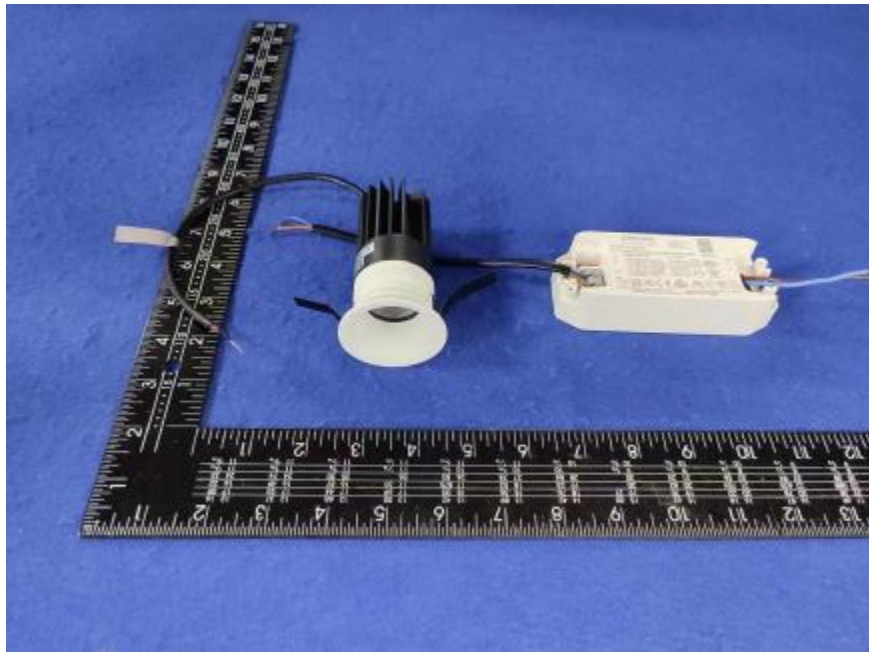


Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 81.1% | |
| Luminaire Power: | 11.93 W | |
| SHR Nominal: | 0.75 | Calculated using the TM5 |
| SHR Maximum: | 0.80 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-6-2

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: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER: 9290 028 088 250mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

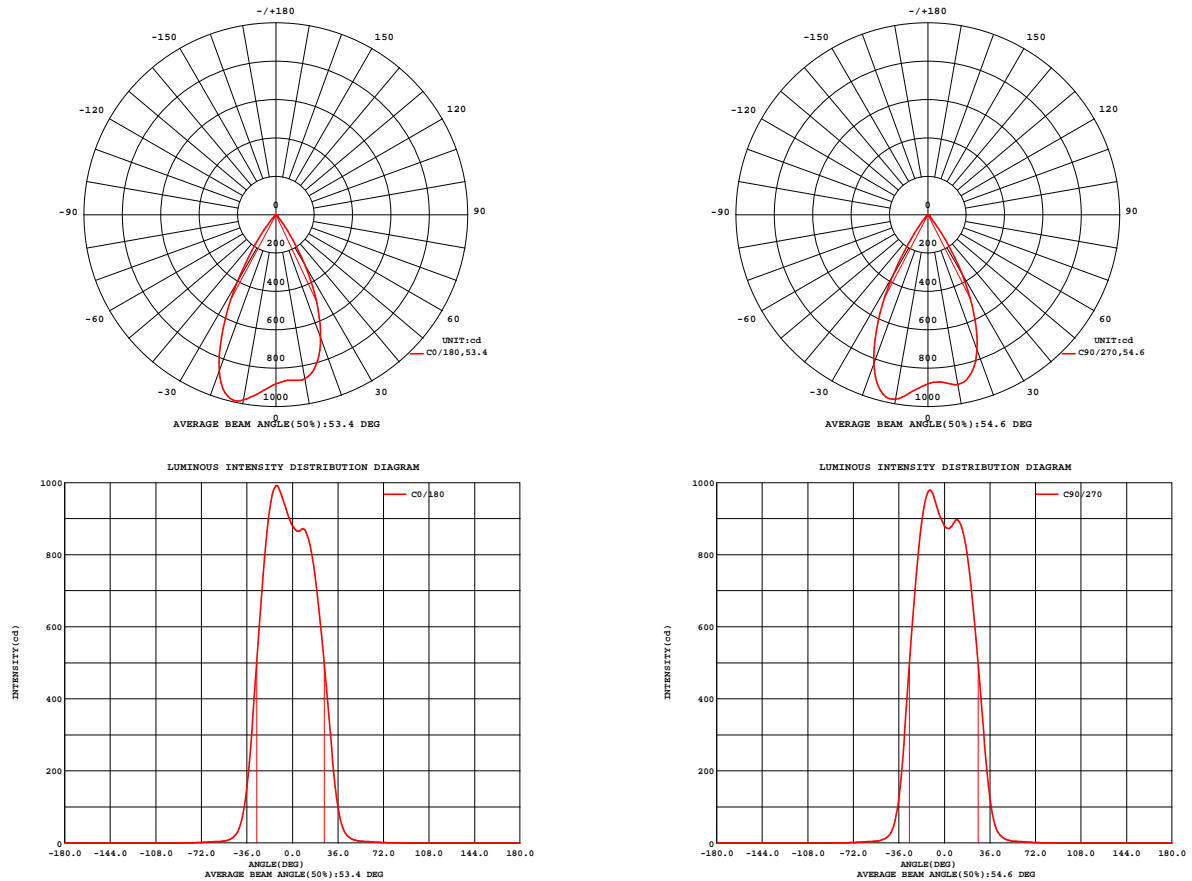


Fig. C0/C180

Fig. C90/C270

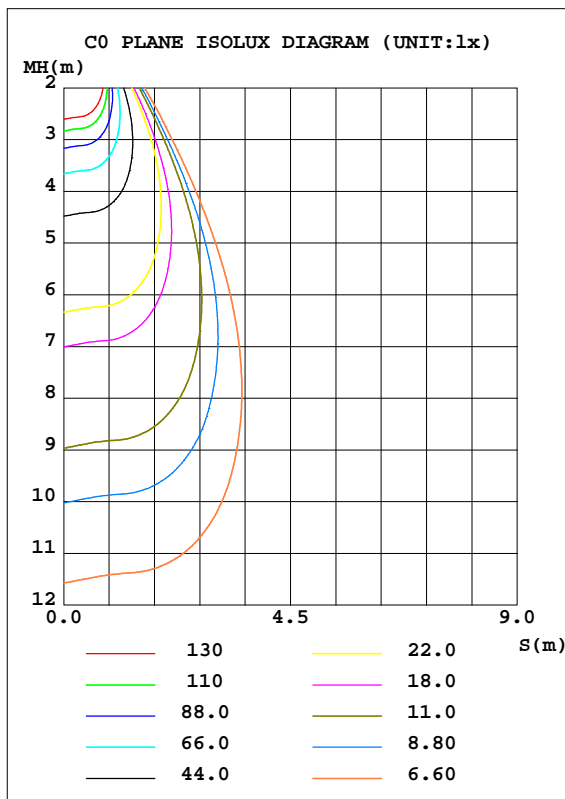
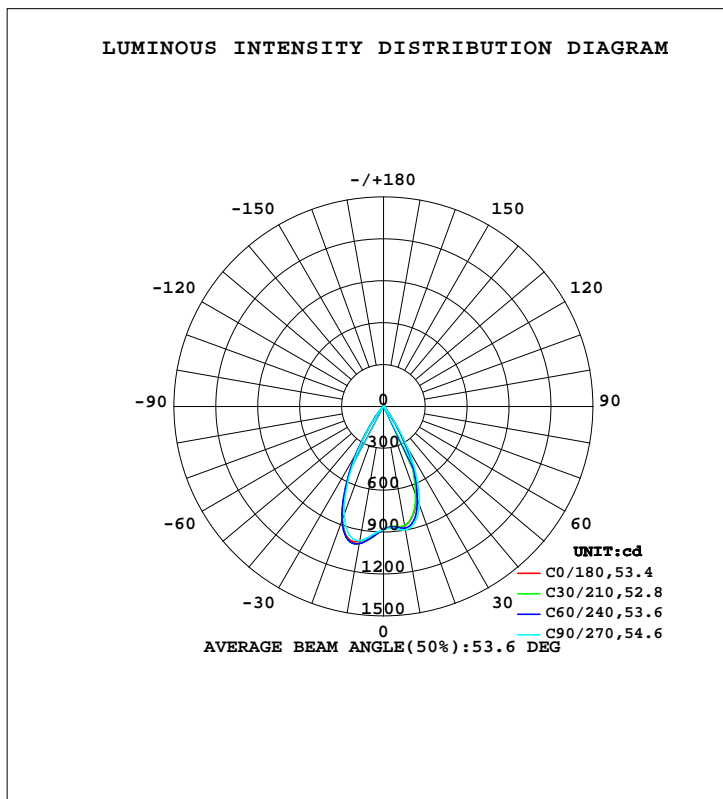
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-6-2

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: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER: 9290 028 088 250mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 60.95 lm/W | | | |
|------------------|---------|----------------------------------|--------|-----------------|----------|
| MODEL | CREE | I _{max} (cd) | 1006 | S/MH(C0/180) | 0.86 |
| NOMINAL POWER(W) | 12 | LOR(%) | 81.1 | S/MH(C90/270) | 0.84 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 727.15 | UP,DN(C0-180) | 0.0,39.0 |
| NOMINAL FLUX(lm) | 896.707 | CIE CLASS | DIRECT | UP,DN(C180-360) | 0.0,42.1 |
| LAMPS INSIDE | 1 | up(%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 220 | down(%) | 81.1 | CIBSE SHR MAX | 0.80 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

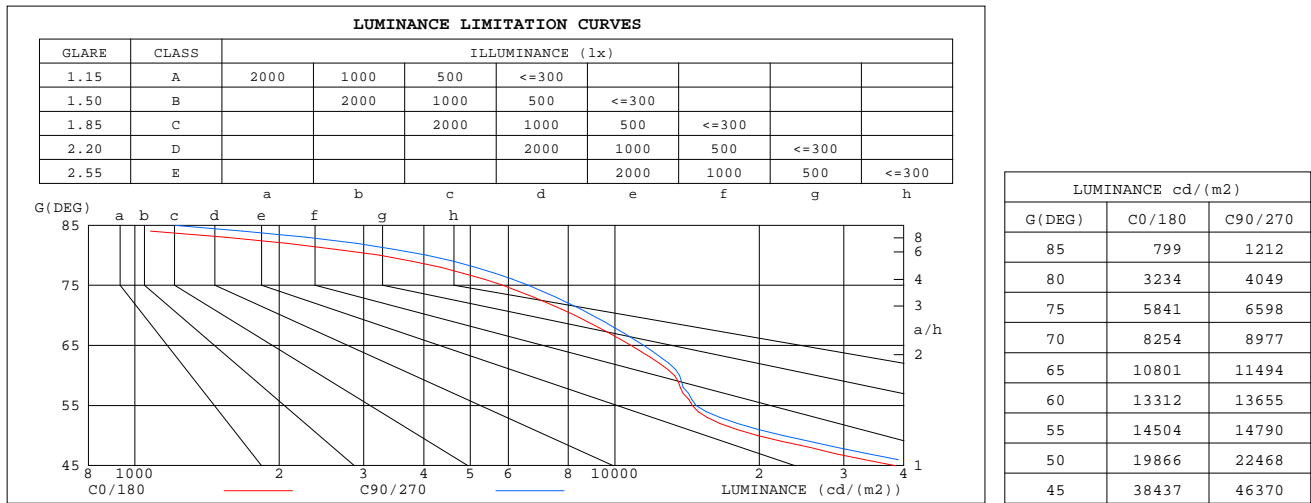
| | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | | zone | total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|-----------|
| 10 | 867.8 | 875.4 | 897.5 | 940.5 | 979.4 | 996.5 | 976.0 | 910.3 | 0- 10 | 86.90 | 86.90 | 12,9.69 |
| 20 | 681.7 | 693.7 | 749.3 | 817.5 | 864.4 | 868.4 | 824.0 | 743.7 | 10- 20 | 249.0 | 335.9 | 46.2,37.5 |
| 30 | 304.8 | 312.3 | 354.0 | 389.2 | 406.1 | 395.4 | 372.5 | 328.7 | 20- 30 | 262.0 | 597.9 | 82.2,66.7 |
| 40 | 41.51 | 43.71 | 51.45 | 59.74 | 64.49 | 56.99 | 47.79 | 42.40 | 30- 40 | 104.5 | 702.3 | 96.6,78.3 |
| 50 | 7.282 | 7.436 | 8.275 | 8.840 | 9.129 | 8.737 | 7.873 | 7.323 | 40- 50 | 16.23 | 718.6 | 98.8,80.1 |
| 60 | 3.796 | 3.837 | 3.912 | 3.997 | 3.912 | 3.810 | 3.788 | 3.795 | 50- 60 | 4.650 | 723.2 | 99.5,80.7 |
| 70 | 1.610 | 1.679 | 1.759 | 1.827 | 1.860 | 1.833 | 1.753 | 1.648 | 60- 70 | 2.744 | 726.0 | 99.8,81 |
| 80 | 0.3203 | 0.3439 | 0.4029 | 0.4563 | 0.4933 | 0.4771 | 0.4257 | 0.3473 | 70- 80 | 1.062 | 727.0 | 100,81.1 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.1269 | 727.2 | 100,81.1 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 727.2 | 100,81.1 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 727.2 | 100,81.1 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 727.2 | 100,81.1 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 727.2 | 100,81.1 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 727.2 | 100,81.1 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 727.2 | 100,81.1 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 727.2 | 100,81.1 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 727.2 | 100,81.1 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 727.2 | 100,81.1 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz
Lamp Flux:896.707x1 lm

NAME: 2318.203-ACOT-97

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

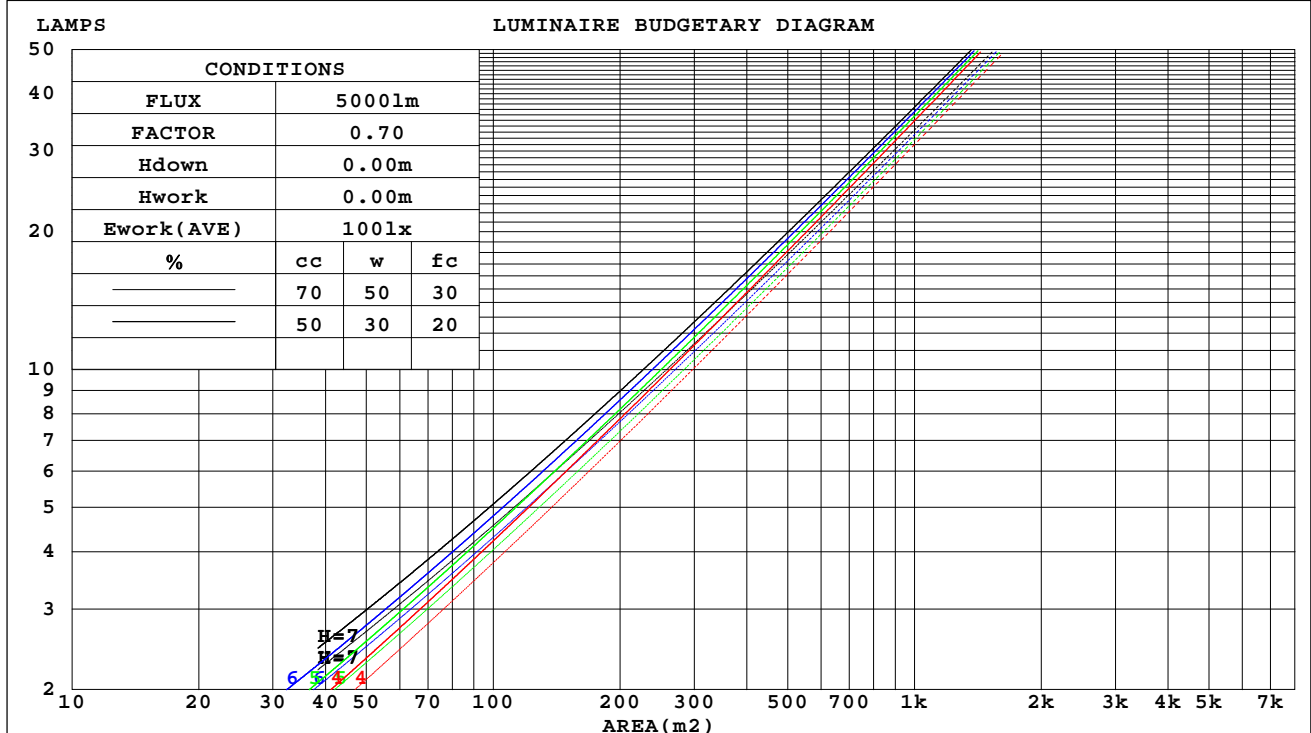
SERIAL No.: 2306020715

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 | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

WEC AND CCEC

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| 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 | .136 | .078 | .025 | .131 | .075 | .024 | .121 | .069 | .022 | .112 | .064 | .021 | .103 | .060 | .019 | | |
| 2.0 | .130 | .071 | .022 | .125 | .069 | .021 | .117 | .065 | .020 | .109 | .061 | .019 | .102 | .057 | .018 | | |
| 3.0 | .123 | .066 | .020 | .119 | .064 | .019 | .112 | .061 | .018 | .105 | .058 | .018 | .099 | .055 | .017 | | |
| 4.0 | .117 | .061 | .018 | .114 | .060 | .018 | .108 | .057 | .017 | .102 | .055 | .017 | .097 | .052 | .016 | | |
| 5.0 | .112 | .057 | .016 | .109 | .056 | .016 | .103 | .054 | .016 | .098 | .052 | .015 | .094 | .050 | .015 | | |
| 6.0 | .107 | .053 | .015 | .104 | .053 | .015 | .099 | .051 | .015 | .095 | .049 | .015 | .091 | .048 | .014 | | |
| 7.0 | .102 | .050 | .014 | .100 | .050 | .014 | .096 | .048 | .014 | .092 | .047 | .014 | .088 | .046 | .013 | | |
| 8.0 | .098 | .048 | .013 | .096 | .047 | .013 | .092 | .046 | .013 | .089 | .045 | .013 | .085 | .044 | .013 | | |
| 9.0 | .094 | .045 | .013 | .092 | .045 | .013 | .089 | .044 | .012 | .086 | .043 | .012 | .083 | .042 | .012 | | |
| 10.0 | .090 | .043 | .012 | .089 | .043 | .012 | .086 | .042 | .012 | .083 | .041 | .012 | .080 | .040 | .012 | | |

| 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 | .154 | .154 | .154 | .132 | .132 | .132 | .090 | .090 | .090 | .052 | .052 | .052 | .017 | .017 | .017 | |
| 1.0 | .138 | .128 | .118 | .118 | .110 | .102 | .081 | .075 | .070 | .047 | .044 | .041 | .015 | .014 | .013 | |
| 2.0 | .125 | .107 | .092 | .107 | .093 | .080 | .074 | .064 | .056 | .042 | .037 | .033 | .014 | .012 | .011 | |
| 3.0 | .115 | .092 | .074 | .099 | .079 | .064 | .068 | .055 | .045 | .039 | .032 | .026 | .013 | .010 | .009 | |
| 4.0 | .106 | .080 | .060 | .091 | .069 | .052 | .063 | .048 | .037 | .036 | .028 | .022 | .012 | .009 | .007 | |
| 5.0 | .099 | .070 | .049 | .085 | .061 | .043 | .059 | .043 | .030 | .034 | .025 | .018 | .011 | .008 | .006 | |
| 6.0 | .093 | .063 | .041 | .080 | .054 | .036 | .055 | .038 | .025 | .032 | .022 | .015 | .010 | .007 | .005 | |
| 7.0 | .087 | .057 | .035 | .075 | .049 | .031 | .052 | .034 | .022 | .030 | .020 | .013 | .010 | .007 | .004 | |
| 8.0 | .083 | .052 | .030 | .071 | .045 | .026 | .049 | .031 | .019 | .029 | .019 | .011 | .009 | .006 | .004 | |
| 9.0 | .079 | .047 | .026 | .068 | .041 | .023 | .047 | .029 | .016 | .027 | .017 | .010 | .009 | .006 | .003 | |
| 10.0 | .075 | .044 | .023 | .065 | .038 | .020 | .045 | .027 | .014 | .026 | .016 | .008 | .008 | .005 | .003 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|------------------|------|------|------|---------------------|----------------|------|------------------------|------|------|------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | | | | | | | | | | |
| NAME: 2318.203-ACOT-97 | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2306020715 | | | |
| 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 | 2H | 21.6 | 22.5 | 21.8 | 22.7 | 22.8 | 22.4 | 23.3 | 22.6 | 23.5 | 23.6 |
| | 3H | 21.5 | 22.3 | 21.8 | 22.5 | 22.7 | 22.3 | 23.1 | 22.5 | 23.3 | 23.5 |
| | 4H | 21.4 | 22.2 | 21.7 | 22.4 | 22.6 | 22.2 | 23.0 | 22.5 | 23.2 | 23.4 |
| | 6H | 21.4 | 22.1 | 21.7 | 22.3 | 22.6 | 22.1 | 22.9 | 22.4 | 23.1 | 23.3 |
| | 8H | 21.3 | 22.0 | 21.6 | 22.3 | 22.5 | 22.1 | 22.8 | 22.4 | 23.0 | 23.3 |
| | 12H | 21.3 | 21.9 | 21.6 | 22.2 | 22.5 | 22.1 | 22.7 | 22.4 | 23.0 | 23.3 |
| 4H | 2H | 21.4 | 22.2 | 21.7 | 22.4 | 22.6 | 22.2 | 23.0 | 22.5 | 23.2 | 23.4 |
| | 3H | 21.3 | 22.0 | 21.6 | 22.2 | 22.5 | 22.1 | 22.7 | 22.4 | 23.0 | 23.3 |
| | 4H | 21.2 | 21.8 | 21.6 | 22.1 | 22.4 | 22.0 | 22.6 | 22.4 | 22.9 | 23.2 |
| | 6H | 21.2 | 21.7 | 21.5 | 22.0 | 22.4 | 21.9 | 22.5 | 22.3 | 22.8 | 23.1 |
| | 8H | 21.1 | 21.6 | 21.5 | 21.9 | 22.3 | 21.9 | 22.4 | 22.3 | 22.7 | 23.1 |
| | 12H | 21.0 | 21.5 | 21.5 | 21.9 | 22.3 | 21.8 | 22.3 | 22.2 | 22.6 | 23.0 |
| 8H | 4H | 21.1 | 21.6 | 21.5 | 21.9 | 22.3 | 21.9 | 22.4 | 22.3 | 22.7 | 23.1 |
| | 6H | 21.0 | 21.4 | 21.4 | 21.8 | 22.2 | 21.8 | 22.2 | 22.2 | 22.6 | 23.0 |
| | 8H | 21.0 | 21.3 | 21.4 | 21.7 | 22.2 | 21.7 | 22.1 | 22.2 | 22.5 | 22.9 |
| | 12H | 20.9 | 21.2 | 21.4 | 21.7 | 22.1 | 21.7 | 22.0 | 22.1 | 22.4 | 22.9 |
| 12H | 4H | 21.1 | 21.5 | 21.5 | 21.9 | 22.3 | 21.8 | 22.3 | 22.2 | 22.6 | 23.0 |
| | 6H | 21.0 | 21.3 | 21.4 | 21.7 | 22.2 | 21.7 | 22.1 | 22.2 | 22.5 | 22.9 |
| | 8H | 20.9 | 21.2 | 21.4 | 21.7 | 22.1 | 21.7 | 22.0 | 22.1 | 22.4 | 22.9 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 3.8 / - 6.5 | | | | | + 4.3 / - 7.1 | | | | | |
| 1.5H | + 6.2 / - 5.7 | | | | | + 6.7 / - 6.5 | | | | | |
| 2.0H | + 3.7 / - 1.5 | | | | | + 4.6 / - 1.7 | | | | | |

CIE Pub.117, 896.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
Area: 0.000572265 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |

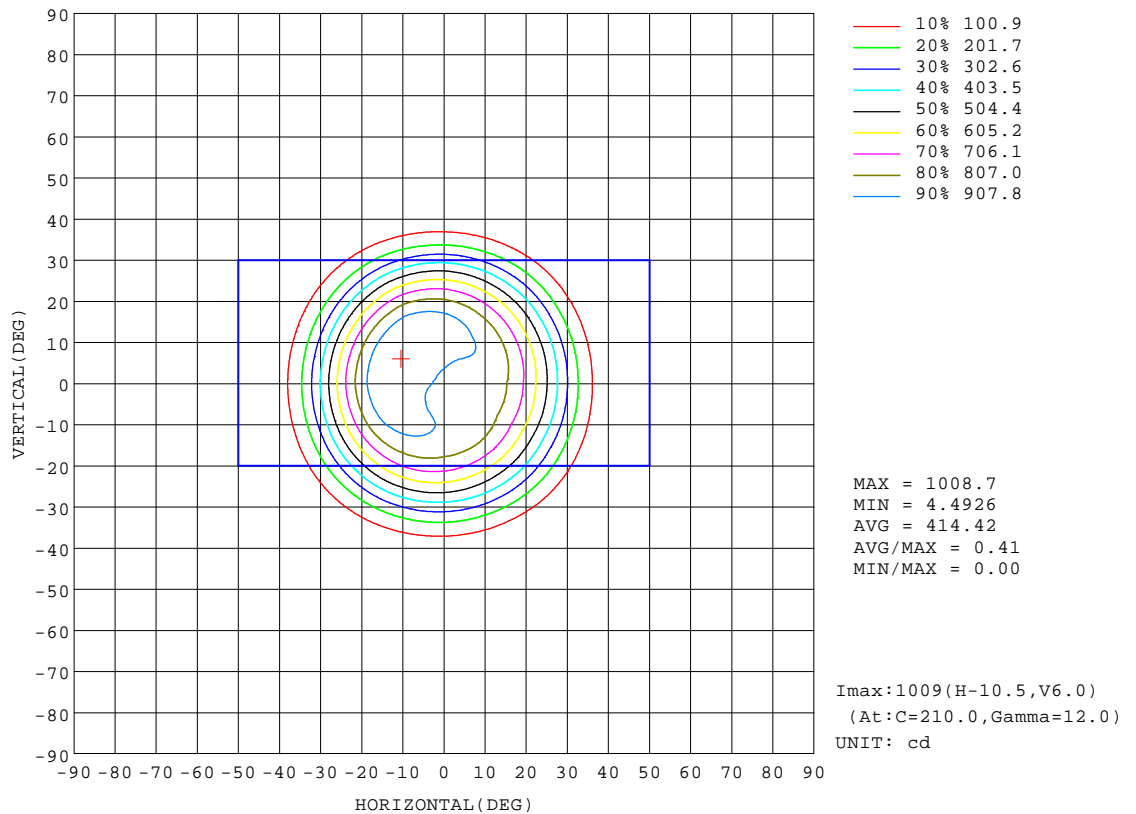
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 73 | 68 | 65 | 72 | 68 | 65 | 72 | 67 | 65 | 62 |
| 0.80 | 78 | 74 | 71 | 78 | 74 | 71 | 77 | 73 | 71 | 68 |
| 1.00 | 82 | 77 | 75 | 81 | 77 | 74 | 80 | 77 | 74 | 71 |
| 1.25 | 85 | 81 | 78 | 84 | 80 | 78 | 82 | 79 | 77 | 74 |
| 1.50 | 87 | 83 | 81 | 86 | 82 | 80 | 84 | 81 | 79 | 76 |
| 2.00 | 89 | 85 | 83 | 87 | 85 | 82 | 85 | 83 | 81 | 77 |
| 2.50 | 90 | 87 | 85 | 89 | 86 | 84 | 86 | 84 | 82 | 78 |
| 3.00 | 91 | 88 | 86 | 90 | 87 | 85 | 87 | 85 | 84 | 79 |
| 4.00 | 93 | 91 | 89 | 91 | 89 | 88 | 88 | 87 | 86 | 80 |
| 5.00 | 94 | 92 | 91 | 92 | 90 | 89 | 89 | 88 | 87 | 81 |
| 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:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |

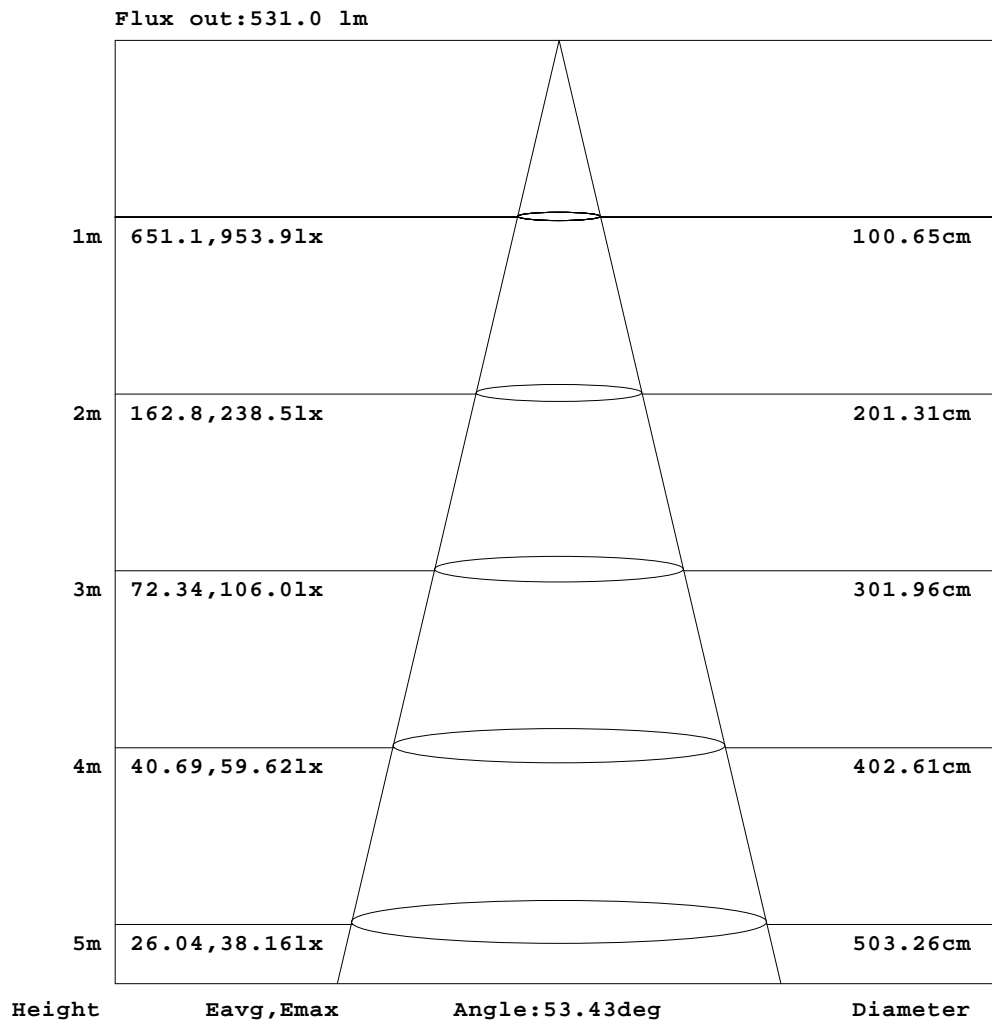


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

AAI Figure

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |



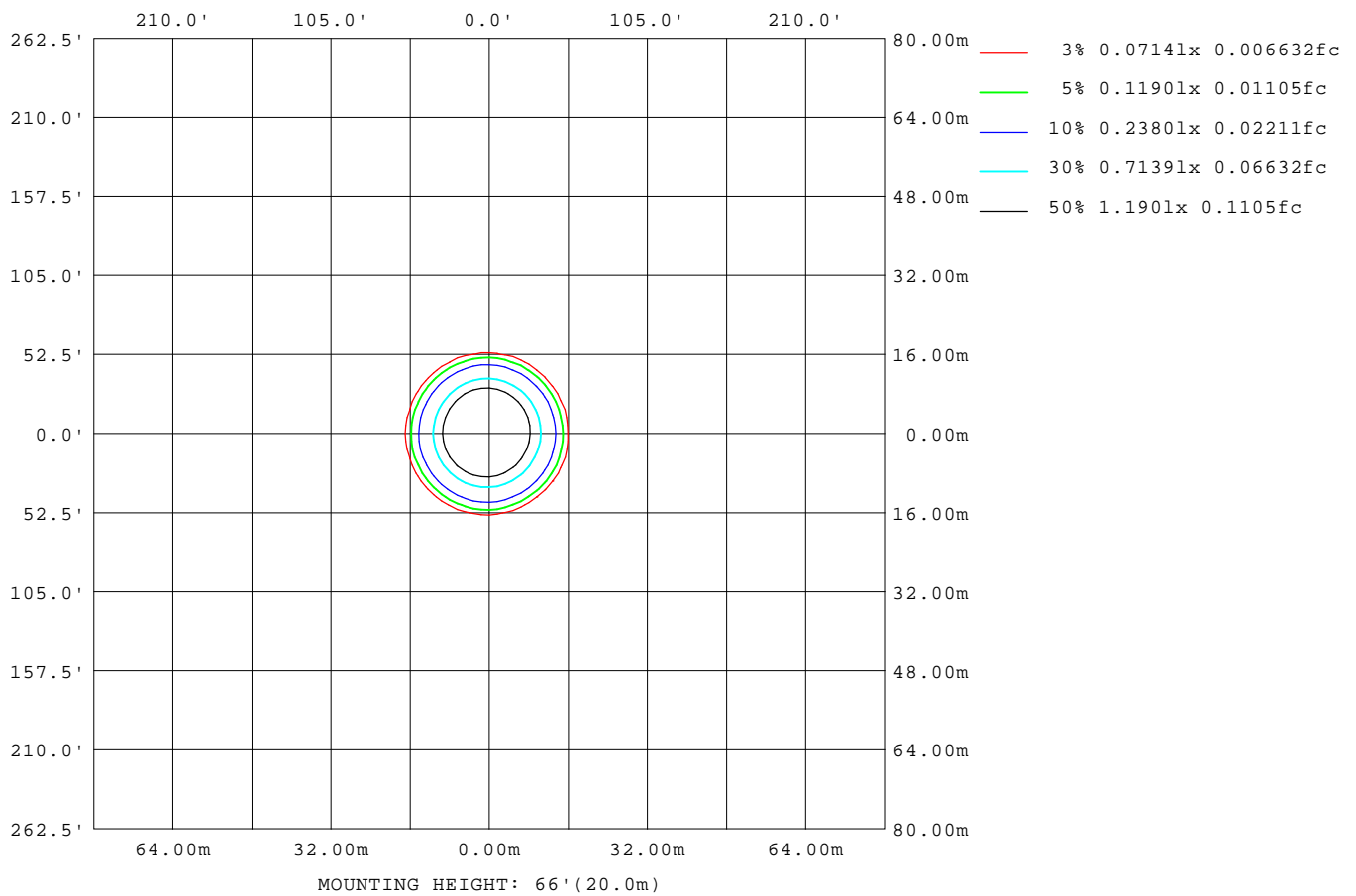
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
30minutes warm-up

LED Avg.L Report

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |

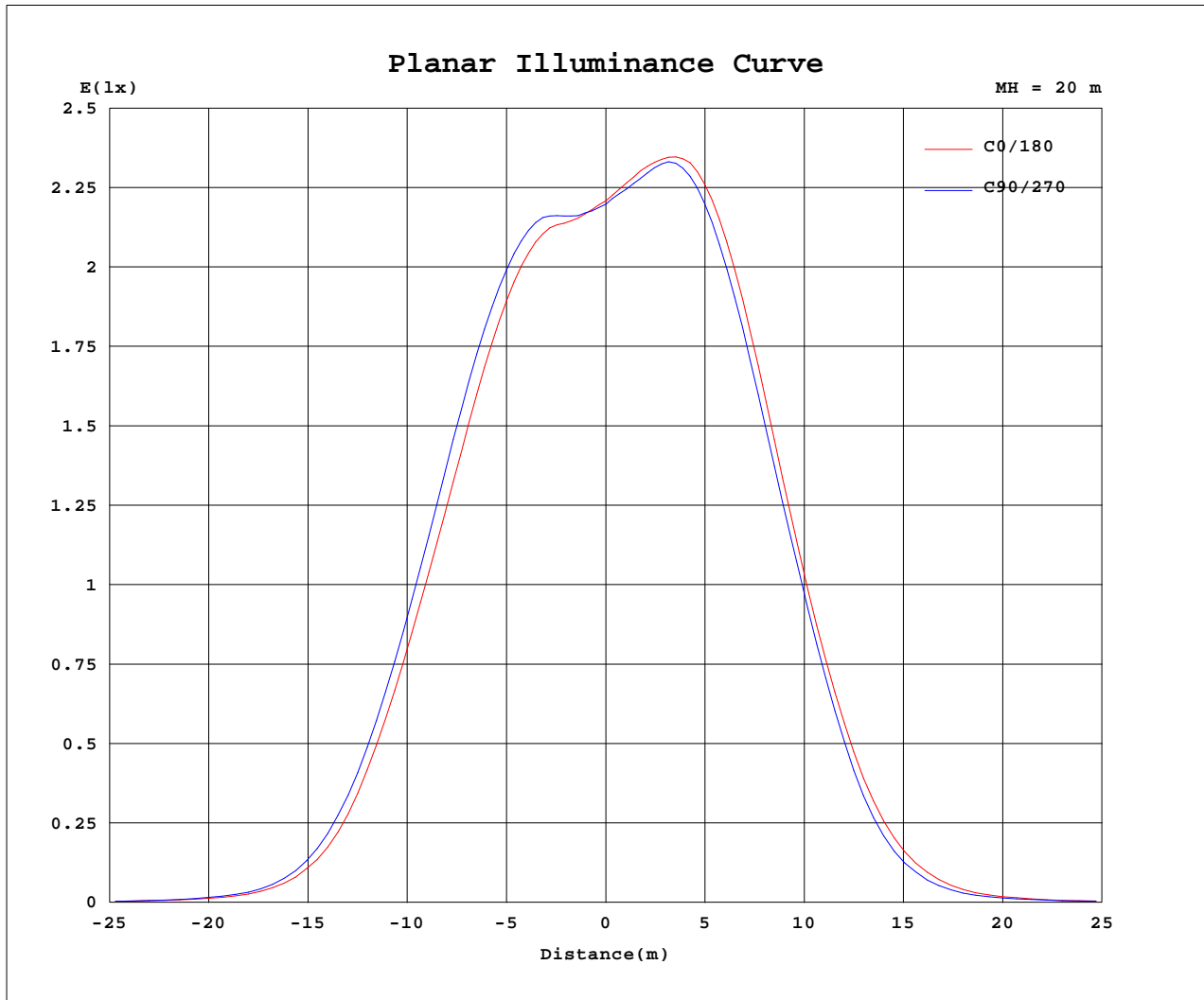
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 11365 |
| L_0~180(75)av | 6518 |
| L_0~180(85)av | 1483 |
| L_90~270(65)av | 11391 |
| L_90~270(75)av | 6659 |
| L_90~270(85)av | 1296 |
| L_45(65)av | 11395 |
| L_45(75)av | 6576 |
| L_45(85)av | 1281 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-2

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:CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084C 50R
DRIVER:9290 028 088 250mA
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: 2023-6-2

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: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084C 50R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---------------------|------------------------|
| Test:U:220.09V I:0.0559A P:11.930W PF:0.9667 Freq:49.99Hz Lamp Flux:896.707x1 lm | | |
| NAME: 2318.203-ACOT-97 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306020715 |
| MFR.: RISE | SUR.: 0.000572265m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 880 | 880 | 880 | 880 | 880 | 880 | 880 | 880 | 880 | 880 | 880 | 880 | | | | | | |
| 5 | 865 | 862 | 866 | 876 | 890 | 909 | 929 | 941 | 939 | 923 | 899 | 878 | | | | | | |
| 10 | 868 | 866 | 885 | 898 | 927 | 954 | 979 | 996 | 997 | 976 | 927 | 893 | | | | | | |
| 15 | 810 | 806 | 844 | 861 | 906 | 951 | 978 | 989 | 989 | 951 | 891 | 853 | | | | | | |
| 20 | 682 | 675 | 712 | 749 | 794 | 841 | 864 | 867 | 870 | 824 | 767 | 720 | | | | | | |
| 25 | 506 | 500 | 528 | 567 | 606 | 636 | 652 | 648 | 650 | 617 | 571 | 531 | | | | | | |
| 30 | 305 | 300 | 324 | 354 | 380 | 398 | 406 | 395 | 395 | 373 | 342 | 316 | | | | | | |
| 35 | 127 | 131 | 140 | 159 | 172 | 182 | 186 | 175 | 168 | 153 | 139 | 128 | | | | | | |
| 40 | 41.5 | 43.4 | 44.0 | 51.5 | 57.2 | 62.2 | 64.5 | 60.1 | 53.9 | 47.8 | 43.7 | 41.1 | | | | | | |
| 45 | 15.5 | 16.0 | 16.5 | 18.8 | 19.3 | 20.8 | 21.4 | 20.5 | 18.9 | 16.7 | 15.6 | 15.2 | | | | | | |
| 50 | 7.28 | 7.38 | 7.49 | 8.28 | 8.61 | 9.07 | 9.13 | 9.09 | 8.39 | 7.87 | 7.44 | 7.21 | | | | | | |
| 55 | 4.74 | 4.82 | 4.75 | 4.86 | 5.01 | 5.14 | 5.02 | 4.88 | 4.80 | 4.73 | 4.71 | 4.72 | | | | | | |
| 60 | 3.80 | 3.82 | 3.85 | 3.91 | 3.98 | 4.02 | 3.91 | 3.82 | 3.80 | 3.79 | 3.79 | 3.80 | | | | | | |
| 65 | 2.60 | 2.65 | 2.71 | 2.78 | 2.86 | 2.93 | 2.89 | 2.83 | 2.80 | 2.73 | 2.66 | 2.61 | | | | | | |
| 70 | 1.61 | 1.66 | 1.70 | 1.76 | 1.80 | 1.85 | 1.86 | 1.84 | 1.82 | 1.75 | 1.68 | 1.62 | | | | | | |
| 75 | 0.86 | 0.89 | 0.92 | 0.98 | 1.02 | 1.06 | 1.07 | 1.07 | 1.05 | 0.99 | 0.93 | 0.87 | | | | | | |
| 80 | 0.32 | 0.33 | 0.36 | 0.40 | 0.44 | 0.48 | 0.49 | 0.49 | 0.47 | 0.43 | 0.37 | 0.32 | | | | | | |
| 85 | 0.04 | 0.04 | 0.04 | 0.06 | 0.07 | 0.10 | 0.11 | 0.10 | 0.09 | 0.07 | 0.05 | 0.04 | | | | | | |
| 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
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Operators:zoe
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