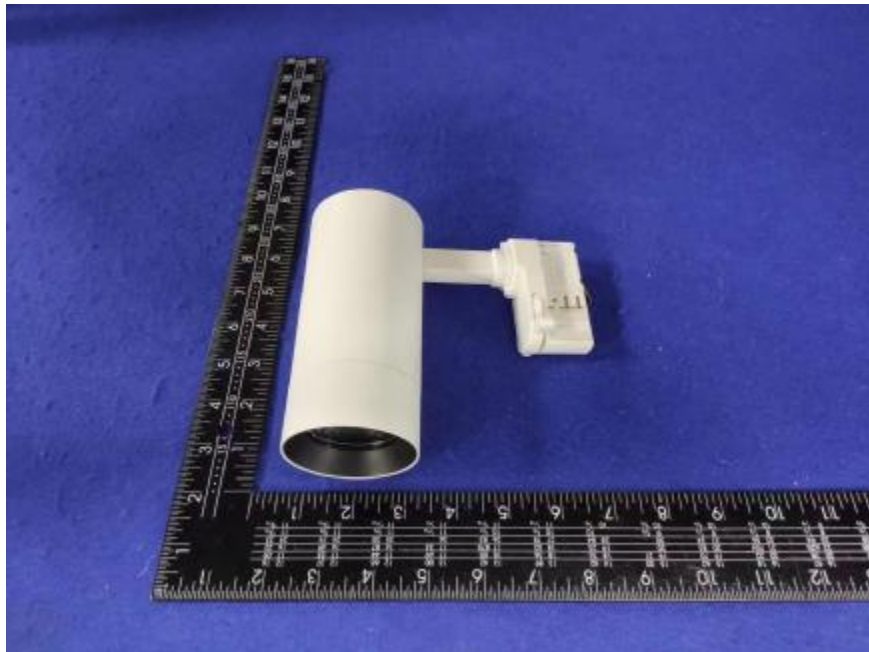


Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 85.1% | |
| Luminaire Power: | 14.34 W | |
| SHR Nominal: | 0.00 | Calculated using the TM5 |
| SHR Maximum: | 0.30 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-6-17

γ Range: 0 - 180DEG
 γ 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: BXRE-30H1000-A-83 Ra: 97
LENS: PM-0132A 24R
DRIVER: RMS-15-350AS 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

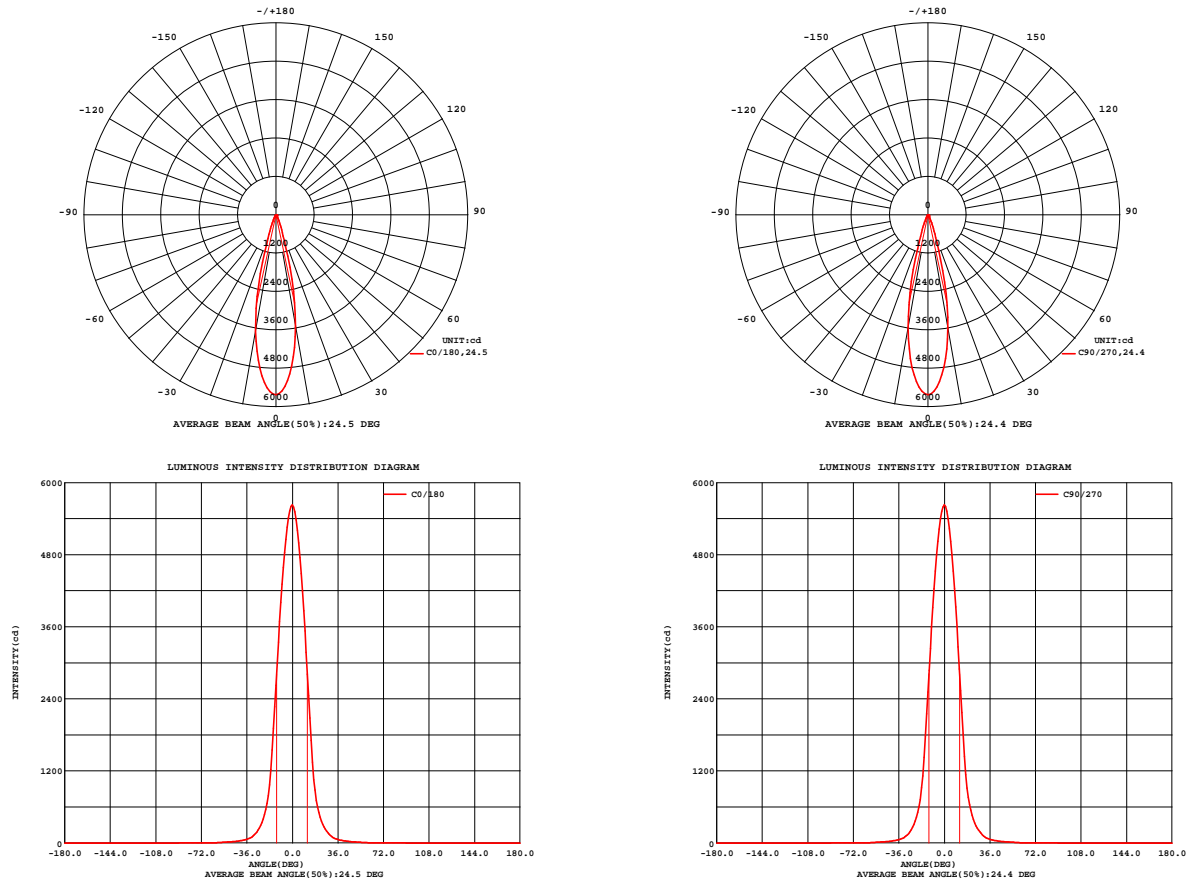


Fig. C0/C180

Fig. C90/C270

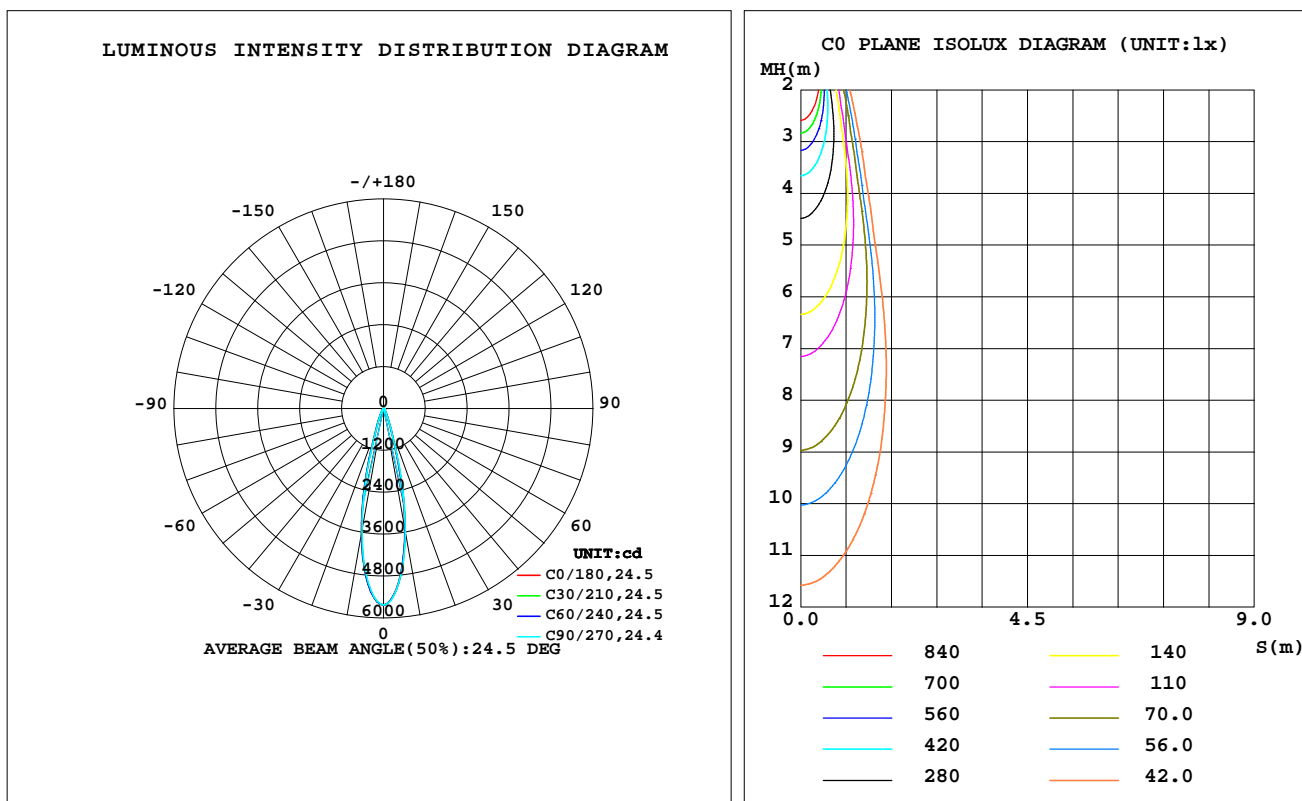
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-6-17

γ Range: 0 - 180DEG
γ 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: BXRE-30H1000-A-83 Ra: 97
LENS: PM-0132A 24R
DRIVER: RMS-15-350AS 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 79.53 lm/W | | | |
|------------------|-----------|----------------------------------|--------|------------------------|----------|
| MODEL | Brideglux | Imax(cd) | 5627 | S/MH(C0/180) | 0.41 |
| NOMINAL POWER(W) | 14 | LOR(%) | 85.1 | S/MH(C90/270) | 0.39 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 1140.4 | η UP,DN(C0-180) | 0.0,42.8 |
| NOMINAL FLUX(lm) | 1339.9 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,42.3 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE(V) | 220 | η down(%) | 85.1 | CIBSE SHR MAX | 0.30 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
 γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10 | 3531 | 3564 | 3602 | 3672 | 3687 | 3642 | 3586 | 3517 | 0- 10 | 434.0 | 434.0 | 38.1,32.4 |
| 20 | 597.9 | 631.9 | 643.6 | 669.4 | 655.8 | 637.0 | 604.6 | 599.5 | 10- 20 | 491.5 | 925.5 | 81.2,69.1 |
| 30 | 125.9 | 135.0 | 136.8 | 136.9 | 133.7 | 125.3 | 119.0 | 119.1 | 20- 30 | 138.3 | 1064 | 93.3,79.4 |
| 40 | 38.97 | 40.41 | 41.11 | 41.73 | 41.36 | 39.08 | 37.99 | 37.18 | 30- 40 | 44.41 | 1108 | 97.2,82.7 |
| 50 | 17.09 | 18.15 | 18.09 | 18.38 | 17.92 | 17.32 | 16.67 | 16.40 | 40- 50 | 20.38 | 1129 | 99,84.2 |
| 60 | 4.576 | 4.952 | 5.186 | 5.290 | 4.896 | 4.409 | 4.090 | 4.209 | 50- 60 | 9.648 | 1138 | 99.8,84.9 |
| 70 | 0.8277 | 0.8675 | 0.9471 | 0.9303 | 0.8757 | 0.8136 | 0.8086 | 0.7995 | 60- 70 | 1.804 | 1140 | 100,85.1 |
| 80 | 0.0347 | 0.0178 | 0.0276 | 0.0178 | 0.0307 | 0.0186 | 0.0254 | 0.0138 | 70- 80 | 0.3254 | 1140 | 100,85.1 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0181 | 1140 | 100,85.1 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1140 | 100,85.1 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1140 | 100,85.1 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1140 | 100,85.1 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1140 | 100,85.1 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1140 | 100,85.1 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1140 | 100,85.1 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1140 | 100,85.1 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1140 | 100,85.1 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1140 | 100,85.1 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
 γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz
Lamp Flux:1339.9x1 lm

NAME: 2319.201-AD3-350

TYPE:

WEIGHT:

SPEC.: 3000K

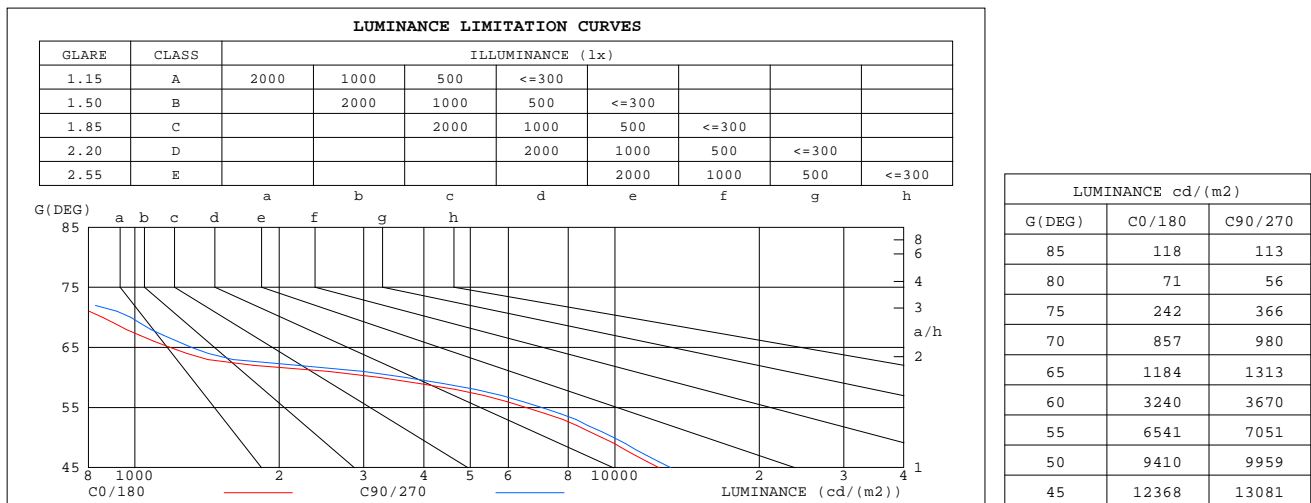
DIM.:

SERIAL No.: 2306170780

MFR.: RISE

SUR.: 0.002826m2

Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz
Lamp Flux:1339.9x1 lm

NAME: 2319.201-AD3-350

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

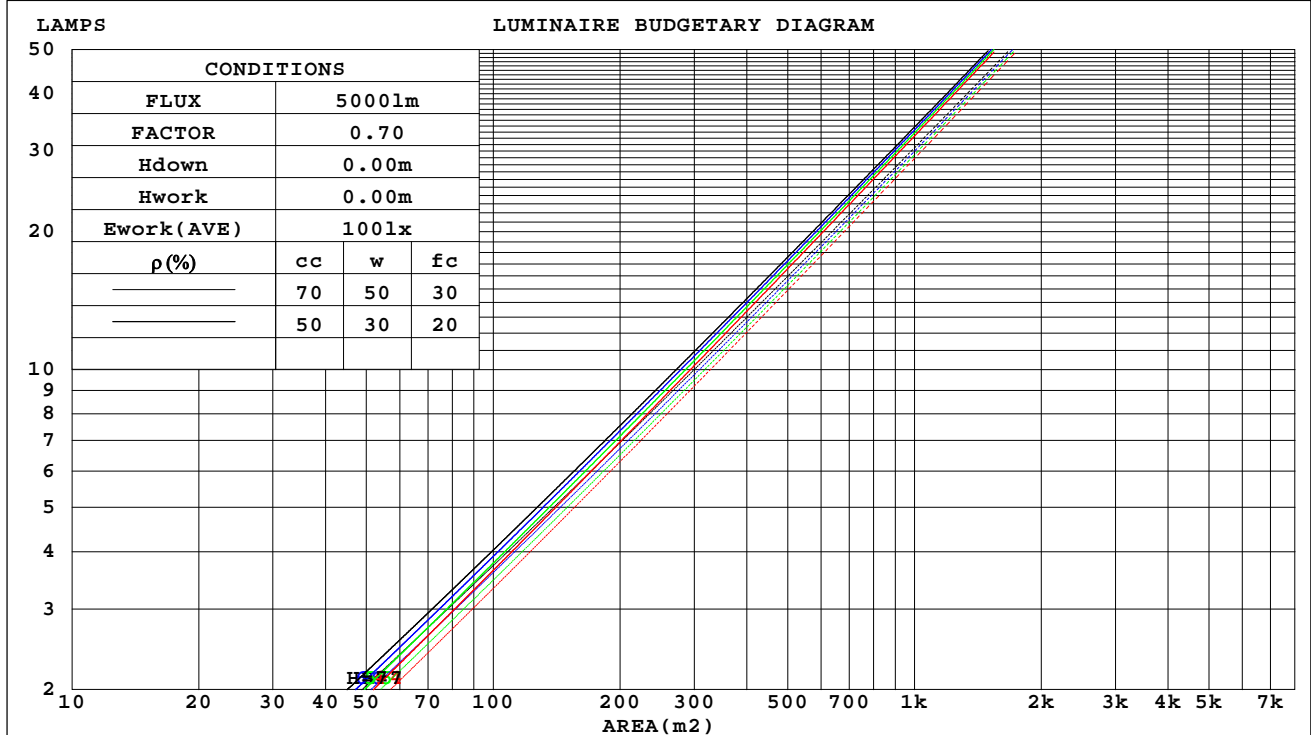
SERIAL No.: 2306170780

MFR.: RISE

SUR.: 0.002826m2

Shielding Angle:

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|---|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.01 | 1.01 | 1.01 | .99 | .99 | .99 | .95 | .95 | .95 | .91 | .91 | .91 | .87 | .87 | .87 | .85 |
| 1.0 | .96 | .94 | .93 | .94 | .93 | .92 | .91 | .90 | .89 | .88 | .87 | .86 | .85 | .84 | .84 | .82 |
| 2.0 | .92 | .89 | .87 | .90 | .88 | .86 | .88 | .86 | .84 | .85 | .84 | .82 | .83 | .82 | .81 | .79 |
| 3.0 | .88 | .85 | .82 | .87 | .84 | .82 | .85 | .82 | .80 | .83 | .81 | .79 | .81 | .79 | .78 | .77 |
| 4.0 | .84 | .81 | .78 | .83 | .80 | .78 | .82 | .79 | .77 | .80 | .78 | .76 | .79 | .77 | .75 | .74 |
| 5.0 | .81 | .78 | .75 | .81 | .77 | .75 | .79 | .76 | .74 | .78 | .76 | .74 | .77 | .75 | .73 | .72 |
| 6.0 | .79 | .75 | .73 | .78 | .75 | .72 | .77 | .74 | .72 | .76 | .73 | .71 | .75 | .73 | .71 | .70 |
| 7.0 | .76 | .73 | .70 | .76 | .72 | .70 | .75 | .72 | .70 | .74 | .71 | .69 | .73 | .71 | .69 | .68 |
| 8.0 | .74 | .70 | .68 | .73 | .70 | .68 | .73 | .70 | .68 | .72 | .69 | .67 | .71 | .69 | .67 | .66 |
| 9.0 | .72 | .68 | .66 | .71 | .68 | .66 | .71 | .68 | .66 | .70 | .67 | .66 | .70 | .67 | .65 | .65 |
| 10.0 | .70 | .67 | .64 | .70 | .66 | .64 | .69 | .66 | .64 | .68 | .66 | .64 | .68 | .66 | .64 | .63 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
 γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

WEC AND CCEC

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | 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 | .116 | .066 | .021 | .110 | .063 | .020 | .100 | .057 | .018 | .090 | .052 | .017 | .081 | .047 | .015 | |
| 2.0 | .108 | .059 | .018 | .103 | .057 | .017 | .094 | .052 | .016 | .086 | .048 | .015 | .079 | .045 | .014 | |
| 3.0 | .100 | .053 | .016 | .097 | .052 | .016 | .089 | .048 | .015 | .083 | .045 | .014 | .076 | .042 | .013 | |
| 4.0 | .094 | .049 | .014 | .091 | .048 | .014 | .085 | .045 | .013 | .079 | .042 | .013 | .074 | .040 | .012 | |
| 5.0 | .088 | .045 | .013 | .086 | .044 | .013 | .081 | .042 | .012 | .076 | .040 | .012 | .071 | .038 | .011 | |
| 6.0 | .084 | .042 | .012 | .081 | .041 | .012 | .077 | .039 | .011 | .073 | .038 | .011 | .069 | .036 | .011 | |
| 7.0 | .079 | .039 | .011 | .077 | .038 | .011 | .073 | .037 | .011 | .070 | .036 | .010 | .066 | .034 | .010 | |
| 8.0 | .075 | .037 | .010 | .074 | .036 | .010 | .070 | .035 | .010 | .067 | .034 | .010 | .064 | .033 | .010 | |
| 9.0 | .072 | .035 | .010 | .070 | .034 | .010 | .067 | .033 | .009 | .065 | .032 | .009 | .062 | .031 | .009 | |
| 10.0 | .069 | .033 | .009 | .067 | .033 | .009 | .065 | .032 | .009 | .062 | .031 | .009 | .060 | .030 | .009 | |

| 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 | .162 | .162 | .162 | .139 | .139 | .139 | .095 | .095 | .095 | .054 | .054 | .054 | .017 | .017 | .017 | | |
| 1.0 | .143 | .134 | .126 | .123 | .115 | .108 | .084 | .079 | .075 | .048 | .046 | .044 | .015 | .015 | .014 | | |
| 2.0 | .128 | .113 | .100 | .109 | .097 | .087 | .075 | .067 | .061 | .043 | .039 | .035 | .014 | .013 | .012 | | |
| 3.0 | .115 | .096 | .082 | .099 | .083 | .071 | .068 | .058 | .050 | .039 | .034 | .029 | .013 | .011 | .010 | | |
| 4.0 | .104 | .083 | .067 | .090 | .072 | .058 | .062 | .050 | .041 | .036 | .029 | .024 | .011 | .010 | .008 | | |
| 5.0 | .095 | .073 | .056 | .082 | .063 | .049 | .056 | .044 | .034 | .033 | .026 | .020 | .011 | .008 | .007 | | |
| 6.0 | .088 | .064 | .047 | .075 | .056 | .041 | .052 | .039 | .029 | .030 | .023 | .017 | .010 | .007 | .006 | | |
| 7.0 | .081 | .057 | .041 | .070 | .050 | .035 | .048 | .035 | .025 | .028 | .021 | .015 | .009 | .007 | .005 | | |
| 8.0 | .076 | .052 | .035 | .065 | .045 | .030 | .045 | .031 | .022 | .026 | .019 | .013 | .008 | .006 | .004 | | |
| 9.0 | .071 | .047 | .030 | .061 | .041 | .027 | .042 | .029 | .019 | .025 | .017 | .011 | .008 | .006 | .004 | | |
| 10.0 | .067 | .043 | .027 | .057 | .037 | .023 | .040 | .026 | .017 | .023 | .015 | .010 | .008 | .005 | .003 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|------------------|----------------|------|------------------------|------|------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | | | | | | | | | |
| NAME: 2319.201-AD3-350 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2306170780 | | |
| MFR.: RISE | | | | | SUR.: 0.002826m2 | | | 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 | 10.7 | 11.4 | 10.9 | 11.5 | 11.7 | 10.9 | 11.5 | 11.1 | 11.7 | 11.8 |
| 3H | 10.6 | 11.2 | 10.8 | 11.4 | 11.6 | 10.8 | 11.4 | 11.0 | 11.6 | 11.7 |
| 4H | 10.5 | 11.1 | 10.8 | 11.3 | 11.5 | 10.7 | 11.3 | 11.0 | 11.5 | 11.7 |
| 6H | 10.4 | 11.0 | 10.7 | 11.2 | 11.4 | 10.6 | 11.2 | 10.9 | 11.4 | 11.6 |
| 8H | 10.4 | 10.9 | 10.7 | 11.2 | 11.4 | 10.6 | 11.1 | 10.9 | 11.3 | 11.6 |
| 12H | 10.3 | 10.8 | 10.6 | 11.1 | 11.4 | 10.5 | 11.0 | 10.8 | 11.3 | 11.6 |
| 4H 2H | 10.6 | 11.2 | 10.8 | 11.4 | 11.6 | 10.8 | 11.3 | 11.0 | 11.5 | 11.8 |
| 3H | 10.5 | 11.0 | 10.8 | 11.2 | 11.5 | 10.6 | 11.1 | 10.9 | 11.4 | 11.7 |
| 4H | 10.4 | 10.8 | 10.7 | 11.1 | 11.4 | 10.5 | 11.0 | 10.9 | 11.3 | 11.6 |
| 6H | 10.3 | 10.7 | 10.6 | 11.0 | 11.3 | 10.4 | 10.9 | 10.8 | 11.2 | 11.5 |
| 8H | 10.2 | 10.6 | 10.6 | 10.9 | 11.3 | 10.4 | 10.8 | 10.8 | 11.1 | 11.5 |
| 12H | 10.2 | 10.5 | 10.6 | 10.9 | 11.3 | 10.3 | 10.7 | 10.7 | 11.1 | 11.4 |
| 8H 4H | 10.2 | 10.6 | 10.6 | 10.9 | 11.3 | 10.4 | 10.8 | 10.8 | 11.1 | 11.5 |
| 6H | 10.1 | 10.4 | 10.5 | 10.8 | 11.2 | 10.3 | 10.6 | 10.7 | 11.0 | 11.4 |
| 8H | 10.0 | 10.3 | 10.5 | 10.7 | 11.2 | 10.2 | 10.5 | 10.7 | 10.9 | 11.4 |
| 12H | 10.0 | 10.2 | 10.4 | 10.7 | 11.1 | 10.2 | 10.4 | 10.6 | 10.8 | 11.3 |
| 12H 4H | 10.2 | 10.5 | 10.6 | 10.9 | 11.3 | 10.3 | 10.7 | 10.7 | 11.1 | 11.4 |
| 6H | 10.0 | 10.3 | 10.5 | 10.7 | 11.2 | 10.2 | 10.5 | 10.7 | 10.9 | 11.4 |
| 8H | 10.0 | 10.2 | 10.4 | 10.7 | 11.1 | 10.2 | 10.4 | 10.6 | 10.8 | 11.3 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 2.0 / - 4.2 | | | | | + 2.1 / - 3.9 | | | | |
| 1.5H | + 2.5 / - 2.0 | | | | | + 2.7 / - 2.1 | | | | |
| 2.0H | + 3.4 / - 9.7 | | | | | + 3.4 / - 9.6 | | | | |

CIE Pub.117, 1340 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)
Area: 0.002826 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

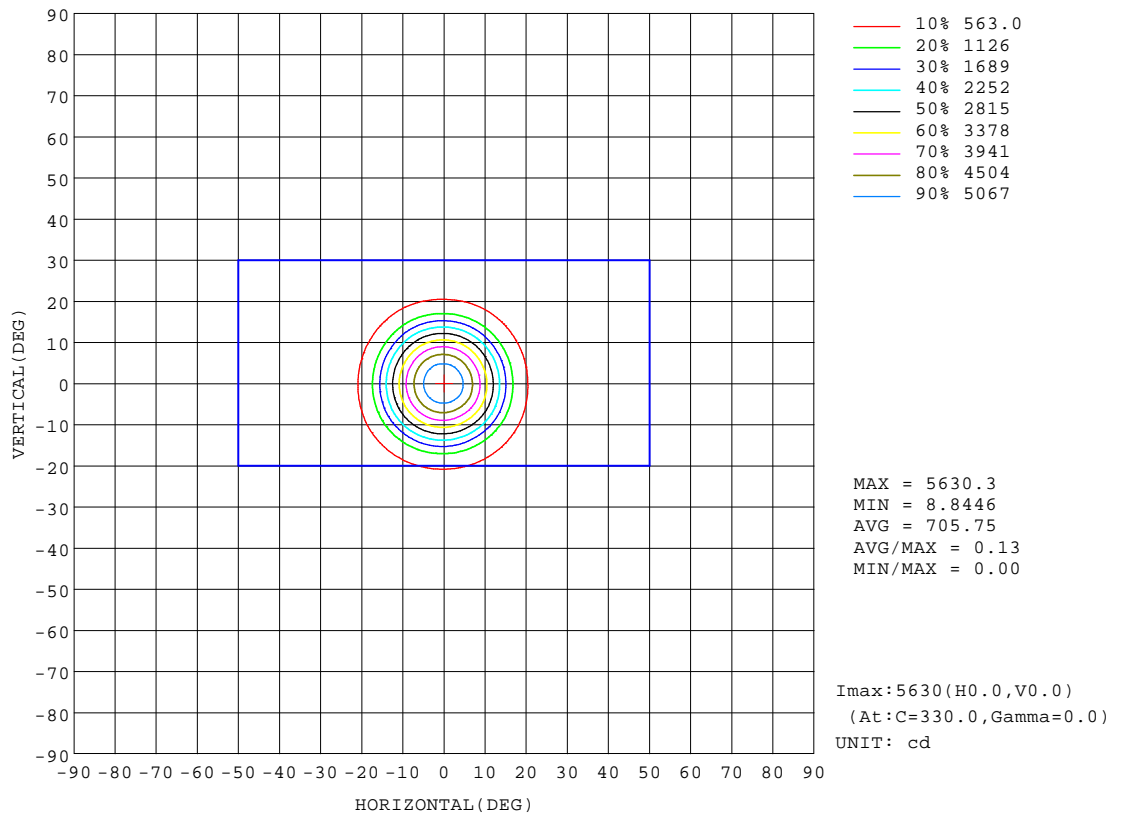
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 76 | 71 | 68 | 76 | 71 | 68 | 75 | 71 | 68 | 65 |
| 0.80 | 82 | 78 | 75 | 82 | 78 | 75 | 81 | 77 | 74 | 72 |
| 1.00 | 86 | 81 | 79 | 85 | 81 | 78 | 84 | 81 | 78 | 75 |
| 1.25 | 89 | 85 | 82 | 88 | 84 | 82 | 87 | 83 | 81 | 78 |
| 1.50 | 91 | 87 | 85 | 90 | 87 | 84 | 88 | 86 | 83 | 80 |
| 2.00 | 93 | 90 | 87 | 92 | 89 | 87 | 90 | 87 | 85 | 81 |
| 2.50 | 94 | 91 | 89 | 93 | 90 | 88 | 91 | 88 | 87 | 82 |
| 3.00 | 96 | 93 | 91 | 94 | 92 | 90 | 91 | 90 | 88 | 83 |
| 4.00 | 97 | 95 | 93 | 96 | 94 | 92 | 93 | 91 | 90 | 84 |
| 5.00 | 98 | 97 | 95 | 97 | 95 | 94 | 93 | 92 | 91 | 85 |
| 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:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

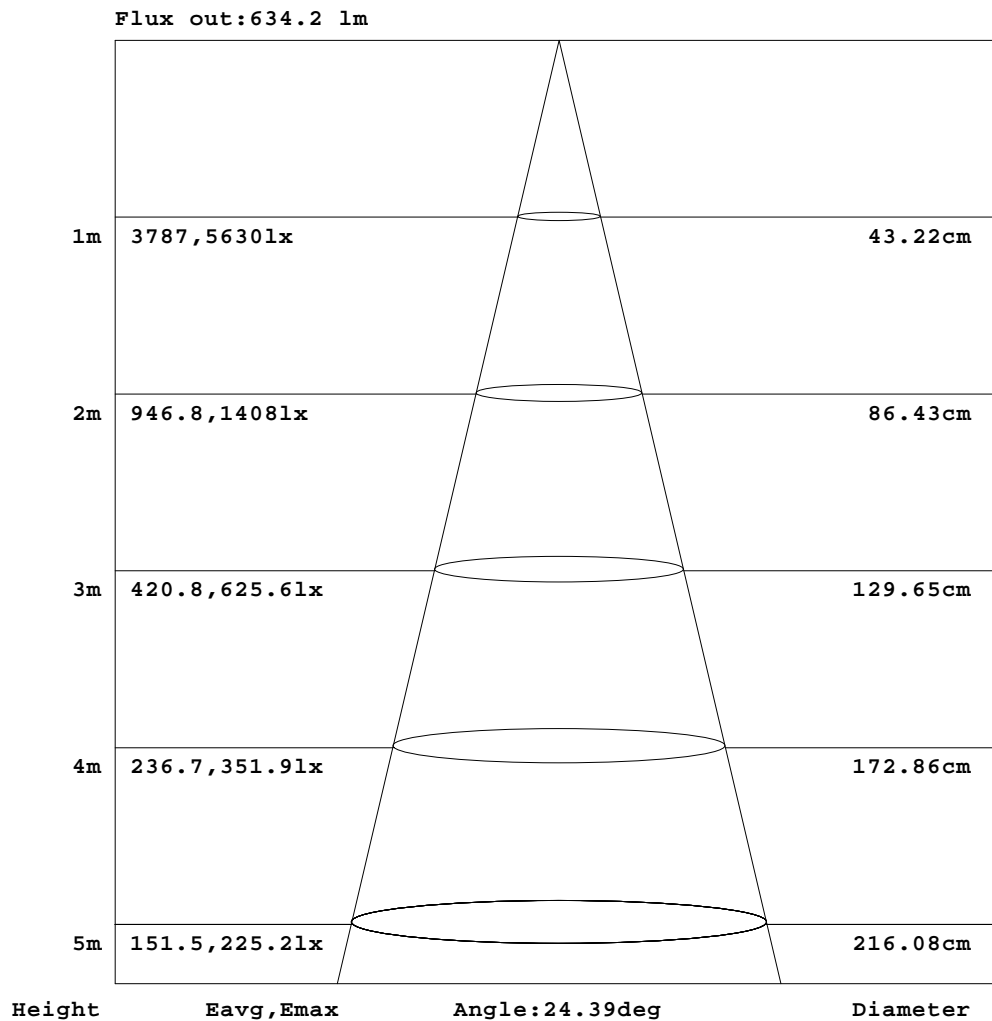


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

AAI Figure

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |



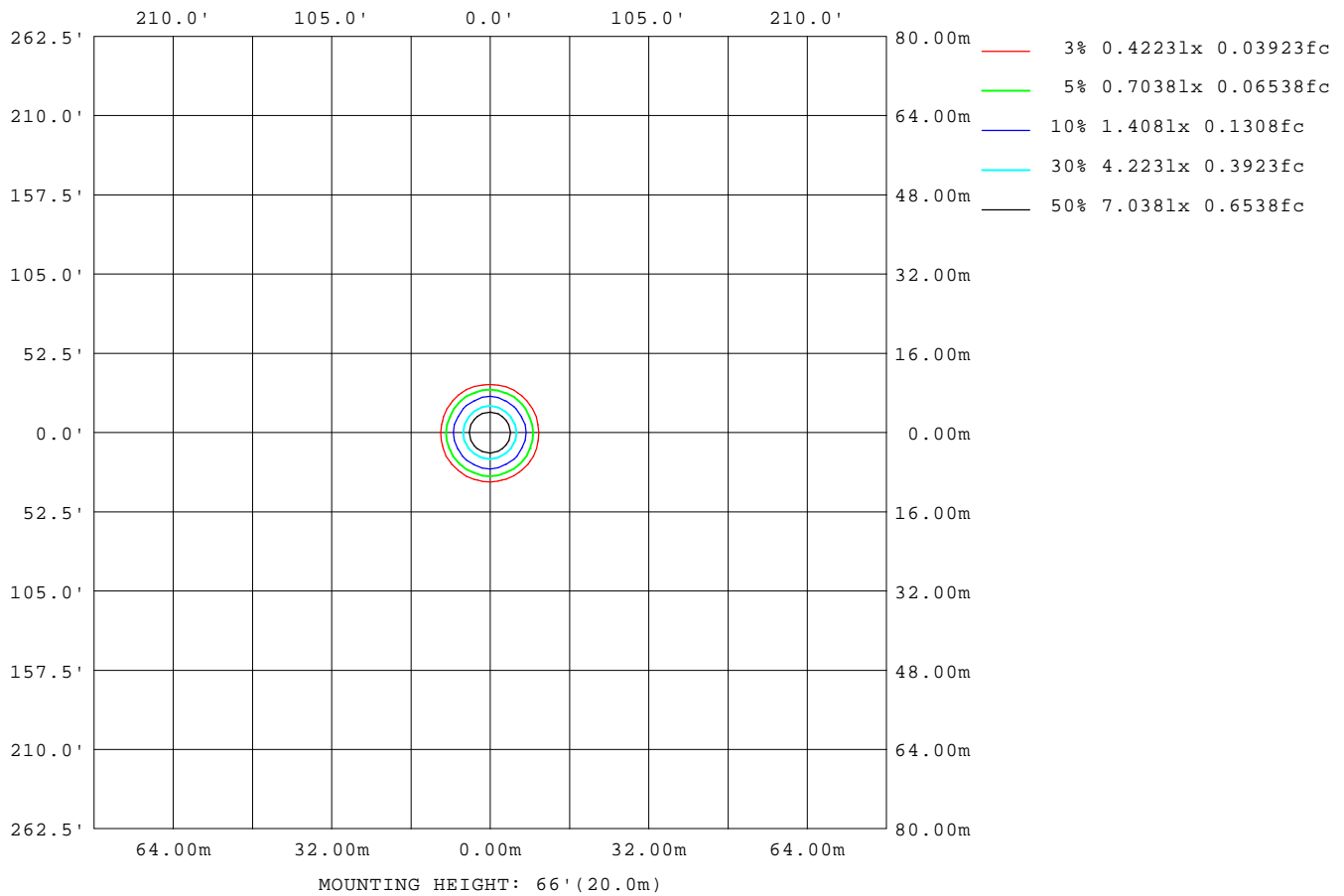
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 350mA
30minutes warm-up

LED Avg.L Report

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

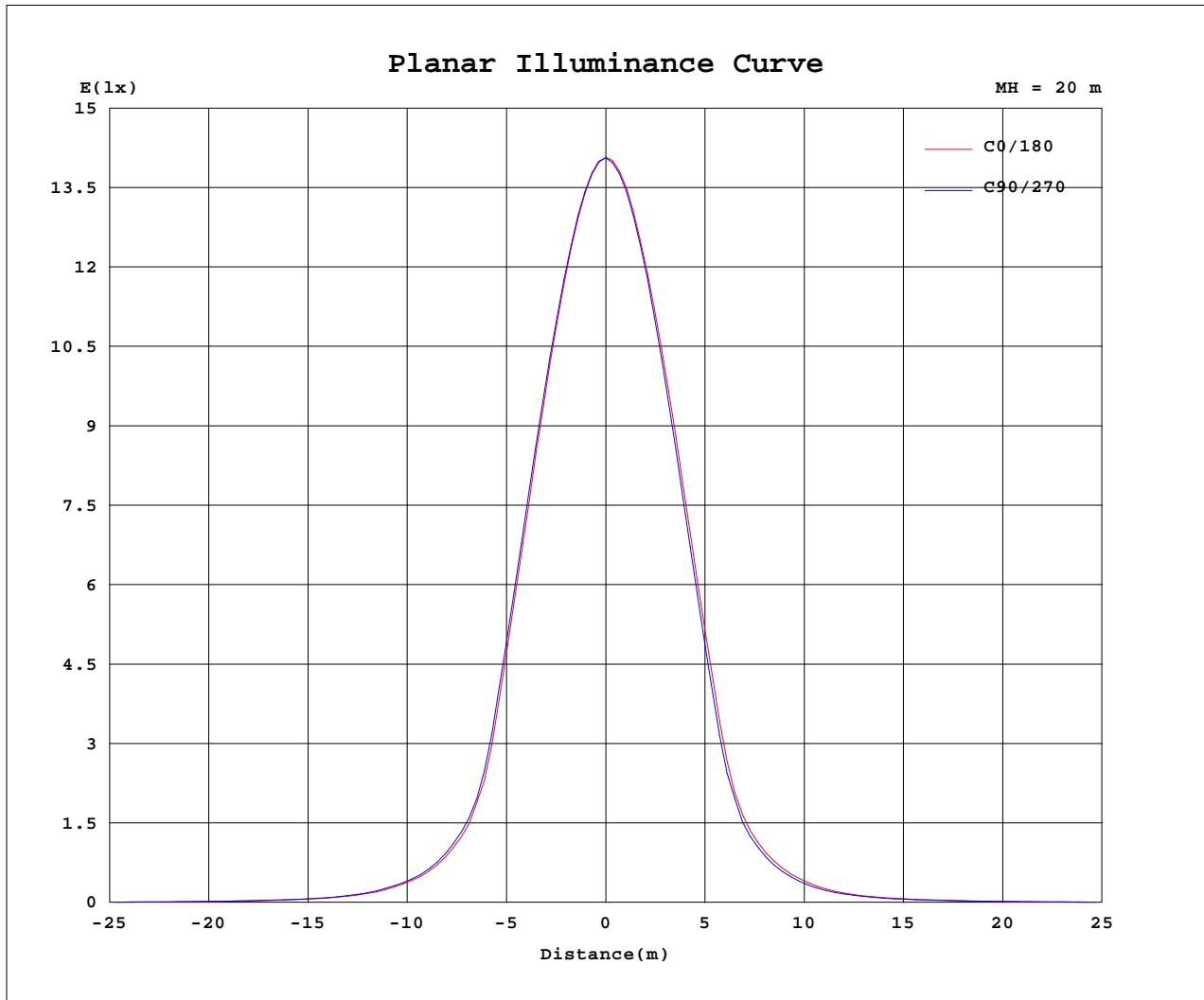
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 1233 |
| L_0~180(75)av | 292 |
| L_0~180(85)av | 116 |
| L_90~270(65)av | 1241 |
| L_90~270(75)av | 291 |
| L_90~270(85)av | 108 |
| L_45(65)av | 1216 |
| L_45(75)av | 262 |
| L_45(85)av | 43 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-6-17

γ Range: 0 - 180DEG
γ 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:BXRE-30H1000-A-83 Ra:97
LENS:PM-0132A 24R
DRIVER:RMS-15-350AS 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: 2023-6-17

γ Range: 0 - 180DEG
 γ 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: BXRE-30H1000-A-83 Ra: 97
 LENS: PM-0132A 24R
 DRIVER: RMS-15-350AS 350mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|------------------|------------------------|
| Test:U:220.08V I:0.0681A P:14.339W PF:0.9540 Freq:49.99Hz Lamp Flux:1339.9x1 lm | | |
| NAME: 2319.201-AD3-350 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306170780 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | 5627 | | | | | | |
| 5 | 4997 | 5027 | 5015 | 5020 | 5049 | 5061 | 5052 | 5049 | 5055 | 5024 | 5014 | 4986 | | | | | | |
| 10 | 3531 | 3572 | 3556 | 3602 | 3657 | 3687 | 3687 | 3645 | 3639 | 3586 | 3540 | 3495 | | | | | | |
| 15 | 1705 | 1766 | 1729 | 1807 | 1876 | 1931 | 1909 | 1866 | 1857 | 1780 | 1749 | 1693 | | | | | | |
| 20 | 598 | 630 | 634 | 644 | 663 | 676 | 656 | 639 | 635 | 605 | 606 | 593 | | | | | | |
| 25 | 267 | 282 | 284 | 286 | 294 | 302 | 291 | 282 | 280 | 261 | 265 | 263 | | | | | | |
| 30 | 126 | 135 | 135 | 137 | 137 | 137 | 134 | 127 | 124 | 119 | 119 | 119 | | | | | | |
| 35 | 66.0 | 69.1 | 69.4 | 69.6 | 71.0 | 70.9 | 69.3 | 66.5 | 63.8 | 61.5 | 61.6 | 62.8 | | | | | | |
| 40 | 39.0 | 40.5 | 40.3 | 41.1 | 41.5 | 42.0 | 41.4 | 39.8 | 38.3 | 38.0 | 37.2 | 37.2 | | | | | | |
| 45 | 24.7 | 25.9 | 25.9 | 26.1 | 26.9 | 27.1 | 26.3 | 25.9 | 24.8 | 24.1 | 24.2 | 24.4 | | | | | | |
| 50 | 17.1 | 18.2 | 18.1 | 18.1 | 18.3 | 18.5 | 17.9 | 17.6 | 17.1 | 16.7 | 16.4 | 16.4 | | | | | | |
| 55 | 10.6 | 11.2 | 11.2 | 11.4 | 11.6 | 11.6 | 11.1 | 10.6 | 10.0 | 9.75 | 9.89 | 10.1 | | | | | | |
| 60 | 4.58 | 4.91 | 4.99 | 5.19 | 5.36 | 5.22 | 4.90 | 4.56 | 4.26 | 4.09 | 4.18 | 4.24 | | | | | | |
| 65 | 1.41 | 1.41 | 1.47 | 1.57 | 1.62 | 1.57 | 1.53 | 1.44 | 1.35 | 1.40 | 1.39 | 1.39 | | | | | | |
| 70 | 0.83 | 0.85 | 0.89 | 0.95 | 0.95 | 0.91 | 0.88 | 0.85 | 0.78 | 0.81 | 0.80 | 0.80 | | | | | | |
| 75 | 0.18 | 0.21 | 0.19 | 0.27 | 0.27 | 0.26 | 0.25 | 0.21 | 0.17 | 0.16 | 0.14 | 0.10 | | | | | | |
| 80 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.01 | 0.02 | | | | | | |
| 85 | 0.03 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | | | | | | |
| 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
Test Date:2023-6-17

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