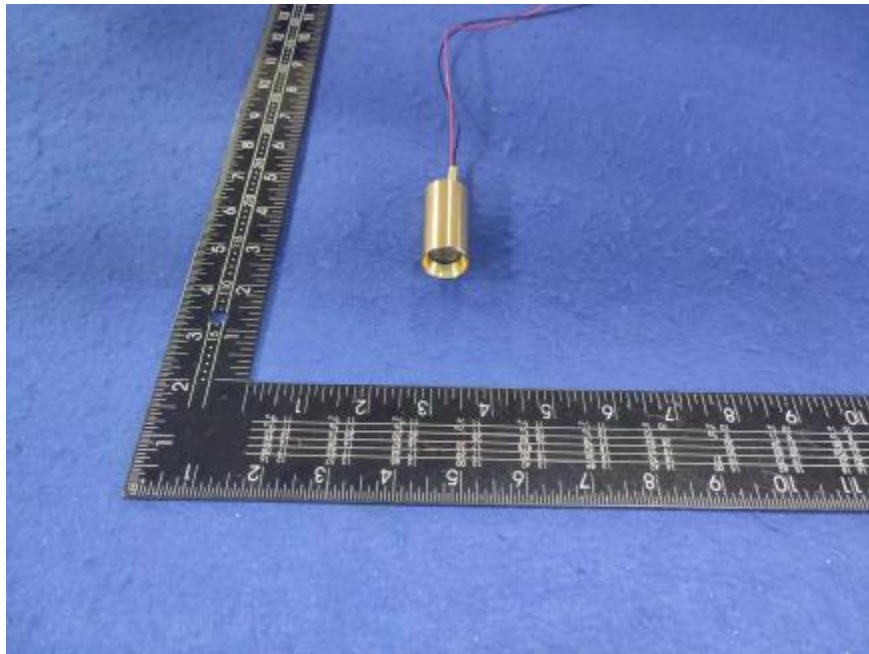


### Luminaire Photograph



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 72.7%   |                          |
| Luminaire Power:    | 2.307 W |                          |
| SHR Nominal:        | 0.00    | Calculated using the TM5 |
| SHR Maximum:        | 0.25    | fine grid method.        |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-10-17

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: BXEX-30G-11H-3A-00-0-0 Ra: 90  
LENS: 10R  
NOT DRIVER: 700mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

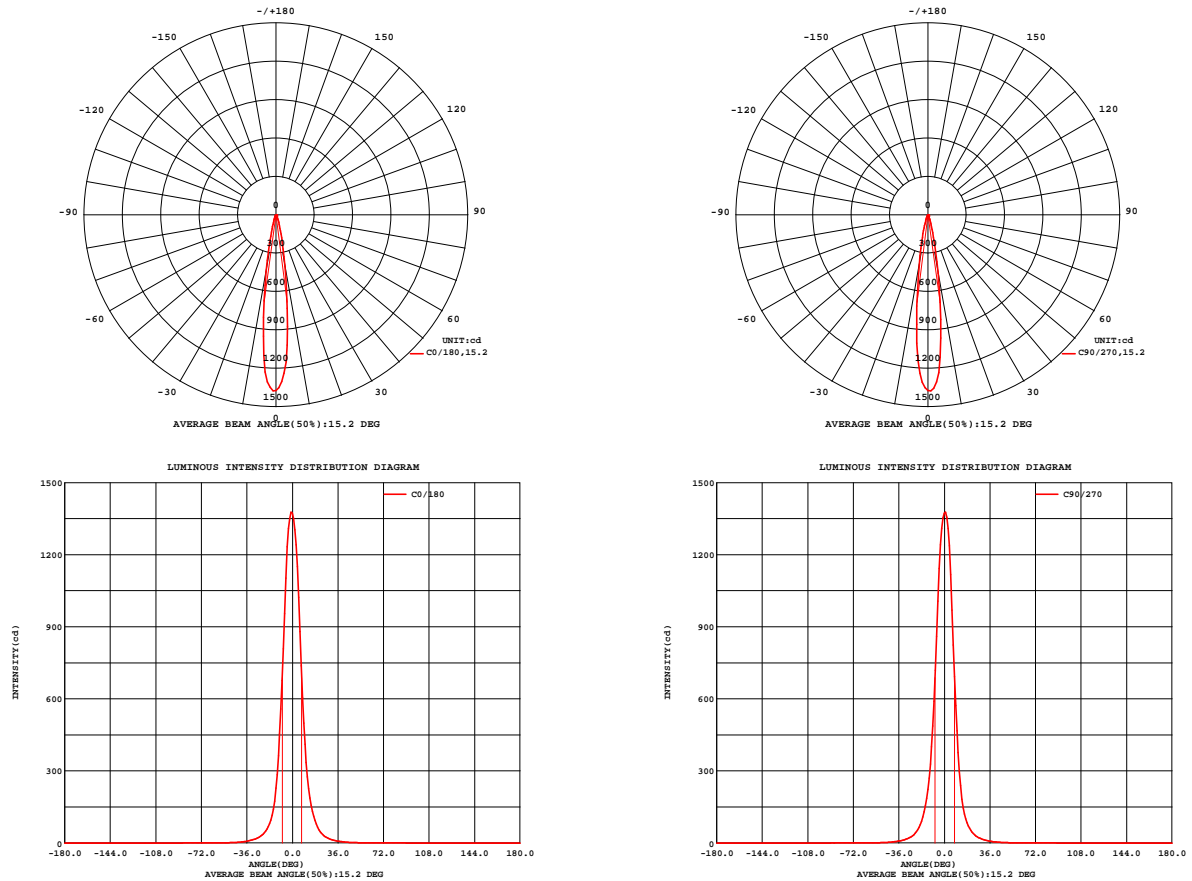


Fig. C0/C180

Fig. C90/C270

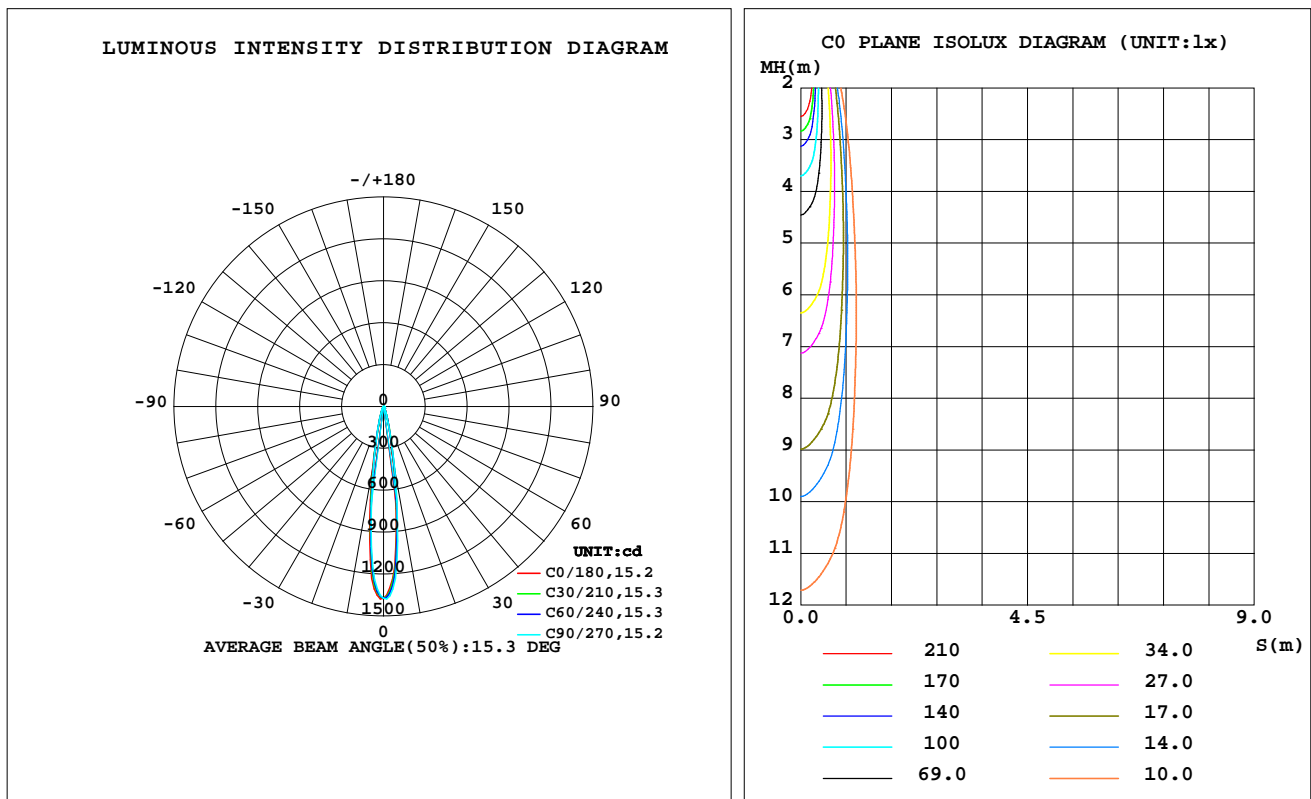
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-10-17

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: BXEX-30G-11H-3A-00-0-0 Ra: 90  
LENS: 10R  
NOT DRIVER: 700mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |

| DATA OF LAMP     |           | PHOTOMETRIC DATA Eff: 64.28 lm/W |        |                 |          |
|------------------|-----------|----------------------------------|--------|-----------------|----------|
| MODEL            | Brideglux | Imax(cd)                         | 1382   | S/MH(C0/180)    | 0.27     |
| NOMINAL POWER(W) | 2         | LOR(%)                           | 72.7   | S/MH(C90/270)   | 0.25     |
| RATED VOLTAGE(V) | 4         | TOTAL FLUX(lm)                   | 148.33 | UP,DN(C0-180)   | 0.0,36.9 |
| NOMINAL FLUX(lm) | 203.982   | CIE CLASS                        | DIRECT | UP,DN(C180-360) | 0.0,35.8 |
| LAMPS INSIDE     | 1         | up(%)                            | 0.0    | CIBSE SHR NOM   | 0.00     |
| TEST VOLTAGE(V)  | 4         | down(%)                          | 72.7   | CIBSE SHR MAX   | 0.25     |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

|     | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   |         | zone    | total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|-----------|
| 10  | 410.4                 | 444.5  | 467.0  | 444.3  | 453.1  | 427.0  | 399.7  | 397.3  | 0- 10   | 78.44   | 78.44 | 52.9,38.5 |
| 20  | 66.20                 | 65.78  | 61.38  | 58.50  | 58.24  | 63.03  | 64.63  | 64.15  | 10- 20  | 46.50   | 124.9 | 84.2,61.2 |
| 30  | 15.97                 | 16.04  | 15.82  | 15.37  | 15.07  | 15.70  | 16.19  | 16.04  | 20- 30  | 14.49   | 139.4 | 94,68.4   |
| 40  | 4.744                 | 4.680  | 4.584  | 4.322  | 4.390  | 4.598  | 4.772  | 4.812  | 30- 40  | 5.750   | 145.2 | 97.9,71.2 |
| 50  | 1.532                 | 1.480  | 1.447  | 1.314  | 1.327  | 1.401  | 1.467  | 1.472  | 40- 50  | 2.032   | 147.2 | 99.2,72.2 |
| 60  | 0.6195                | 0.5797 | 0.5670 | 0.5229 | 0.5141 | 0.5109 | 0.5400 | 0.5822 | 50- 60  | 0.8146  | 148.0 | 99.8,72.6 |
| 70  | 0.0895                | 0.0817 | 0.0840 | 0.0841 | 0.0840 | 0.0849 | 0.0908 | 0.0997 | 60- 70  | 0.2663  | 148.3 | 100,72.7  |
| 80  | 0.0102                | 0.0088 | 0.0102 | 0.0098 | 0.0087 | 0.0089 | 0.0090 | 0.0070 | 70- 80  | 0.0356  | 148.3 | 100,72.7  |
| 90  | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90  | 0.0028  | 148.3 | 100,72.7  |
| 100 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100  | 0       | 148.3 | 100,72.7  |
| 110 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110 | 0       | 148.3 | 100,72.7  |
| 120 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120 | 0       | 148.3 | 100,72.7  |
| 130 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130 | 0       | 148.3 | 100,72.7  |
| 140 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140 | 0       | 148.3 | 100,72.7  |
| 150 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150 | 0       | 148.3 | 100,72.7  |
| 160 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160 | 0       | 148.3 | 100,72.7  |
| 170 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170 | 0       | 148.3 | 100,72.7  |
| 180 | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180 | 0       | 148.3 | 100,72.7  |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT:lm |       |           |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz  
Lamp Flux:203.982x1 lm

NAME: 2468.106

TYPE:

WEIGHT:

SPEC.: 3000K

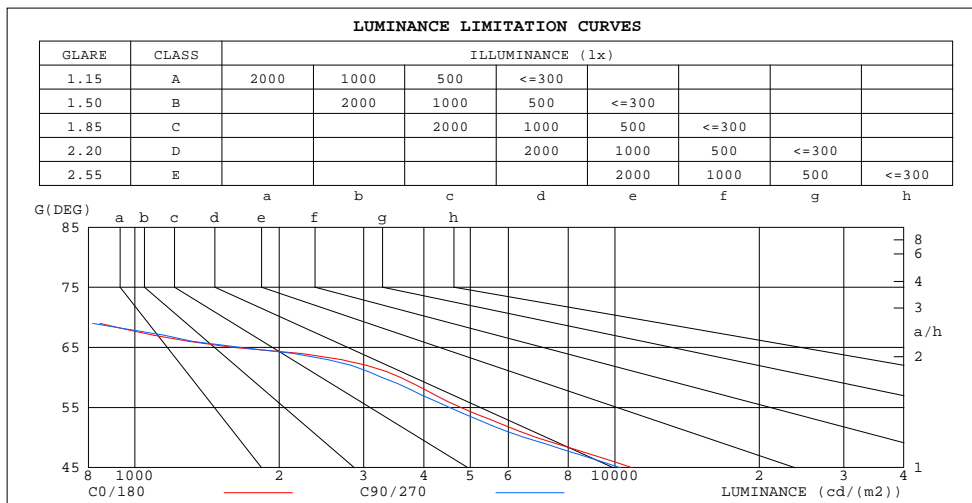
DIM.:

SERIAL No.: 2410171255

MFR.: RISE

SUR.: 0.000346185m2

Shielding Angle:



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(180)            | C0/180 | C90/270 |
| 85                | 83     | 142     |
| 80                | 170    | 170     |
| 75                | 274    | 291     |
| 70                | 755    | 708     |
| 65                | 1601   | 1661    |
| 60                | 3578   | 3272    |
| 55                | 4782   | 4531    |
| 50                | 6883   | 6495    |
| 45                | 10876  | 10265   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

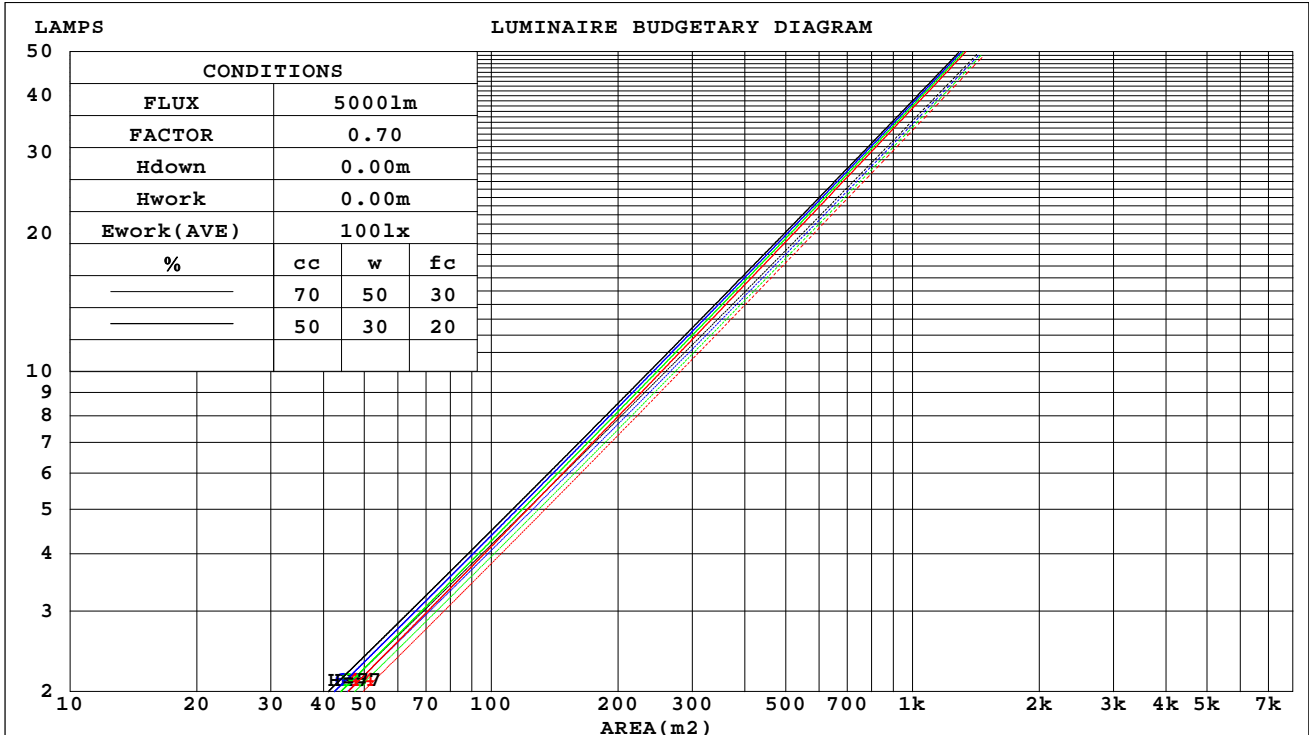
Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz  
Lamp Flux:203.982x1 lm

|                |                     |                        |
|----------------|---------------------|------------------------|
| NAME: 2468.106 | TYPE:               | WEIGHT:                |
| SPEC.: 3000K   | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE     | SUR.: 0.000346185m2 | 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:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

### WEC AND CCEC

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | 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  | .092  | .052 | .017 | .087 | .050 | .016 | .078 | .045 | .014 | .070 | .040 | .013 | .062 | .036 | .012 |   |
| 2.0  | .085  | .046 | .014 | .081 | .045 | .014 | .073 | .041 | .013 | .067 | .037 | .012 | .060 | .034 | .011 |   |
| 3.0  | .078  | .042 | .012 | .075 | .040 | .012 | .069 | .037 | .011 | .063 | .035 | .011 | .058 | .032 | .010 |   |
| 4.0  | .073  | .038 | .011 | .070 | .037 | .011 | .065 | .035 | .010 | .060 | .032 | .010 | .056 | .030 | .009 |   |
| 5.0  | .068  | .035 | .010 | .066 | .034 | .010 | .062 | .032 | .009 | .058 | .030 | .009 | .054 | .029 | .009 |   |
| 6.0  | .064  | .032 | .009 | .062 | .031 | .009 | .058 | .030 | .009 | .055 | .029 | .008 | .052 | .027 | .008 |   |
| 7.0  | .061  | .030 | .008 | .059 | .029 | .008 | .056 | .028 | .008 | .053 | .027 | .008 | .050 | .026 | .008 |   |
| 8.0  | .057  | .028 | .008 | .056 | .028 | .008 | .053 | .027 | .008 | .051 | .026 | .007 | .048 | .025 | .007 |   |
| 9.0  | .055  | .026 | .007 | .053 | .026 | .007 | .051 | .025 | .007 | .049 | .024 | .007 | .046 | .024 | .007 |   |
| 10.0 | .052  | .025 | .007 | .051 | .025 | .007 | .049 | .024 | .007 | .047 | .023 | .007 | .045 | .023 | .006 |   |

| 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  | .139   | .139 | .139 | .118 | .118 | .118 | .081 | .081 | .081 | .046 | .046 | .046 | .015 | .015 | .015 |   |
| 1.0  | .122   | .115 | .108 | .104 | .098 | .093 | .071 | .068 | .064 | .041 | .039 | .037 | .013 | .013 | .012 |   |
| 2.0  | .108   | .097 | .087 | .093 | .083 | .075 | .064 | .057 | .052 | .037 | .033 | .031 | .012 | .011 | .010 |   |
| 3.0  | .097   | .082 | .071 | .083 | .071 | .061 | .057 | .049 | .043 | .033 | .029 | .025 | .011 | .009 | .008 |   |
| 4.0  | .087   | .071 | .059 | .075 | .061 | .051 | .052 | .043 | .036 | .030 | .025 | .021 | .010 | .008 | .007 |   |
| 5.0  | .079   | .062 | .049 | .068 | .054 | .043 | .047 | .037 | .030 | .027 | .022 | .018 | .009 | .007 | .006 |   |
| 6.0  | .073   | .055 | .042 | .062 | .047 | .036 | .043 | .033 | .026 | .025 | .019 | .015 | .008 | .006 | .005 |   |
| 7.0  | .067   | .048 | .036 | .057 | .042 | .031 | .040 | .029 | .022 | .023 | .017 | .013 | .007 | .006 | .004 |   |
| 8.0  | .062   | .043 | .031 | .053 | .038 | .027 | .037 | .026 | .019 | .021 | .016 | .011 | .007 | .005 | .004 |   |
| 9.0  | .057   | .039 | .027 | .049 | .034 | .023 | .034 | .024 | .017 | .020 | .014 | .010 | .006 | .005 | .003 |   |
| 10.0 | .054   | .036 | .024 | .046 | .031 | .021 | .032 | .022 | .015 | .019 | .013 | .009 | .006 | .004 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

|   |                  |      |      |      |                     |                |      |                        |      |      |
|---|------------------|------|------|------|---------------------|----------------|------|------------------------|------|------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                  |      |      |      |                     |                |      |                        |      |      |
| NAME: 2468.106  |                  |      |      |      | TYPE:               |                |      | WEIGHT:                |      |      |
| SPEC.: 3000K  |                  |      |      |      | DIM.:               |                |      | SERIAL No.: 2410171255 |      |      |
| MFR.: RISE  |                  |      |      |      | SUR.: 0.000346185m2 |                |      | 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   | 16.6             | 17.1 | 16.8 | 17.3 | 17.4                | 16.4           | 17.0 | 16.6                   | 17.2 | 17.3 |
| 3H  | 16.5             | 17.0 | 16.7 | 17.2 | 17.4                | 16.3           | 16.9 | 16.6                   | 17.1 | 17.2 |
| 4H  | 16.4             | 16.9 | 16.6 | 17.1 | 17.3                | 16.3           | 16.8 | 16.5                   | 17.0 | 17.2 |
| 6H  | 16.3             | 16.8 | 16.6 | 17.0 | 17.2                | 16.2           | 16.7 | 16.5                   | 16.9 | 17.1 |
| 8H  | 16.3             | 16.7 | 16.5 | 17.0 | 17.2                | 16.1           | 16.6 | 16.4                   | 16.9 | 17.1 |
| 12H   | 16.2             | 16.7 | 16.5 | 16.9 | 17.2                | 16.1           | 16.6 | 16.4                   | 16.8 | 17.1 |
| 4H 2H   | 16.4             | 17.0 | 16.7 | 17.2 | 17.4                | 16.3           | 16.8 | 16.6                   | 17.0 | 17.3 |
| 3H  | 16.3             | 16.8 | 16.6 | 17.0 | 17.3                | 16.2           | 16.7 | 16.5                   | 16.9 | 17.2 |
| 4H  | 16.2             | 16.6 | 16.5 | 16.9 | 17.2                | 16.1           | 16.5 | 16.4                   | 16.8 | 17.1 |
| 6H  | 16.1             | 16.5 | 16.5 | 16.8 | 17.2                | 16.0           | 16.4 | 16.4                   | 16.7 | 17.0 |
| 8H  | 16.1             | 16.4 | 16.4 | 16.8 | 17.1                | 16.0           | 16.3 | 16.3                   | 16.6 | 17.0 |
| 12H   | 16.0             | 16.3 | 16.4 | 16.7 | 17.1                | 15.9           | 16.2 | 16.3                   | 16.6 | 17.0 |
| 8H 4H   | 16.1             | 16.4 | 16.4 | 16.8 | 17.1                | 16.0           | 16.3 | 16.3                   | 16.6 | 17.0 |
| 6H  | 15.9             | 16.2 | 16.4 | 16.6 | 17.0                | 15.8           | 16.1 | 16.3                   | 16.5 | 16.9 |
| 8H  | 15.9             | 16.1 | 16.3 | 16.6 | 17.0                | 15.8           | 16.0 | 16.2                   | 16.4 | 16.9 |
| 12H   | 15.8             | 16.0 | 16.3 | 16.5 | 16.9                | 15.7           | 15.9 | 16.2                   | 16.4 | 16.8 |
| 12H 4H  | 16.0             | 16.3 | 16.4 | 16.7 | 17.1                | 15.9           | 16.2 | 16.3                   | 16.6 | 17.0 |
| 6H  | 15.9             | 16.1 | 16.3 | 16.6 | 17.0                | 15.8           | 16.0 | 16.2                   | 16.4 | 16.9 |
| 8H  | 15.8             | 16.0 | 16.3 | 16.5 | 16.9                | 15.7           | 15.9 | 16.2                   | 16.4 | 16.8 |
| Variations with the observer position at spacings(CIE Pub.117):                     |                  |      |      |      |                     |                |      |                        |      |      |
| S = 1.0H  | + 2.6 / - 4.9    |      |      |      |                     | + 2.6 / - 5.1  |      |                        |      |      |
| 1.5H  | + 4.0 / - 3.7    |      |      |      |                     | + 4.1 / - 3.5  |      |                        |      |      |
| 2.0H  | + 3.9 / - 4.1    |      |      |      |                     | + 3.8 / - 4.0  |      |                        |      |      |

CIE Pub.117, 204.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.5)  
Area: 0.000346185 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |

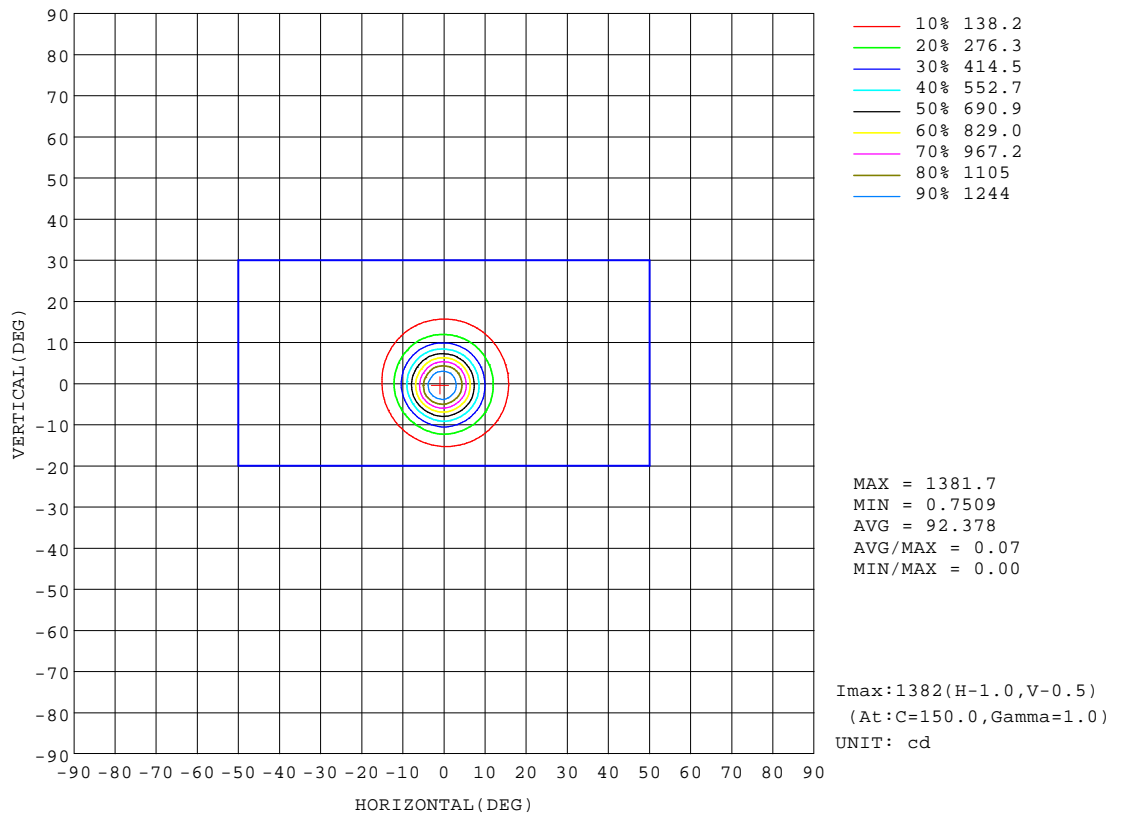
| REFLECTANCE                      |   |     |           |     |     |     |     |               |     |        |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8   | 0.8 | 0.8       | 0.7 | 0.7 | 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  | 61  | 59        | 65  | 61  | 59  | 65  | 61            | 59  | 56     |
| 0.80                             | 71  | 67  | 64        | 70  | 67  | 64  | 69  | 66            | 64  | 62     |
| 1.00                             | 74  | 70  | 67        | 73  | 70  | 67  | 72  | 69            | 67  | 64     |
| 1.25                             | 76  | 73  | 70        | 75  | 72  | 70  | 74  | 72            | 70  | 67     |
| 1.50                             | 78  | 75  | 73        | 77  | 74  | 72  | 76  | 73            | 72  | 68     |
| 2.00                             | 80  | 77  | 75        | 79  | 76  | 74  | 77  | 75            | 73  | 69     |
| 2.50                             | 81  | 78  | 76        | 80  | 77  | 76  | 77  | 76            | 74  | 70     |
| 3.00                             | 82  | 80  | 78        | 81  | 78  | 77  | 78  | 77            | 75  | 71     |
| 4.00                             | 83  | 81  | 80        | 82  | 80  | 79  | 79  | 78            | 77  | 72     |
| 5.00                             | 84  | 83  | 81        | 83  | 81  | 80  | 80  | 79            | 78  | 73     |
| 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:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |

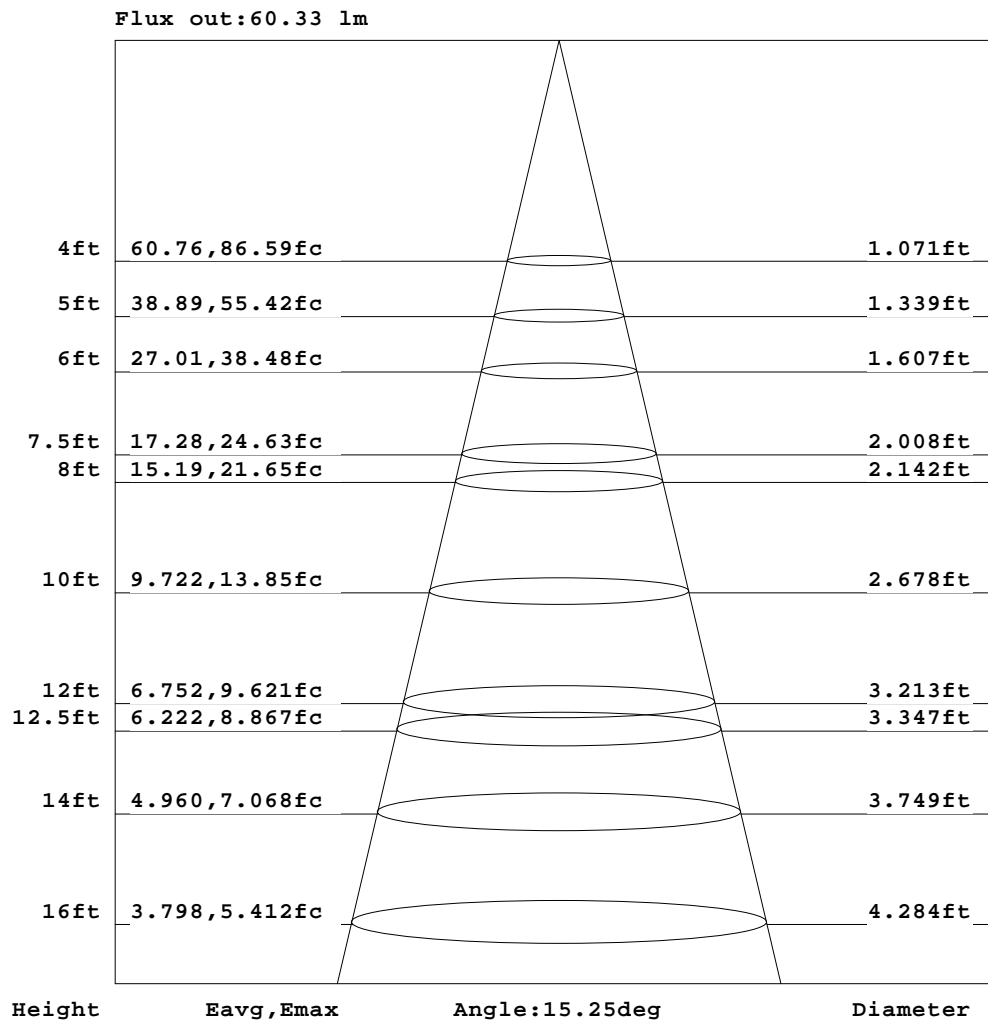


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up

## AAI Figure

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |



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

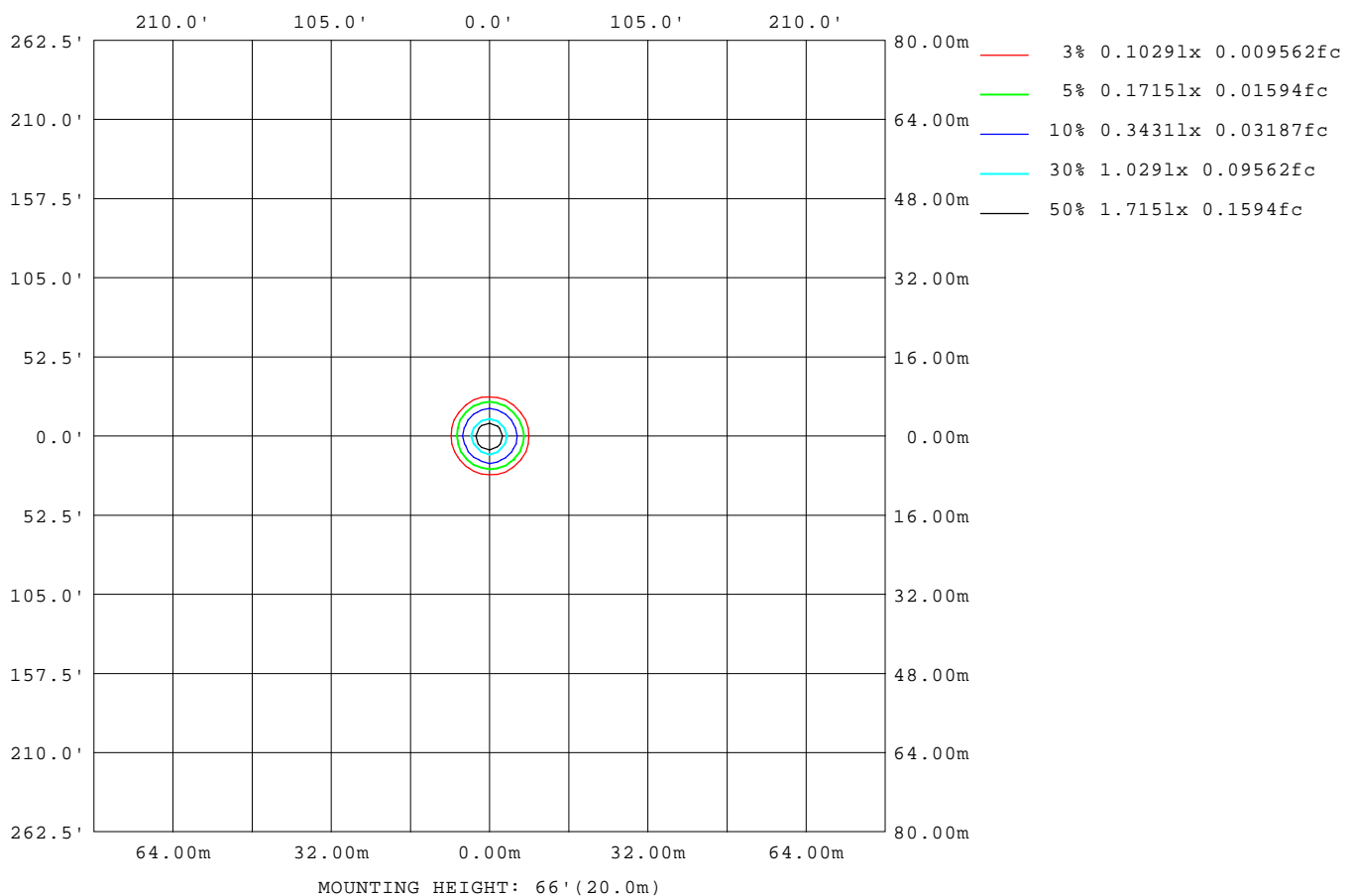
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
30minutes warm-up



## ISOLUX DIAGRAM

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-10-17

```

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:BXEX-30G-11H-3A-00-0-0 Ra:90
          LENS:10R
          NOT DRIVER:700mA
          30minutes warm-up

```

### LED Avg.L Report

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |

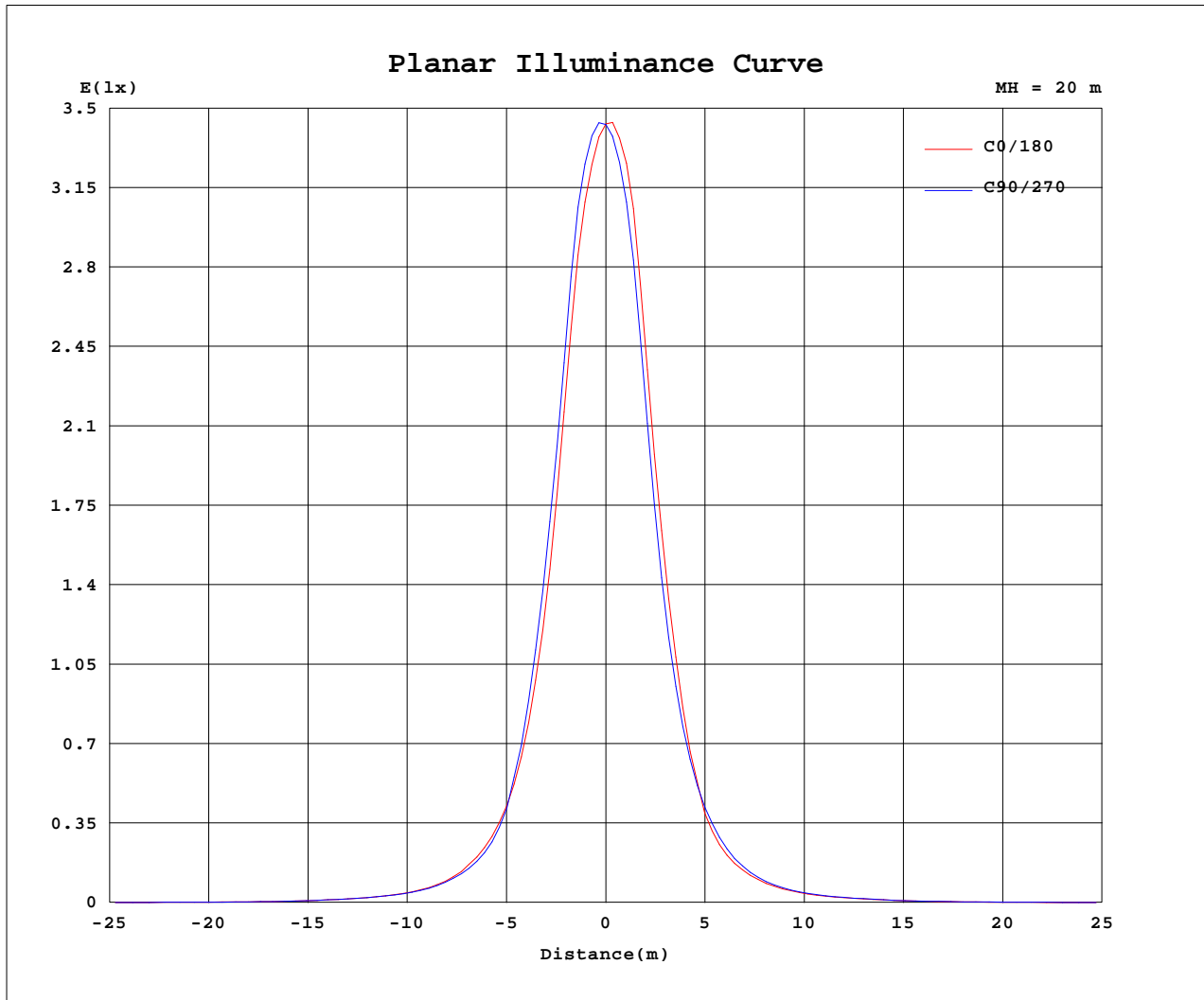
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 1543  |
| L_0~180(75)av  | 292   |
| L_0~180(85)av  | 98    |
| L_90~270(65)av | 1557  |
| L_90~270(75)av | 279   |
| L_90~270(85)av | 123   |
| L_45(65)av     | 1526  |
| L_45(75)av     | 280   |
| L_45(85)av     | 13    |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-10-17

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:BXEX-30G-11H-3A-00-0-0 Ra:90  
LENS:10R  
NOT DRIVER:700mA  
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: 2024-10-17

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: BXEX-30G-11H-3A-00-0-0 Ra: 90  
 LENS: 10R  
 NOT DRIVER: 700mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

|   |                     |                        |
|---|---------------------|------------------------|
| Test:U:3.2963V I:0.7000A P:2.3074W PF:1.0000 Freq:49.99Hz<br>Lamp Flux:203.982x1 lm |                     |                        |
| NAME: 2468.106  | TYPE:               | WEIGHT:                |
| SPEC.: 3000K  | DIM.:               | SERIAL No.: 2410171255 |
| MFR.: RISE  | SUR.: 0.000346185m2 | Shielding Angle:       |

Table--1

UNIT: cd

| C(DEG)<br>(DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0               | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 | 1373 |  |  |  |  |  |  |
| 5               | 1023 | 1059 | 1074 | 1117 | 1132 | 1140 | 1102 | 1049 | 1031 | 1007 | 1011 | 1010 |  |  |  |  |  |  |
| 10              | 410  | 436  | 453  | 467  | 447  | 442  | 453  | 435  | 419  | 400  | 398  | 397  |  |  |  |  |  |  |
| 15              | 157  | 159  | 153  | 147  | 138  | 136  | 140  | 147  | 154  | 155  | 154  | 152  |  |  |  |  |  |  |
| 20              | 66.2 | 67.1 | 64.5 | 61.4 | 59.3 | 57.7 | 58.2 | 61.1 | 64.9 | 64.6 | 64.4 | 63.9 |  |  |  |  |  |  |
| 25              | 30.1 | 30.8 | 29.6 | 29.2 | 28.8 | 28.1 | 28.0 | 28.6 | 30.1 | 30.1 | 30.0 | 29.5 |  |  |  |  |  |  |
| 30              | 16.0 | 16.2 | 15.9 | 15.8 | 15.6 | 15.2 | 15.1 | 15.5 | 16.0 | 16.2 | 16.1 | 16.0 |  |  |  |  |  |  |
| 35              | 9.02 | 9.01 | 8.97 | 8.99 | 8.95 | 8.71 | 8.77 | 8.95 | 9.14 | 9.26 | 9.12 | 9.10 |  |  |  |  |  |  |
| 40              | 4.74 | 4.76 | 4.60 | 4.58 | 4.35 | 4.29 | 4.39 | 4.52 | 4.68 | 4.77 | 4.84 | 4.78 |  |  |  |  |  |  |
| 45              | 2.66 | 2.65 | 2.53 | 2.52 | 2.28 | 2.32 | 2.33 | 2.43 | 2.48 | 2.58 | 2.60 | 2.60 |  |  |  |  |  |  |
| 50              | 1.53 | 1.49 | 1.47 | 1.45 | 1.30 | 1.33 | 1.33 | 1.39 | 1.41 | 1.47 | 1.47 | 1.48 |  |  |  |  |  |  |
| 55              | 0.95 | 0.91 | 0.91 | 0.90 | 0.81 | 0.83 | 0.82 | 0.85 | 0.86 | 0.91 | 0.92 | 0.92 |  |  |  |  |  |  |
| 60              | 0.62 | 0.59 | 0.57 | 0.57 | 0.52 | 0.53 | 0.51 | 0.51 | 0.52 | 0.54 | 0.57 | 0.60 |  |  |  |  |  |  |
| 65              | 0.23 | 0.24 | 0.24 | 0.24 | 0.22 | 0.23 | 0.22 | 0.20 | 0.20 | 0.21 | 0.23 | 0.24 |  |  |  |  |  |  |
| 70              | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.11 |  |  |  |  |  |  |
| 75              | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |  |  |  |  |  |  |
| 80              | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |  |  |  |  |  |  |
| 85              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |
| 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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