

Luminaire Photograph



| | | |
|---------------------|--------|--------------------------|
| Light Output Ratio: | 73.9% | |
| Luminaire Power: | 7.54 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.60 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2022-9-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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

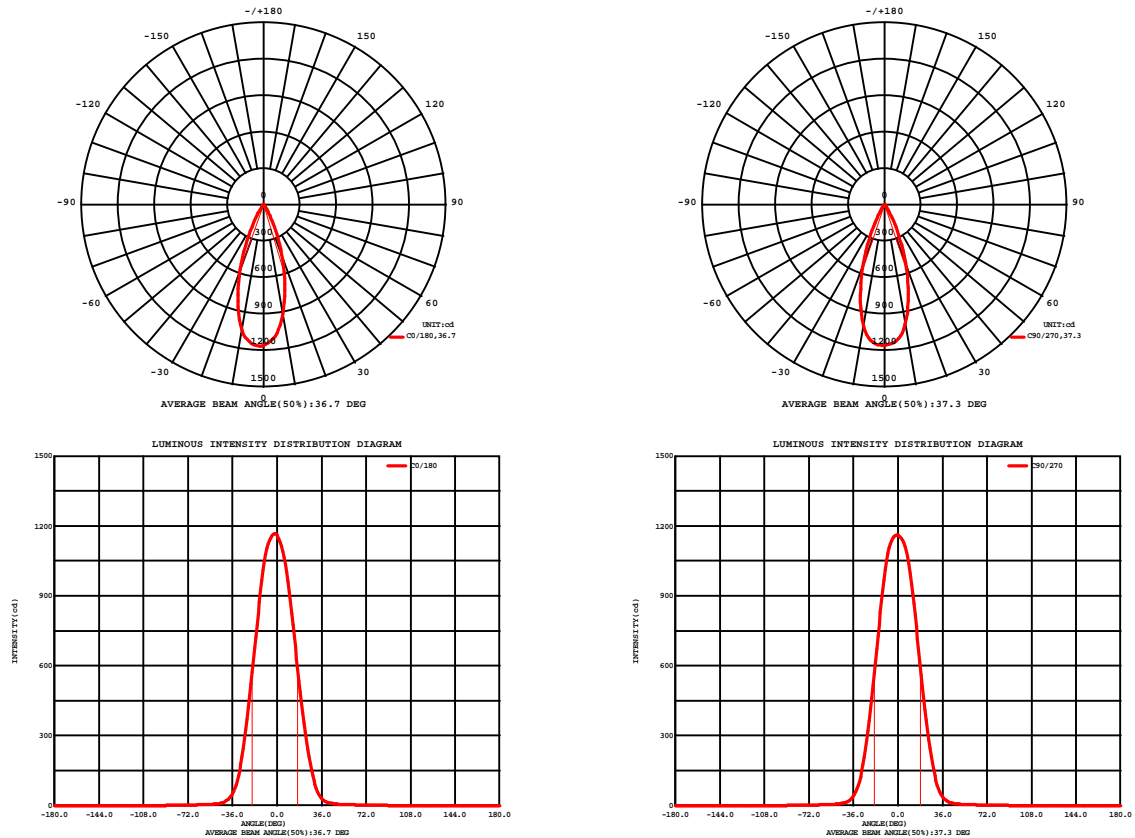


Fig. C0/C180

Fig. C90/C270

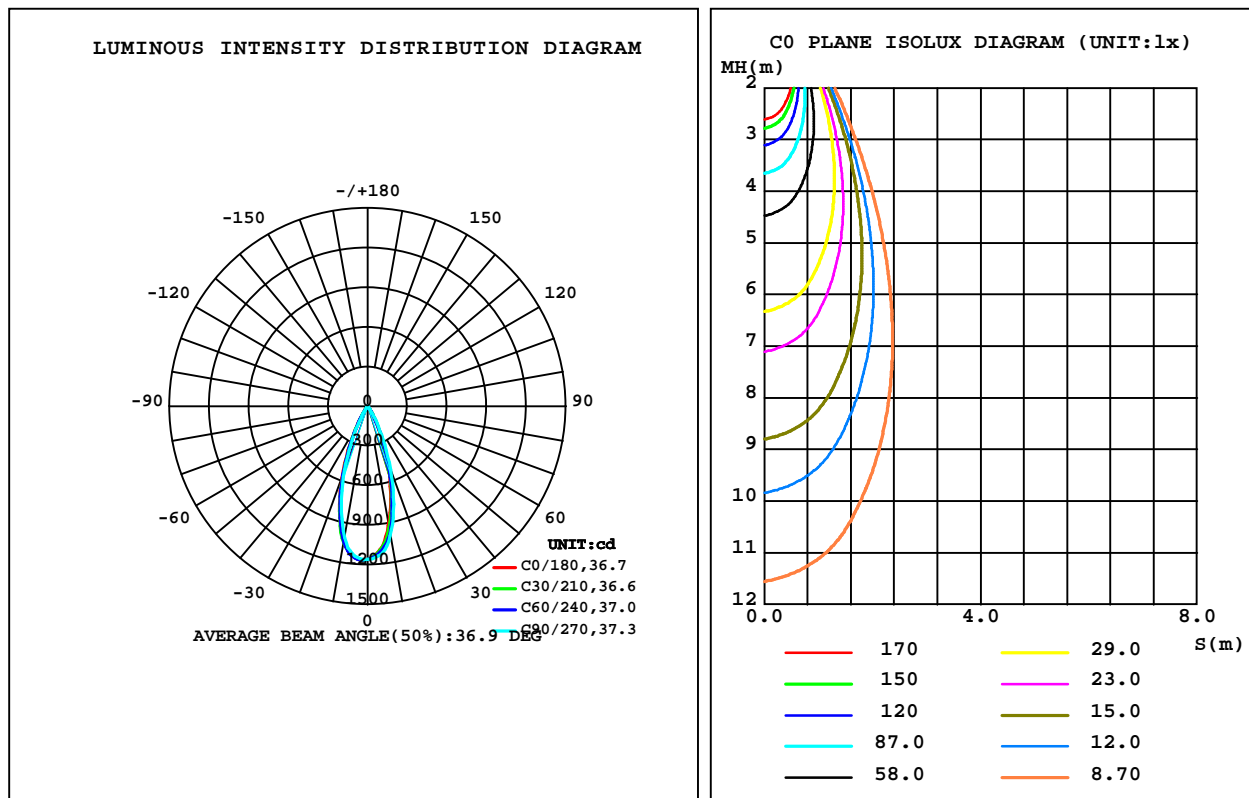
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30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|---------------|-----------------------|
| Test:U:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 65.00 lm/W | | | |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL | CREE | I _{max} (cd) | 1167 | S/MH(C0/180) | 0.63 |
| NOMINAL POWER(W) | 7 | LOR(%) | 73.9 | S/MH(C90/270) | 0.60 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 490.12 | h UP,DN(C0-180) | 0.0,36.1 |
| NOMINAL FLUX(lm) | 663.403 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.0,37.7 |
| LAMPS INSIDE | 1 | h up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 220 | h down(%) | 73.9 | CIBSE SHR MAX | 0.60 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zoe
 Test Date:2022-9-17

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 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:

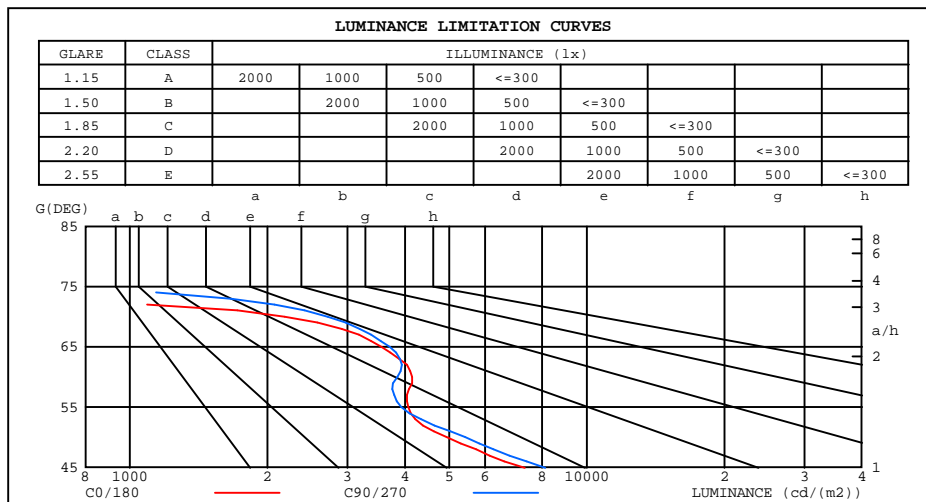
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 915.2 | 958.7 | 997.2 | 1032 | 1047 | 1052 | 1009 | 967.3 | 0- 10 | 103.6 | 103.6 | 21.1,15.6 |
| 20 | 442.2 | 456.2 | 510.5 | 537.0 | 572.3 | 549.0 | 514.1 | 460.9 | 10- 20 | 207.6 | 311.2 | 63.5,46.9 |
| 30 | 106.0 | 113.4 | 128.0 | 139.4 | 150.6 | 138.5 | 123.2 | 112.5 | 20- 30 | 129.3 | 440.5 | 89.9,66.4 |
| 40 | 15.07 | 17.33 | 19.02 | 22.21 | 23.04 | 22.70 | 17.63 | 17.58 | 30- 40 | 34.67 | 475.2 | 96.9,71.6 |
| 50 | 5.077 | 5.710 | 5.586 | 6.004 | 6.058 | 6.297 | 5.525 | 5.728 | 40- 50 | 7.889 | 483.1 | 98.6,72.8 |
| 60 | 3.320 | 3.383 | 3.080 | 3.270 | 3.041 | 3.435 | 3.269 | 3.469 | 50- 60 | 3.799 | 486.9 | 99.3,73.4 |
| 70 | 1.196 | 1.569 | 1.484 | 1.823 | 1.703 | 1.816 | 1.362 | 1.531 | 60- 70 | 2.568 | 489.4 | 99.9,73.8 |
| 80 | 0.0980 | 0.1152 | 0.1383 | 0.1642 | 0.1652 | 0.1473 | 0.1186 | 0.1043 | 70- 80 | 0.6430 | 490.1 | 100,73.9 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0616 | 490.1 | 100,73.9 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 490.1 | 100,73.9 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 490.1 | 100,73.9 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 490.1 | 100,73.9 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 490.1 | 100,73.9 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 490.1 | 100,73.9 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 490.1 | 100,73.9 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 490.1 | 100,73.9 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 490.1 | 100,73.9 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 490.1 | 100,73.9 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 249 | 431 |
| 80 | 353 | 498 |
| 75 | 477 | 702 |
| 70 | 2188 | 2711 |
| 65 | 3553 | 3703 |
| 60 | 4155 | 3849 |
| 55 | 4077 | 3930 |
| 50 | 4942 | 5429 |
| 45 | 7310 | 8117 |

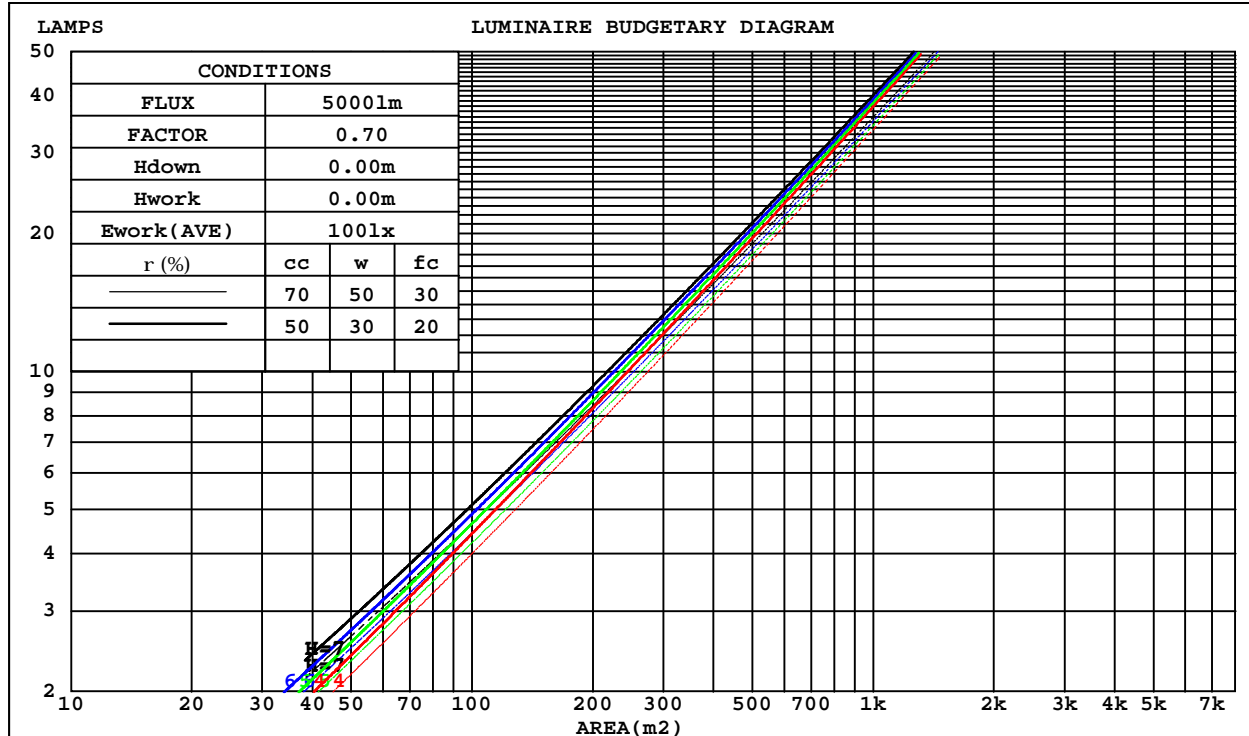
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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G Range: 0 - 180DEG
G Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:CXB1304-0000-000F0UA430G Ra:90
LENS: PM-1084B 36R
DRIVER: KEDH009S0350NR12A1 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------------|-----------------------|
| Test:U:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | .88 | .88 | .88 | .86 | .86 | .86 | .82 | .82 | .82 | .79 | .79 | .79 | .75 | .75 | .75 | .74 |
| 1.0 | .83 | .81 | .80 | .81 | .80 | .78 | .78 | .77 | .76 | .75 | .75 | .74 | .73 | .72 | .72 | .70 |
| 2.0 | .78 | .76 | .73 | .77 | .75 | .73 | .75 | .73 | .71 | .72 | .71 | .70 | .70 | .69 | .68 | .67 |
| 3.0 | .74 | .71 | .68 | .73 | .70 | .68 | .71 | .69 | .67 | .69 | .67 | .66 | .68 | .66 | .65 | .64 |
| 4.0 | .70 | .67 | .64 | .70 | .66 | .64 | .68 | .65 | .63 | .67 | .64 | .63 | .65 | .63 | .62 | .61 |
| 5.0 | .67 | .63 | .61 | .66 | .63 | .61 | .65 | .62 | .60 | .64 | .62 | .60 | .63 | .61 | .59 | .58 |
| 6.0 | .64 | .60 | .58 | .63 | .60 | .58 | .62 | .59 | .57 | .61 | .59 | .57 | .61 | .58 | .57 | .56 |
| 7.0 | .61 | .58 | .55 | .61 | .57 | .55 | .60 | .57 | .55 | .59 | .56 | .54 | .58 | .56 | .54 | .53 |
| 8.0 | .59 | .55 | .53 | .58 | .55 | .53 | .58 | .55 | .52 | .57 | .54 | .52 | .56 | .54 | .52 | .51 |
| 9.0 | .56 | .53 | .50 | .56 | .53 | .50 | .55 | .52 | .50 | .55 | .52 | .50 | .54 | .52 | .50 | .49 |
| 10.0 | .54 | .51 | .48 | .54 | .51 | .48 | .53 | .50 | .48 | .53 | .50 | .48 | .52 | .50 | .48 | .47 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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

WEC AND CCEC

| | | |
|--|---------------|-----------------------|
| Test:U:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC) | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .114 | .065 | .021 | .109 | .062 | .020 | .100 | .057 | .018 | .091 | .053 | .017 | .084 | .048 | .016 | |
| 2.0 | .107 | .059 | .018 | .103 | .057 | .018 | .096 | .053 | .016 | .088 | .050 | .016 | .082 | .046 | .015 | |
| 3.0 | .101 | .054 | .016 | .098 | .052 | .016 | .091 | .049 | .015 | .085 | .047 | .014 | .080 | .044 | .014 | |
| 4.0 | .095 | .050 | .015 | .092 | .048 | .014 | .087 | .046 | .014 | .082 | .044 | .013 | .077 | .042 | .013 | |
| 5.0 | .090 | .046 | .013 | .088 | .045 | .013 | .083 | .043 | .013 | .079 | .042 | .012 | .075 | .040 | .012 | |
| 6.0 | .086 | .043 | .012 | .084 | .042 | .012 | .080 | .041 | .012 | .076 | .039 | .012 | .072 | .038 | .011 | |
| 7.0 | .082 | .041 | .011 | .080 | .040 | .011 | .077 | .039 | .011 | .073 | .037 | .011 | .070 | .036 | .011 | |
| 8.0 | .078 | .038 | .011 | .077 | .038 | .011 | .074 | .037 | .010 | .071 | .036 | .010 | .068 | .035 | .010 | |
| 9.0 | .075 | .036 | .010 | .074 | .036 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .066 | .033 | .010 | |
| 10.0 | .072 | .035 | .010 | .071 | .034 | .010 | .068 | .033 | .009 | .066 | .033 | .009 | .064 | .032 | .009 | |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .141 | .141 | .141 | .120 | .120 | .120 | .082 | .082 | .082 | .047 | .047 | .047 | .015 | .015 | .015 | |
| 1.0 | .125 | .116 | .108 | .107 | .100 | .093 | .073 | .069 | .064 | .042 | .040 | .038 | .014 | .013 | .012 | |
| 2.0 | .113 | .098 | .086 | .097 | .084 | .074 | .066 | .058 | .052 | .038 | .034 | .030 | .012 | .011 | .010 | |
| 3.0 | .103 | .084 | .069 | .088 | .072 | .060 | .060 | .050 | .042 | .035 | .029 | .025 | .011 | .010 | .008 | |
| 4.0 | .094 | .073 | .056 | .081 | .063 | .049 | .055 | .044 | .034 | .032 | .026 | .020 | .010 | .008 | .007 | |
| 5.0 | .087 | .064 | .047 | .075 | .055 | .041 | .051 | .039 | .029 | .030 | .023 | .017 | .010 | .007 | .006 | |
| 6.0 | .081 | .057 | .039 | .069 | .049 | .034 | .048 | .034 | .024 | .028 | .020 | .014 | .009 | .007 | .005 | |
| 7.0 | .076 | .051 | .033 | .065 | .044 | .029 | .045 | .031 | .021 | .026 | .018 | .012 | .008 | .006 | .004 | |
| 8.0 | .071 | .046 | .029 | .061 | .040 | .025 | .042 | .028 | .018 | .025 | .017 | .011 | .008 | .005 | .004 | |
| 9.0 | .067 | .042 | .025 | .058 | .036 | .022 | .040 | .026 | .015 | .023 | .015 | .009 | .008 | .005 | .003 | |
| 10.0 | .064 | .039 | .022 | .055 | .033 | .019 | .038 | .024 | .014 | .022 | .014 | .008 | .007 | .005 | .003 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|---------------|----------------|------|-----------------------|------|------|
| Test:U:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | | | | | | | | | |
| NAME: 2218.117-ACOT-96 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:3000K | | | | | DIM.: | | | SERIAL No.:2209170916 | | |
| MFR.: RISE | | | | | SUR.:0.0016m2 | | | 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 | 12.2 | 13.0 | 12.4 | 13.1 | 13.3 | 12.8 | 13.6 | 13.0 | 13.8 | 13.9 |
| 3H | 12.3 | 13.0 | 12.6 | 13.2 | 13.4 | 13.0 | 13.7 | 13.2 | 13.9 | 14.1 |
| 4H | 12.3 | 12.9 | 12.5 | 13.1 | 13.4 | 12.9 | 13.6 | 13.2 | 13.8 | 14.0 |
| 6H | 12.2 | 12.8 | 12.5 | 13.0 | 13.3 | 12.8 | 13.5 | 13.1 | 13.7 | 13.9 |
| 8H | 12.1 | 12.7 | 12.4 | 13.0 | 13.3 | 12.8 | 13.4 | 13.1 | 13.6 | 13.9 |
| 12H | 12.1 | 12.7 | 12.4 | 12.9 | 13.2 | 12.7 | 13.3 | 13.1 | 13.6 | 13.9 |
| 4H 2H | 12.2 | 12.9 | 12.5 | 13.1 | 13.3 | 12.8 | 13.5 | 13.1 | 13.7 | 13.9 |
| 3H | 12.4 | 13.0 | 12.7 | 13.3 | 13.5 | 13.0 | 13.6 | 13.3 | 13.8 | 14.1 |
| 4H | 12.3 | 12.9 | 12.7 | 13.2 | 13.5 | 12.9 | 13.5 | 13.3 | 13.8 | 14.1 |
| 6H | 12.2 | 12.7 | 12.6 | 13.0 | 13.4 | 12.8 | 13.3 | 13.2 | 13.6 | 14.0 |
| 8H | 12.2 | 12.6 | 12.6 | 13.0 | 13.3 | 12.8 | 13.2 | 13.2 | 13.6 | 13.9 |
| 12H | 12.1 | 12.5 | 12.5 | 12.9 | 13.3 | 12.7 | 13.1 | 13.1 | 13.5 | 13.9 |
| 8H 4H | 12.2 | 12.7 | 12.6 | 13.0 | 13.4 | 12.8 | 13.3 | 13.2 | 13.6 | 14.0 |
| 6H | 12.1 | 12.5 | 12.5 | 12.9 | 13.3 | 12.7 | 13.1 | 13.1 | 13.5 | 13.9 |
| 8H | 12.1 | 12.4 | 12.5 | 12.8 | 13.2 | 12.7 | 13.0 | 13.1 | 13.4 | 13.8 |
| 12H | 12.0 | 12.3 | 12.5 | 12.7 | 13.2 | 12.6 | 12.9 | 13.1 | 13.3 | 13.8 |
| 12H 4H | 12.2 | 12.6 | 12.6 | 12.9 | 13.3 | 12.8 | 13.2 | 13.2 | 13.5 | 13.9 |
| 6H | 12.1 | 12.4 | 12.5 | 12.8 | 13.2 | 12.7 | 13.0 | 13.1 | 13.4 | 13.8 |
| 8H | 12.0 | 12.3 | 12.5 | 12.7 | 13.2 | 12.6 | 12.9 | 13.1 | 13.3 | 13.8 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 2.0 / - 2.6 | | | | | + 2.7 / - 3.0 | | | | |
| 1.5H | + 3.6 / - 2.4 | | | | | + 4.5 / - 2.5 | | | | |
| 2.0H | + 1.5 / - 1.2 | | | | | + 2.2 / - 1.3 | | | | |

CIE Pub.117, 663.4 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.4)
Area: 0.0016 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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

UTILIZATION FACTORS TABLE

| | | |
|--|---------------|-----------------------|
| Test:U:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

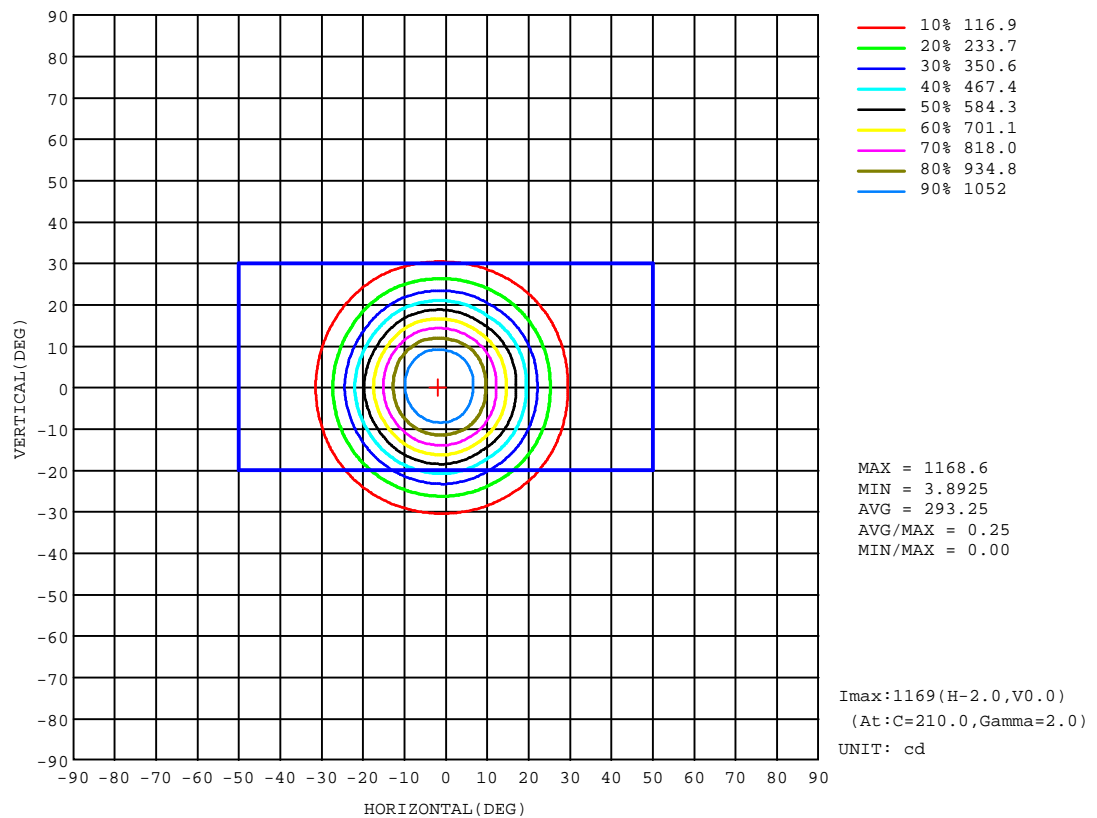
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 66 | 62 | 59 | 66 | 62 | 59 | 65 | 61 | 59 | 57 |
| 0.80 | 71 | 67 | 65 | 71 | 67 | 65 | 70 | 67 | 65 | 62 |
| 1.00 | 74 | 71 | 68 | 74 | 70 | 68 | 73 | 70 | 67 | 65 |
| 1.25 | 77 | 74 | 71 | 76 | 73 | 71 | 75 | 72 | 70 | 67 |
| 1.50 | 79 | 76 | 73 | 78 | 75 | 73 | 77 | 74 | 72 | 69 |
| 2.00 | 81 | 78 | 76 | 80 | 77 | 75 | 78 | 76 | 74 | 70 |
| 2.50 | 82 | 79 | 77 | 81 | 78 | 77 | 78 | 77 | 75 | 71 |
| 3.00 | 83 | 81 | 79 | 82 | 80 | 78 | 79 | 78 | 76 | 72 |
| 4.00 | 84 | 83 | 81 | 83 | 81 | 80 | 80 | 79 | 78 | 73 |
| 5.00 | 85 | 84 | 83 | 84 | 82 | 81 | 81 | 80 | 79 | 74 |
| 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:25.3DEG
 Operators:Zoe
 Test Date:2022-9-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 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:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

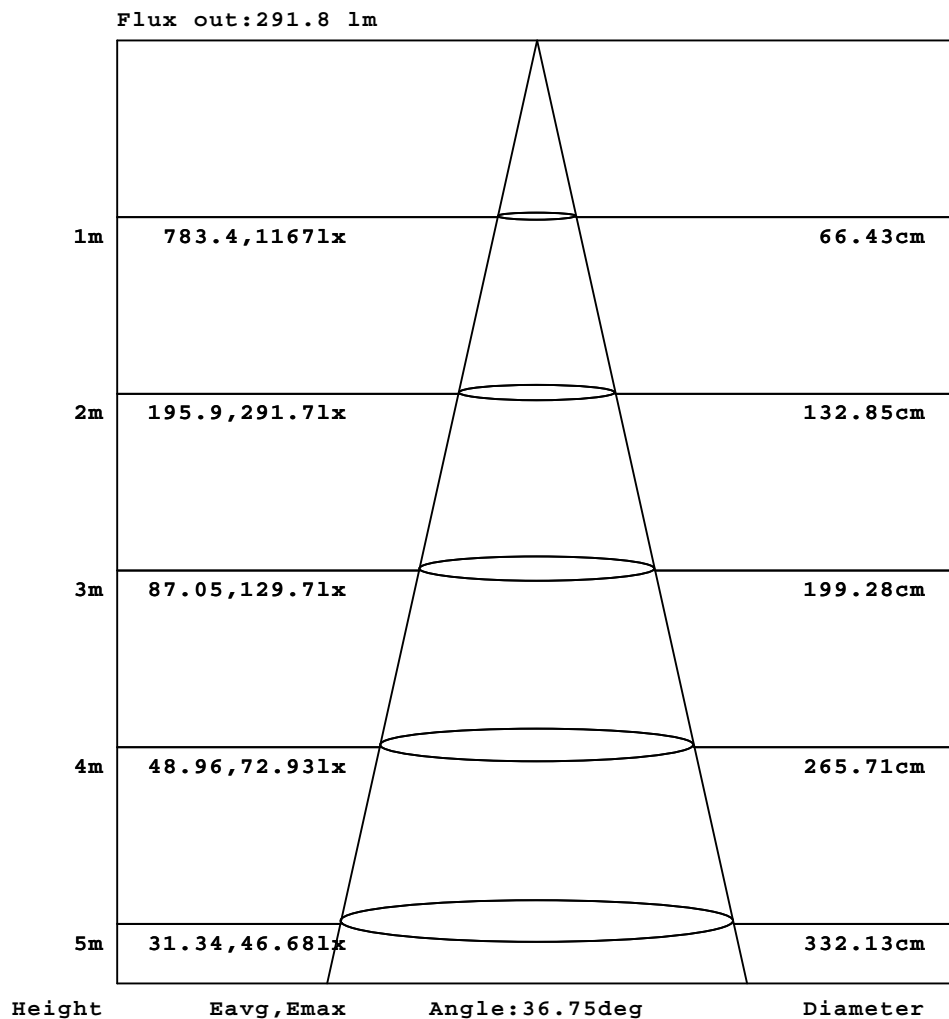


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |



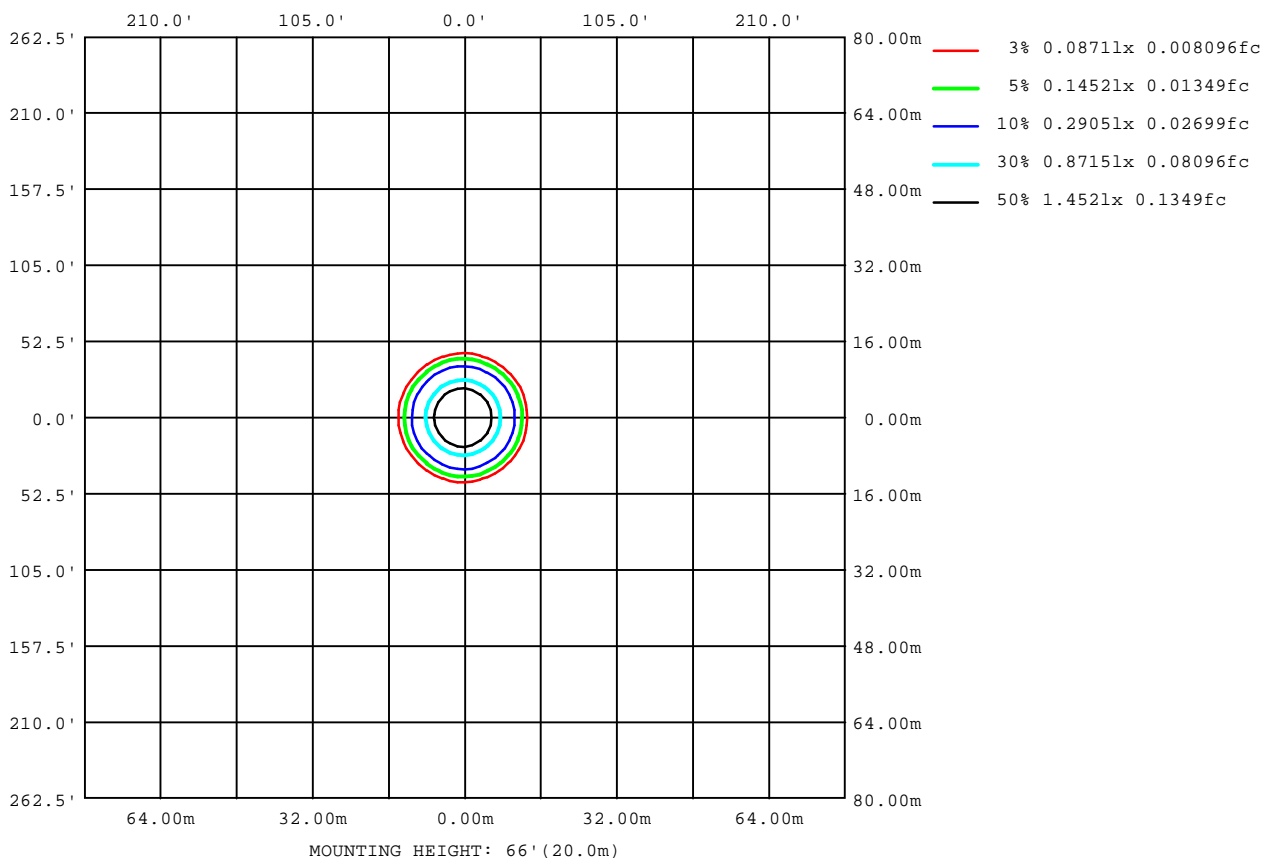
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

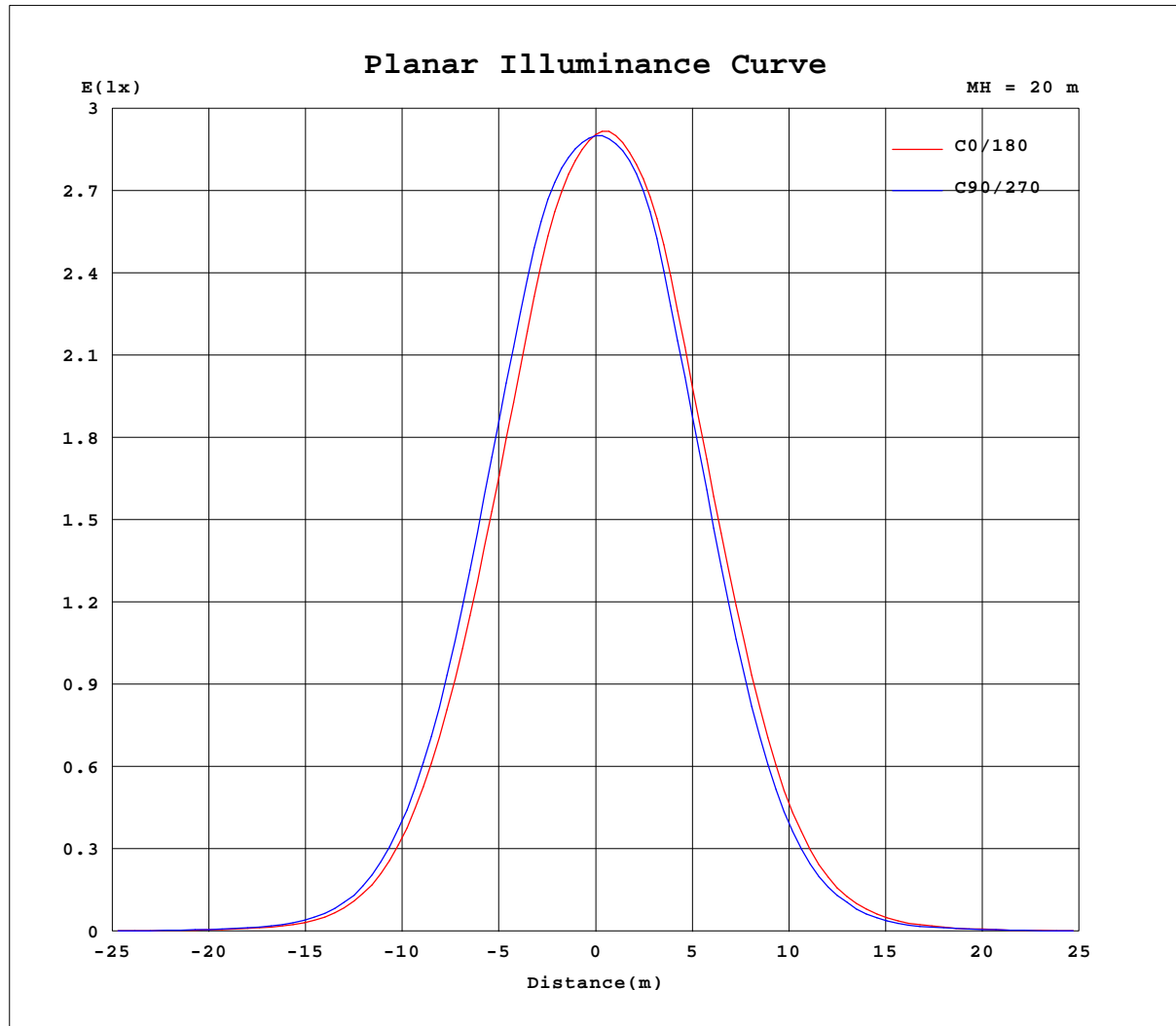
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 3713 |
| L_0~180(75)av | 909 |
| L_0~180(85)av | 397 |
| L_90~270(65)av | 3700 |
| L_90~270(75)av | 625 |
| L_90~270(85)av | 387 |
| L_45(65)av | 4151 |
| L_45(75)av | 1279 |
| L_45(85)av | 360 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2022-9-17

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
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: 25.3DEG
 Operators: Zoe
 Test Date: 2022-9-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 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:220.19V I:0.0374A P:7.5398W PF:0.9121 Freq:49.99Hz Lamp Flux:663.403x1 lm | | |
| NAME: 2218.117-ACOT-96 | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2209170916 |
| MFR.: RISE | SUR.:0.0016m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(°) g (°) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | | | | | | |
| 5 | 1090 | 1095 | 1109 | 1127 | 1136 | 1140 | 1148 | 1151 | 1152 | 1137 | 1119 | 1103 | | | | | | |
| 10 | 915 | 940 | 978 | 997 | 1024 | 1039 | 1047 | 1053 | 1050 | 1009 | 988 | 947 | | | | | | |
| 15 | 679 | 700 | 723 | 768 | 797 | 808 | 824 | 824 | 821 | 777 | 728 | 704 | | | | | | |
| 20 | 442 | 451 | 461 | 511 | 532 | 542 | 572 | 546 | 552 | 514 | 463 | 458 | | | | | | |
| 25 | 241 | 248 | 257 | 283 | 294 | 304 | 326 | 304 | 301 | 278 | 255 | 249 | | | | | | |
| 30 | 106 | 111 | 116 | 128 | 135 | 144 | 151 | 140 | 137 | 123 | 114 | 111 | | | | | | |
| 35 | 39.3 | 42.0 | 44.0 | 48.3 | 53.2 | 57.2 | 59.9 | 56.6 | 54.3 | 47.5 | 44.5 | 42.8 | | | | | | |
| 40 | 15.1 | 17.2 | 17.5 | 19.0 | 21.1 | 23.3 | 23.0 | 23.1 | 22.3 | 17.6 | 18.6 | 16.6 | | | | | | |
| 45 | 8.26 | 8.44 | 8.80 | 9.19 | 9.78 | 10.0 | 10.4 | 10.5 | 9.92 | 9.36 | 8.72 | 8.60 | | | | | | |
| 50 | 5.08 | 5.68 | 5.74 | 5.59 | 5.93 | 6.08 | 6.06 | 6.42 | 6.18 | 5.53 | 5.80 | 5.66 | | | | | | |
| 55 | 3.74 | 4.19 | 4.17 | 3.61 | 4.27 | 4.27 | 3.79 | 4.56 | 4.36 | 3.73 | 4.30 | 4.21 | | | | | | |
| 60 | 3.32 | 3.43 | 3.34 | 3.08 | 3.28 | 3.26 | 3.04 | 3.44 | 3.43 | 3.27 | 3.47 | 3.47 | | | | | | |
| 65 | 2.40 | 2.75 | 2.70 | 2.50 | 2.78 | 2.73 | 2.62 | 2.84 | 2.86 | 2.50 | 2.78 | 2.76 | | | | | | |
| 70 | 1.20 | 1.57 | 1.57 | 1.48 | 1.82 | 1.82 | 1.70 | 1.84 | 1.79 | 1.36 | 1.51 | 1.55 | | | | | | |
| 75 | 0.20 | 0.30 | 0.41 | 0.29 | 0.70 | 0.77 | 0.56 | 0.74 | 0.58 | 0.23 | 0.30 | 0.24 | | | | | | |
| 80 | 0.10 | 0.11 | 0.12 | 0.14 | 0.16 | 0.17 | 0.17 | 0.16 | 0.14 | 0.12 | 0.11 | 0.10 | | | | | | |
| 85 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.07 | 0.08 | 0.06 | 0.05 | 0.05 | 0.04 | 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
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Operators:Zoe
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