

### Luminaire Photograph



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 78.2%   |                          |
| Luminaire Power:    | 7.575 W |                          |
| SHR Nominal:        | 0.50    | Calculated using the TM5 |
| SHR Maximum:        | 0.65    | fine grid method.        |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

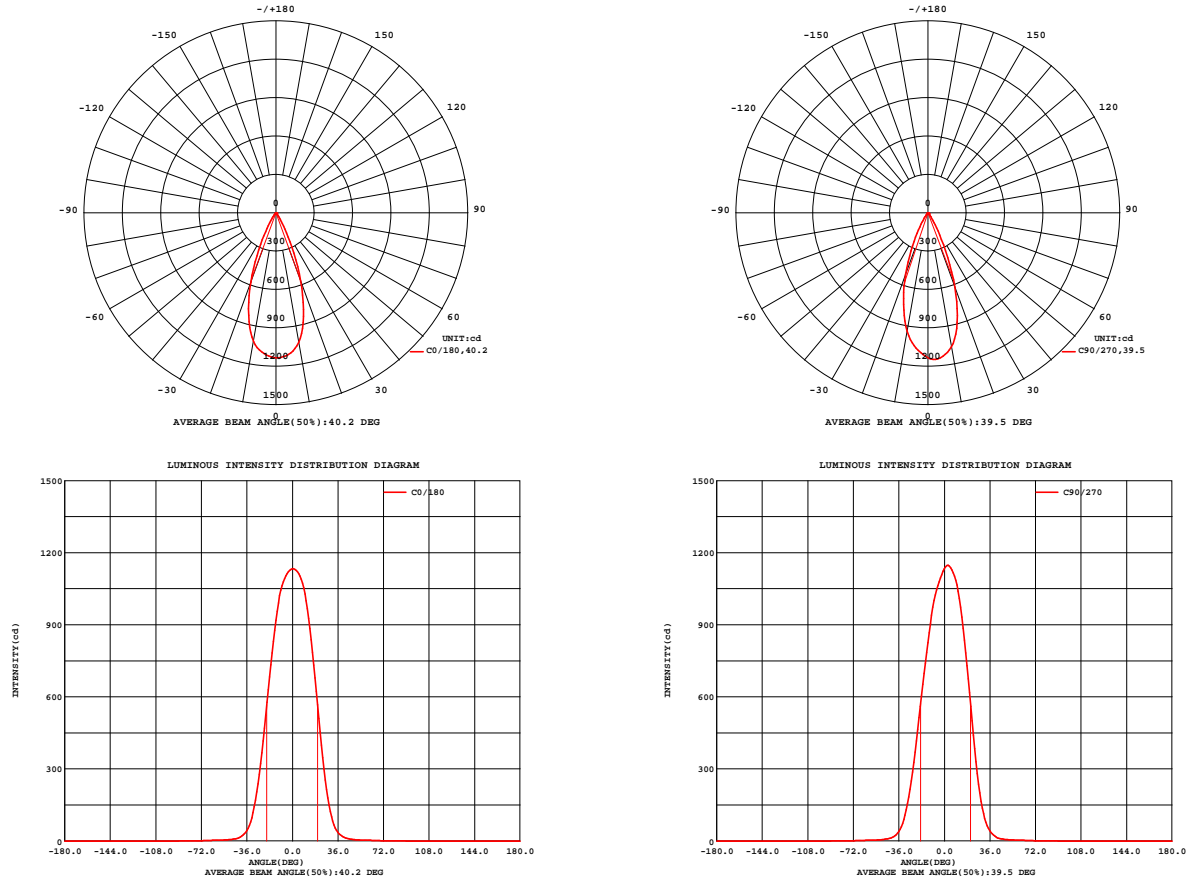


Fig. C0/C180

Fig. C90/C270

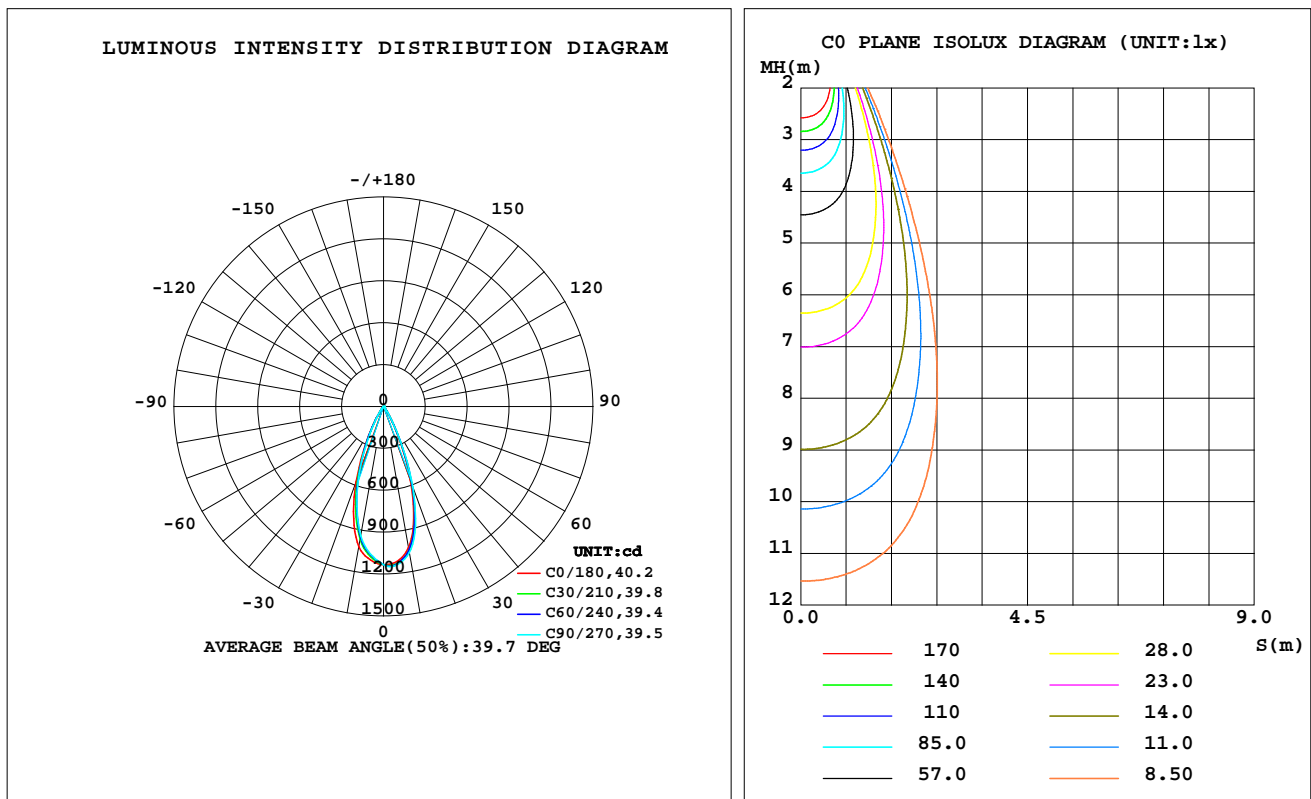
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30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

| DATA OF LAMP     |       | PHOTOMETRIC DATA Eff: 68.49 lm/W |        |                 |          |
|------------------|-------|----------------------------------|--------|-----------------|----------|
| MODEL            | CREE  | I <sub>max</sub> (cd)            | 1147   | S/MH(C0/180)    | 0.63     |
| NOMINAL POWER(W) | 7     | LOR(%)                           | 78.2   | S/MH(C90/270)   | 0.61     |
| RATED VOLTAGE(V) | 220   | TOTAL FLUX(lm)                   | 518.81 | UP,DN(C0-180)   | 0.0,40.7 |
| NOMINAL FLUX(lm) | 663.4 | CIE CLASS                        | DIRECT | UP,DN(C180-360) | 0.0,37.5 |
| LAMPS INSIDE     | 1     | up(%)                            | 0.0    | CIBSE SHR NOM   | 0.50     |
| TEST VOLTAGE(V)  | 220   | down(%)                          | 78.2   | CIBSE SHR MAX   | 0.65     |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

|     | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   |         | zone    | total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|-----------|
| 10  | 1028                  | 1046   | 1065   | 1058   | 1021   | 958.2  | 940.4  | 972.8  | 0- 10   | 102.5   | 102.5 | 19.7,15.4 |
| 20  | 566.8                 | 595.7  | 617.9  | 613.5  | 577.3  | 529.9  | 512.9  | 532.3  | 10- 20  | 223.0   | 325.4 | 62.7,49.1 |
| 30  | 122.1                 | 130.2  | 137.2  | 140.5  | 142.6  | 140.7  | 129.7  | 123.2  | 20- 30  | 143.6   | 469.1 | 90.4,70.7 |
| 40  | 17.88                 | 19.18  | 20.53  | 21.22  | 20.77  | 19.42  | 18.40  | 17.81  | 30- 40  | 35.43   | 504.5 | 97.2,76   |
| 50  | 5.151                 | 5.303  | 5.487  | 5.603  | 5.397  | 5.262  | 5.292  | 5.226  | 40- 50  | 7.578   | 512.1 | 98.7,77.2 |
| 60  | 3.139                 | 3.233  | 3.325  | 3.357  | 3.270  | 3.157  | 3.119  | 3.098  | 50- 60  | 3.595   | 515.7 | 99.4,77.7 |
| 70  | 1.261                 | 1.314  | 1.382  | 1.441  | 1.465  | 1.414  | 1.341  | 1.268  | 60- 70  | 2.252   | 517.9 | 99.8,78.1 |
| 80  | 0.2445                | 0.2596 | 0.2896 | 0.3174 | 0.3353 | 0.3137 | 0.2819 | 0.2432 | 70- 80  | 0.7860  | 518.7 | 100,78.2  |
| 90  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90  | 0.0877  | 518.8 | 100,78.2  |
| 100 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100  | 0       | 518.8 | 100,78.2  |
| 110 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110 | 0       | 518.8 | 100,78.2  |
| 120 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120 | 0       | 518.8 | 100,78.2  |
| 130 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130 | 0       | 518.8 | 100,78.2  |
| 140 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140 | 0       | 518.8 | 100,78.2  |
| 150 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150 | 0       | 518.8 | 100,78.2  |
| 160 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160 | 0       | 518.8 | 100,78.2  |
| 170 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170 | 0       | 518.8 | 100,78.2  |
| 180 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180 | 0       | 518.8 | 100,78.2  |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT:lm |       |           |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz  
Lamp Flux:663.4x1 lm

NAME: 2318.203-ACOT-96

TYPE:

WEIGHT:

SPEC.: 3000K

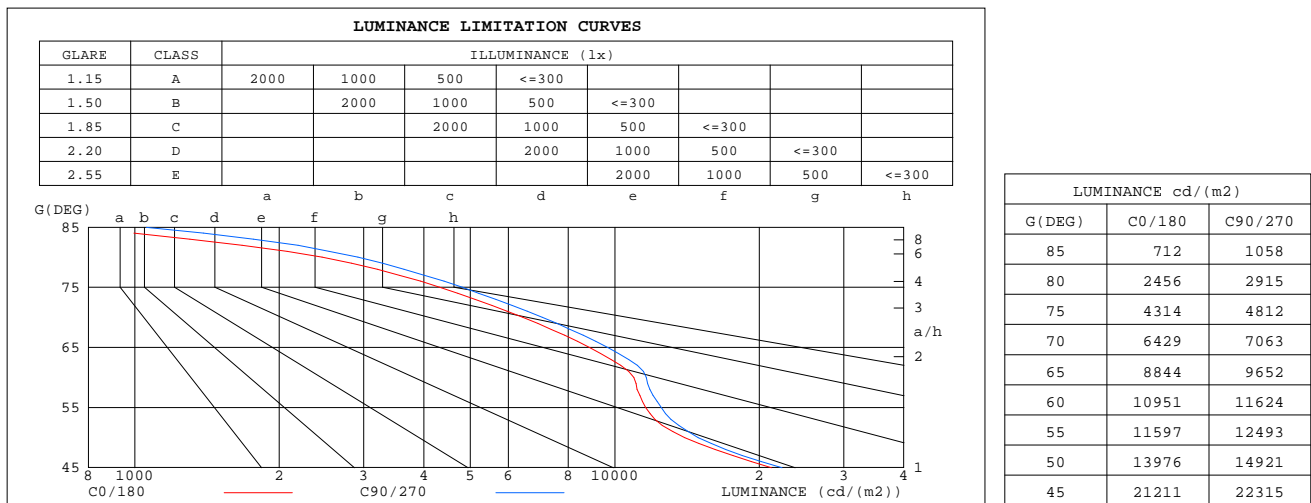
DIM.:

SERIAL No.: 2306030725

MFR.: RISE

SUR.: 0.000572265m2

Shielding Angle:



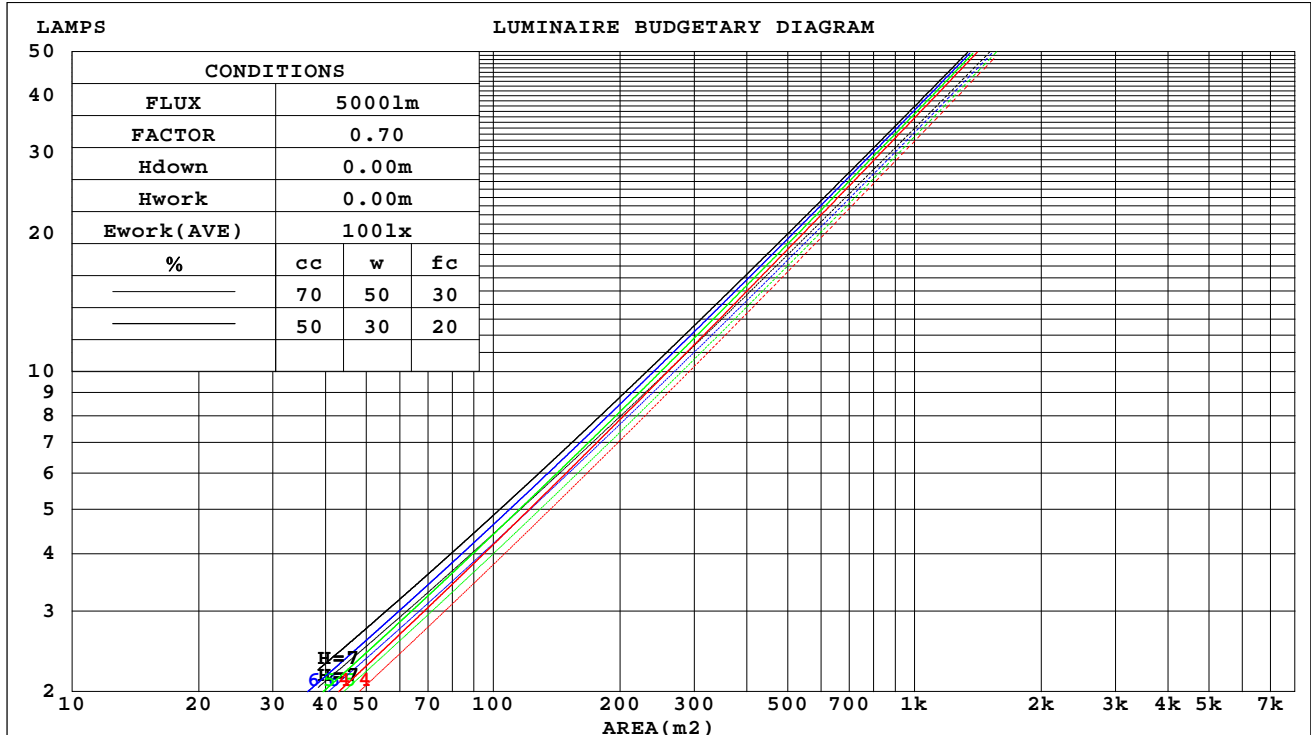
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LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

| cc  | 80%                   |     |     | 70% |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| w   | 50%                   | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| fc  | 20%                   |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 0 |
| RCR | RCR:Room Cavity Ratio |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



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Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
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Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

### WEC AND CCEC

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

| cc   | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| w    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| fc   | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0  | .121                  | .069 | .022 | .116 | .066 | .021 | .106                            | .061 | .019 | .097 | .056 | .018 | .089 | .052 | .017 |   |
| 2.0  | .114                  | .062 | .019 | .110 | .060 | .019 | .102                            | .056 | .018 | .094 | .053 | .017 | .087 | .049 | .016 |   |
| 3.0  | .107                  | .057 | .017 | .104 | .056 | .017 | .097                            | .053 | .016 | .091 | .050 | .015 | .085 | .047 | .015 |   |
| 4.0  | .101                  | .053 | .016 | .098 | .051 | .015 | .093                            | .049 | .015 | .087 | .047 | .014 | .082 | .045 | .014 |   |
| 5.0  | .096                  | .049 | .014 | .094 | .048 | .014 | .089                            | .046 | .014 | .084 | .044 | .013 | .080 | .042 | .013 |   |
| 6.0  | .092                  | .046 | .013 | .089 | .045 | .013 | .085                            | .044 | .013 | .081 | .042 | .012 | .077 | .041 | .012 |   |
| 7.0  | .087                  | .043 | .012 | .085 | .043 | .012 | .082                            | .041 | .012 | .078 | .040 | .012 | .075 | .039 | .011 |   |
| 8.0  | .084                  | .041 | .011 | .082 | .040 | .011 | .078                            | .039 | .011 | .075 | .038 | .011 | .072 | .037 | .011 |   |
| 9.0  | .080                  | .039 | .011 | .079 | .038 | .011 | .076                            | .037 | .011 | .073 | .036 | .010 | .070 | .036 | .010 |   |
| 10.0 | .077                  | .037 | .010 | .076 | .036 | .010 | .073                            | .036 | .010 | .070 | .035 | .010 | .068 | .034 | .010 |   |

| cc   | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|---|
| w    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| fc   | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0  | .149                  | .149 | .149 | .127                                       | .127 | .127 | .087 | .087 | .087 | .050 | .050 | .050 | .016 | .016 | .016 |   |
| 1.0  | .133                  | .123 | .115 | .113                                       | .106 | .099 | .078 | .073 | .068 | .045 | .042 | .040 | .014 | .014 | .013 |   |
| 2.0  | .119                  | .104 | .090 | .102                                       | .089 | .078 | .070 | .062 | .055 | .040 | .036 | .032 | .013 | .012 | .010 |   |
| 3.0  | .109                  | .089 | .073 | .093                                       | .077 | .063 | .064 | .053 | .044 | .037 | .031 | .026 | .012 | .010 | .009 |   |
| 4.0  | .100                  | .077 | .060 | .086                                       | .066 | .052 | .059 | .046 | .036 | .034 | .027 | .022 | .011 | .009 | .007 |   |
| 5.0  | .092                  | .068 | .049 | .079                                       | .058 | .043 | .054 | .041 | .030 | .032 | .024 | .018 | .010 | .008 | .006 |   |
| 6.0  | .086                  | .060 | .041 | .074                                       | .052 | .036 | .051 | .036 | .026 | .029 | .021 | .015 | .010 | .007 | .005 |   |
| 7.0  | .080                  | .054 | .035 | .069                                       | .047 | .031 | .048 | .033 | .022 | .028 | .019 | .013 | .009 | .006 | .004 |   |
| 8.0  | .075                  | .049 | .030 | .065                                       | .042 | .026 | .045 | .030 | .019 | .026 | .017 | .011 | .008 | .006 | .004 |   |
| 9.0  | .071                  | .044 | .026 | .061                                       | .039 | .023 | .043 | .027 | .016 | .025 | .016 | .010 | .008 | .005 | .003 |   |
| 10.0 | .068                  | .041 | .023 | .058                                       | .035 | .020 | .040 | .025 | .014 | .024 | .015 | .009 | .008 | .005 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
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Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
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LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

|   |                  |      |      |      |                     |                |      |                        |      |      |
|---|------------------|------|------|------|---------------------|----------------|------|------------------------|------|------|
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| NAME: 2318.203-ACOT-96  |                  |      |      |      | TYPE:               |                |      | WEIGHT:                |      |      |
| SPEC.: 3000K  |                  |      |      |      | DIM.:               |                |      | SERIAL No.: 2306030725 |      |      |
| MFR.: RISE  |                  |      |      |      | SUR.: 0.000572265m2 |                |      | 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   | 17.5             | 18.3 | 17.7 | 18.4 | 18.6                | 18.0           | 18.8 | 18.2                   | 18.9 | 19.1 |
| 3H  | 17.6             | 18.3 | 17.8 | 18.5 | 18.7                | 18.0           | 18.7 | 18.3                   | 18.9 | 19.1 |
| 4H  | 17.5             | 18.2 | 17.8 | 18.4 | 18.6                | 18.0           | 18.7 | 18.3                   | 18.9 | 19.1 |
| 6H  | 17.5             | 18.1 | 17.8 | 18.3 | 18.6                | 17.9           | 18.6 | 18.2                   | 18.8 | 19.1 |
| 8H  | 17.4             | 18.0 | 17.7 | 18.3 | 18.6                | 17.9           | 18.5 | 18.2                   | 18.8 | 19.0 |
| 12H   | 17.4             | 18.0 | 17.7 | 18.2 | 18.5                | 17.9           | 18.5 | 18.2                   | 18.7 | 19.0 |
| 4H 2H   | 17.4             | 18.1 | 17.7 | 18.3 | 18.5                | 17.9           | 18.6 | 18.1                   | 18.8 | 19.0 |
| 3H  | 17.5             | 18.1 | 17.8 | 18.4 | 18.7                | 18.0           | 18.6 | 18.3                   | 18.8 | 19.1 |
| 4H  | 17.5             | 18.1 | 17.9 | 18.4 | 18.7                | 18.0           | 18.5 | 18.3                   | 18.8 | 19.1 |
| 6H  | 17.5             | 17.9 | 17.8 | 18.3 | 18.6                | 17.9           | 18.4 | 18.3                   | 18.7 | 19.1 |
| 8H  | 17.4             | 17.9 | 17.8 | 18.2 | 18.6                | 17.9           | 18.3 | 18.2                   | 18.7 | 19.0 |
| 12H   | 17.4             | 17.8 | 17.8 | 18.1 | 18.5                | 17.8           | 18.2 | 18.2                   | 18.6 | 19.0 |
| 8H 4H   | 17.4             | 17.9 | 17.8 | 18.2 | 18.6                | 17.8           | 18.3 | 18.2                   | 18.6 | 19.0 |
| 6H  | 17.4             | 17.7 | 17.8 | 18.1 | 18.5                | 17.8           | 18.2 | 18.2                   | 18.6 | 19.0 |
| 8H  | 17.3             | 17.6 | 17.8 | 18.0 | 18.5                | 17.7           | 18.1 | 18.2                   | 18.5 | 18.9 |
| 12H   | 17.2             | 17.5 | 17.7 | 18.0 | 18.4                | 17.7           | 18.0 | 18.2                   | 18.4 | 18.9 |
| 12H 4H  | 17.4             | 17.8 | 17.8 | 18.1 | 18.5                | 17.8           | 18.2 | 18.2                   | 18.6 | 19.0 |
| 6H  | 17.3             | 17.6 | 17.7 | 18.0 | 18.5                | 17.7           | 18.1 | 18.2                   | 18.5 | 18.9 |
| 8H  | 17.3             | 17.5 | 17.7 | 18.0 | 18.4                | 17.7           | 18.0 | 18.2                   | 18.4 | 18.9 |
| Variations with the observer position at spacings(CIE Pub.117):                   |                  |      |      |      |                     |                |      |                        |      |      |
| S = 1.0H  | + 2.4 / - 3.0    |      |      |      |                     | + 2.8 / - 3.1  |      |                        |      |      |
| 1.5H  | + 4.3 / - 2.6    |      |      |      |                     | + 4.8 / - 2.6  |      |                        |      |      |
| 2.0H  | + 1.9 / - 1.0    |      |      |      |                     | + 2.0 / - 1.1  |      |                        |      |      |

CIE Pub.117, 663.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.4)  
Area: 0.000572265 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
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Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

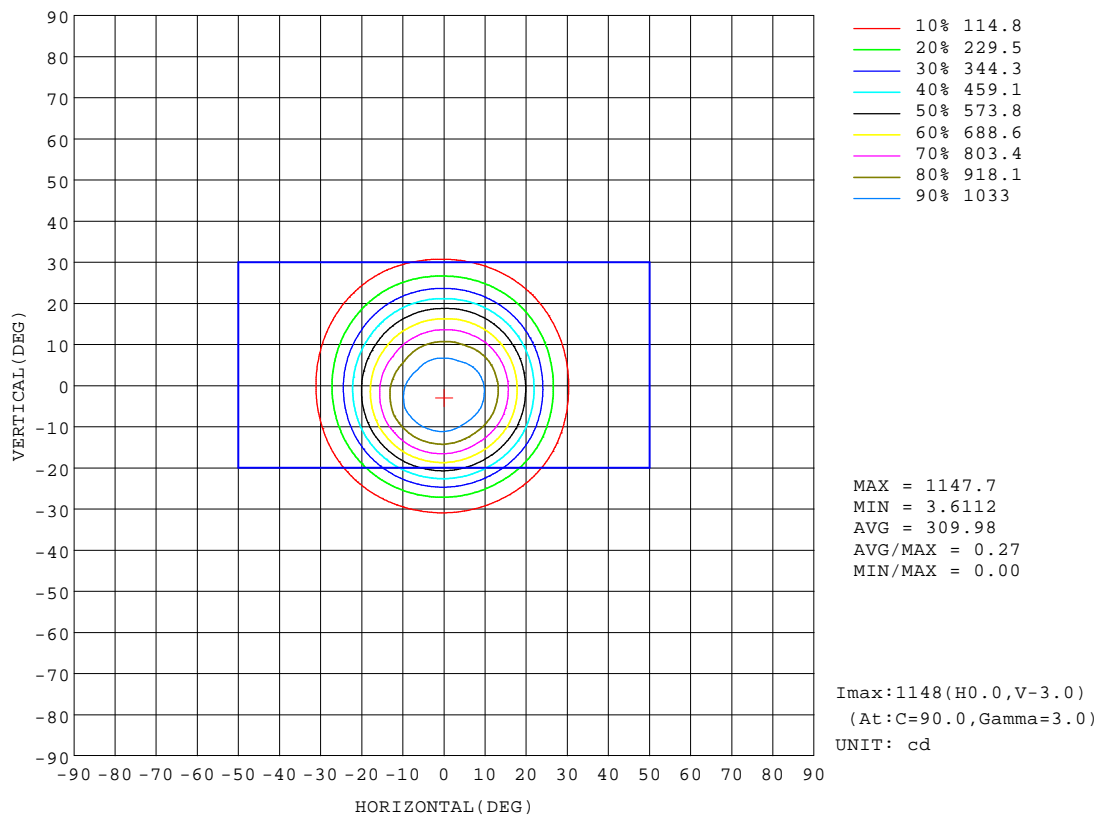
| REFLECTANCE                      |   |     |           |     |     |     |     |               |     |        |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8   | 0.8 | 0.8       | 0.7 | 0.7 | 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                         | 70  | 66  | 63        | 70  | 66  | 63  | 69  | 65            | 63  | 60     |
| 0.80                             | 76  | 72  | 69        | 75  | 71  | 69  | 74  | 71            | 68  | 66     |
| 1.00                             | 79  | 75  | 72        | 78  | 74  | 72  | 77  | 74            | 72  | 69     |
| 1.25                             | 82  | 78  | 75        | 81  | 78  | 75  | 79  | 77            | 75  | 71     |
| 1.50                             | 84  | 80  | 78        | 83  | 80  | 77  | 81  | 79            | 77  | 73     |
| 2.00                             | 86  | 82  | 80        | 84  | 82  | 80  | 82  | 80            | 78  | 74     |
| 2.50                             | 87  | 84  | 82        | 86  | 83  | 81  | 83  | 81            | 80  | 75     |
| 3.00                             | 88  | 85  | 83        | 86  | 84  | 83  | 84  | 82            | 81  | 76     |
| 4.00                             | 89  | 87  | 86        | 88  | 86  | 85  | 85  | 84            | 83  | 77     |
| 5.00                             | 90  | 89  | 87        | 89  | 87  | 86  | 86  | 85            | 84  | 78     |
| ROOM INDEX                       | UF(total)   |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |   |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

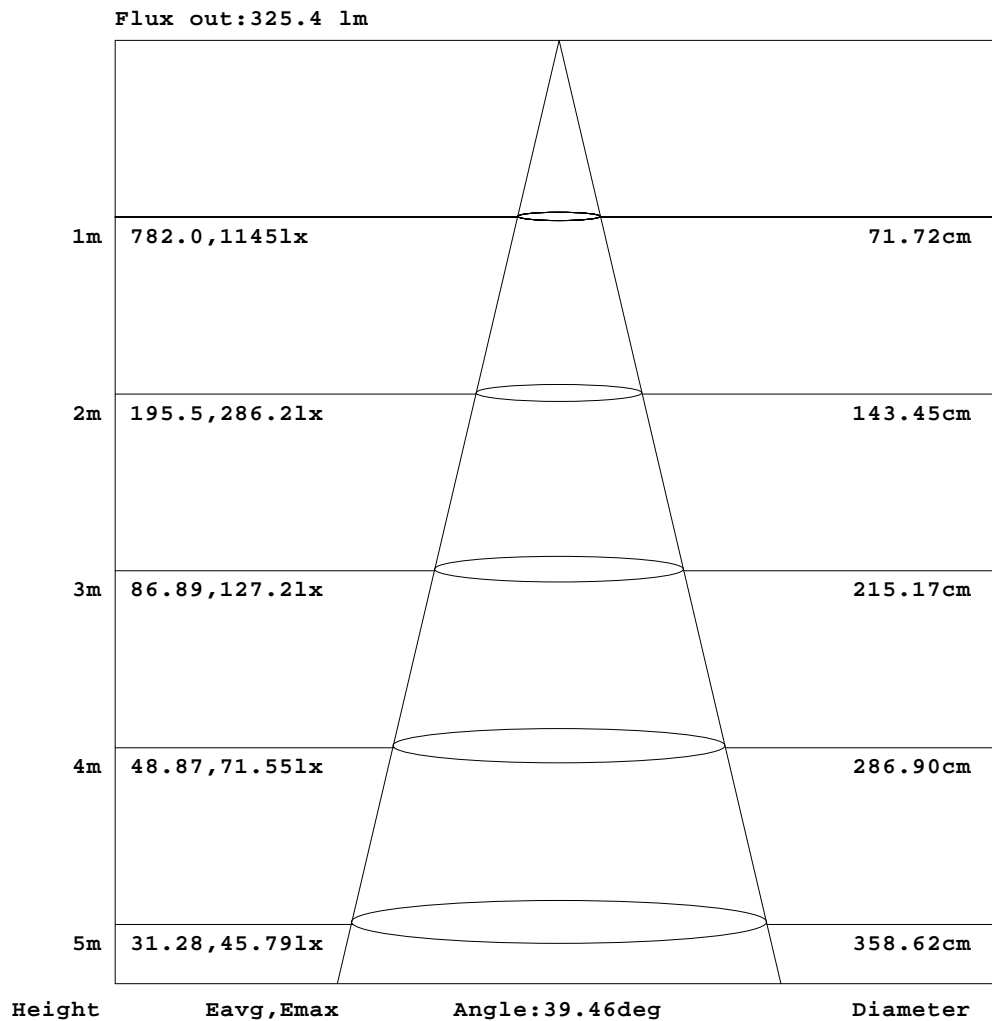


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CXB1304-0000-000F0UA430G Ra: 90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## AAI Figure

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |



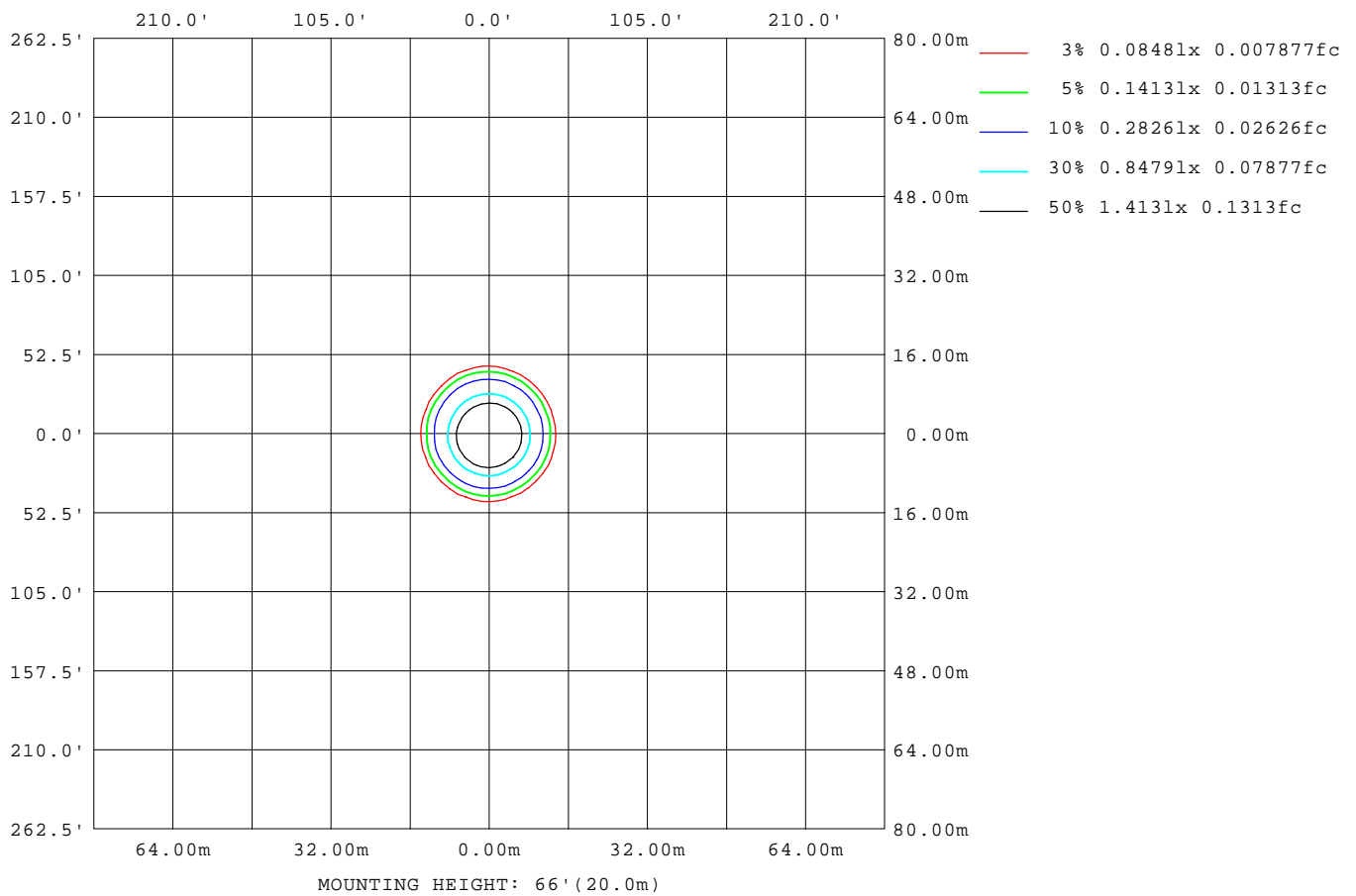
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## LED Avg.L Report

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

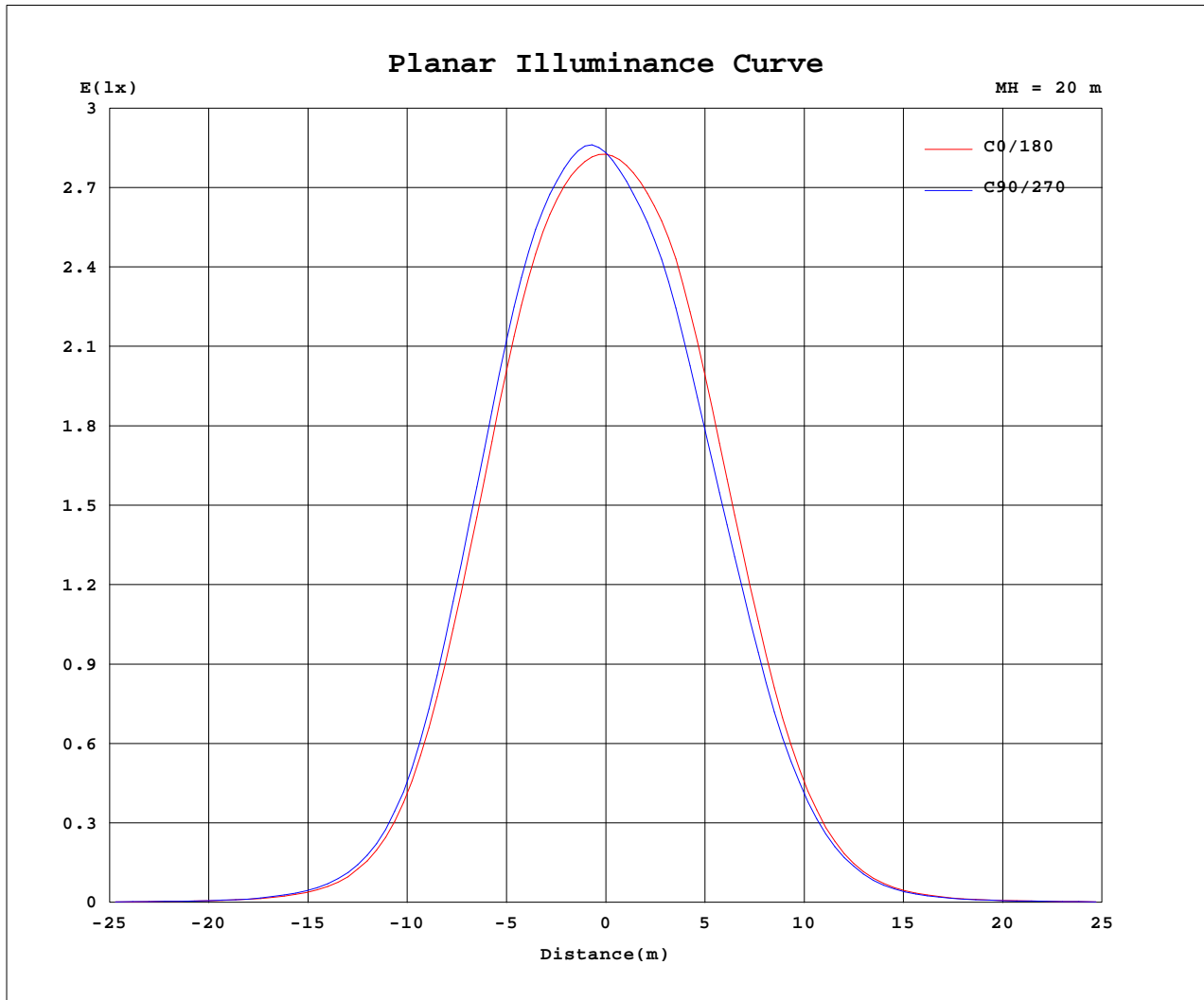
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 9385  |
| L_0~180(75)av  | 4797  |
| L_0~180(85)av  | 1000  |
| L_90~270(65)av | 9370  |
| L_90~270(75)av | 4790  |
| L_90~270(85)av | 953   |
| L_45(65)av     | 9357  |
| L_45(75)av     | 4772  |
| L_45(85)av     | 883   |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90  
LENS: PM-1084B 36R  
DRIVER: KEDH009S0350NR12A1 350mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: zoe  
 Test Date: 2023-6-3

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: CXB1304-0000-000F0UA430G Ra:90  
 LENS: PM-1084B 36R  
 DRIVER: KEDH009S0350NR12A1 350mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:220.14V I:0.0376A P:7.5748W PF:0.9110 Freq:49.99Hz<br>Lamp Flux:663.4x1 lm |                     |                        |
| NAME: 2318.203-ACOT-96  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2306030725 |
| MFR.: RISE  | SUR.: 0.000572265m2 | Shielding Angle:       |

Table--1

UNIT: cd

| C(DEC)<br>(DEC) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0               | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 |  |  |  |  |  |  |
| 5               | 1113 | 1128 | 1131 | 1137 | 1136 | 1127 | 1103 | 1078 | 1068 | 1062 | 1067 | 1089 |  |  |  |  |  |  |
| 10              | 1028 | 1046 | 1046 | 1065 | 1061 | 1055 | 1021 | 966  | 950  | 940  | 950  | 996  |  |  |  |  |  |  |
| 15              | 837  | 861  | 863  | 886  | 889  | 875  | 830  | 774  | 748  | 740  | 760  | 797  |  |  |  |  |  |  |
| 20              | 567  | 593  | 598  | 618  | 620  | 607  | 577  | 539  | 521  | 513  | 525  | 540  |  |  |  |  |  |  |
| 25              | 299  | 319  | 316  | 330  | 332  | 329  | 321  | 306  | 299  | 287  | 286  | 289  |  |  |  |  |  |  |
| 30              | 122  | 131  | 130  | 137  | 139  | 142  | 143  | 141  | 140  | 130  | 125  | 121  |  |  |  |  |  |  |
| 35              | 44.5 | 47.9 | 48.7 | 52.0 | 52.9 | 53.7 | 52.9 | 51.8 | 51.4 | 48.1 | 45.3 | 43.2 |  |  |  |  |  |  |
| 40              | 17.9 | 19.1 | 19.2 | 20.5 | 21.1 | 21.4 | 20.8 | 19.3 | 19.5 | 18.4 | 18.4 | 17.2 |  |  |  |  |  |  |
| 45              | 8.60 | 8.82 | 8.77 | 9.03 | 9.56 | 9.59 | 9.27 | 8.91 | 8.95 | 9.05 | 8.99 | 8.66 |  |  |  |  |  |  |
| 50              | 5.15 | 5.25 | 5.35 | 5.49 | 5.59 | 5.61 | 5.40 | 5.26 | 5.27 | 5.29 | 5.33 | 5.12 |  |  |  |  |  |  |
| 55              | 3.81 | 3.90 | 3.98 | 4.10 | 4.12 | 4.06 | 3.95 | 3.85 | 3.79 | 3.80 | 3.82 | 3.77 |  |  |  |  |  |  |
| 60              | 3.14 | 3.21 | 3.26 | 3.33 | 3.37 | 3.35 | 3.27 | 3.18 | 3.13 | 3.12 | 3.11 | 3.09 |  |  |  |  |  |  |
| 65              | 2.14 | 2.21 | 2.25 | 2.33 | 2.39 | 2.43 | 2.40 | 2.32 | 2.26 | 2.20 | 2.14 | 2.10 |  |  |  |  |  |  |
| 70              | 1.26 | 1.30 | 1.33 | 1.38 | 1.42 | 1.46 | 1.46 | 1.43 | 1.40 | 1.34 | 1.29 | 1.25 |  |  |  |  |  |  |
| 75              | 0.64 | 0.66 | 0.67 | 0.71 | 0.75 | 0.77 | 0.78 | 0.76 | 0.75 | 0.71 | 0.66 | 0.63 |  |  |  |  |  |  |
| 80              | 0.24 | 0.25 | 0.27 | 0.29 | 0.31 | 0.33 | 0.34 | 0.32 | 0.31 | 0.28 | 0.25 | 0.23 |  |  |  |  |  |  |
| 85              | 0.04 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 |  |  |  |  |  |  |
| 90              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 95              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 100             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 105             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 110             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 115             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 120             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 125             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 130             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 135             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 140             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 145             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 150             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 155             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 160             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 165             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 170             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 175             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 180             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-6-3

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
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