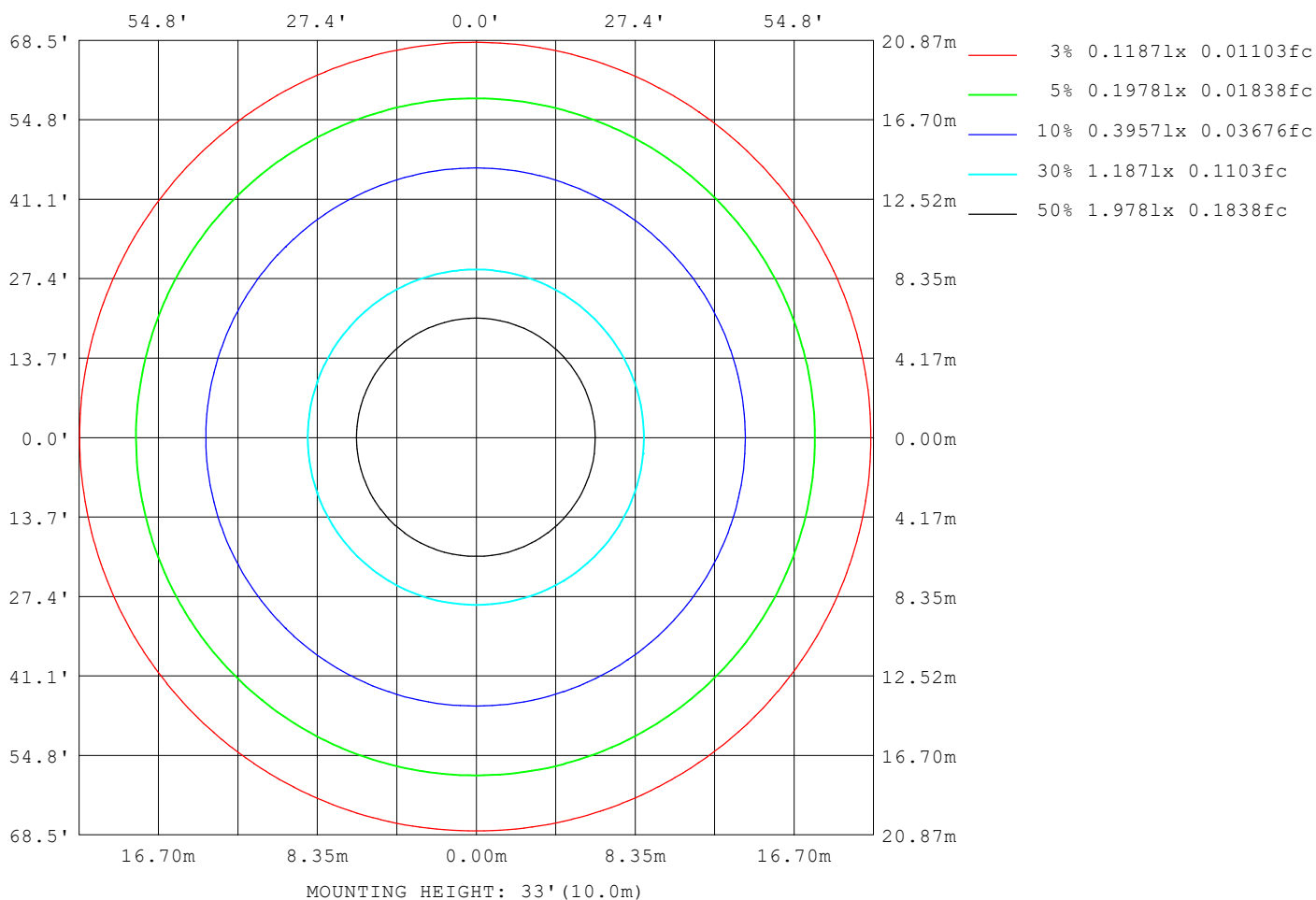
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LIXIAOFEI
 Test Date:2023-10-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:9.750m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------------|--------------------------|
| Test:U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |

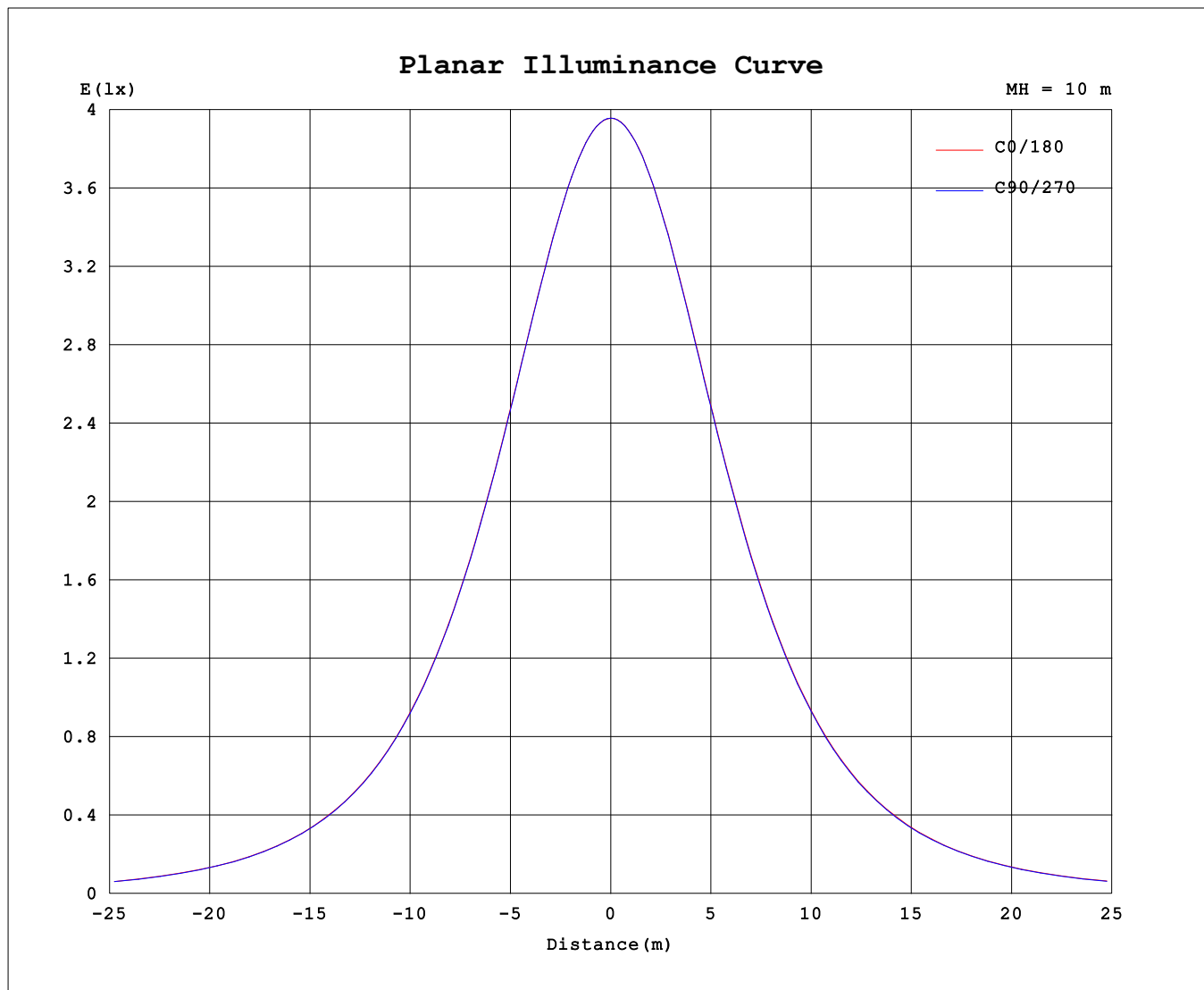
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 26060 |
| L_0~180 (75) av | 22461 |
| L_0~180 (85) av | 16013 |
| L_90~270 (65) av | 25737 |
| L_90~270 (75) av | 21029 |
| L_90~270 (85) av | 8087 |
| L_45 (65) av | 25899 |
| L_45 (75) av | 22063 |
| L_45 (85) av | 11132 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIXIAOFEI
Test Date:2023-10-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LIXIAOFEI
Test Date: 2023-10-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.750m [K=1.0000]
Remarks:

| | | |
|---|--------------------|---------------------------------|
| Test: U:230.39V I:0.0605A P:12.938W PF:0.9280 Freq:49.99Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 1118.59x1 lm | | |
| NameAA: PL1721-12W-DD | Type: 12W | Weight: |
| SPEC.: 5700K | DIM.: | Instrument No.: HUP-IES2 |
| MFR.: | SUR.: 0.064 | shielding angle: |

UNIT: cd

[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

```