

Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 79.3% | |
| Luminaire Power: | 9.706 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: 2026-3-26

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: BXRH-30G0600-A-83 Ra:90
LENS: PM-1117A 24R
DRIVER: LD008D-CU02040 200mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

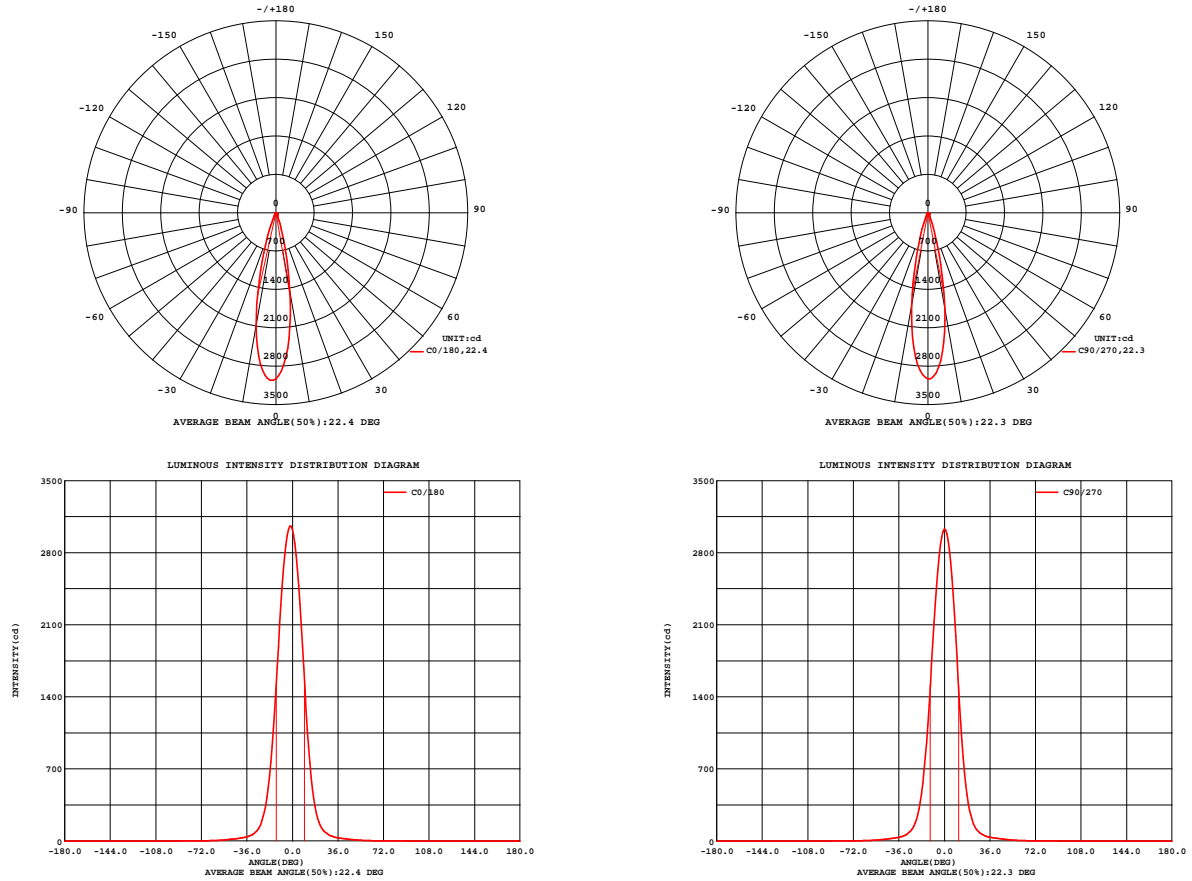


Fig. C0/C180

Fig. C90/C270

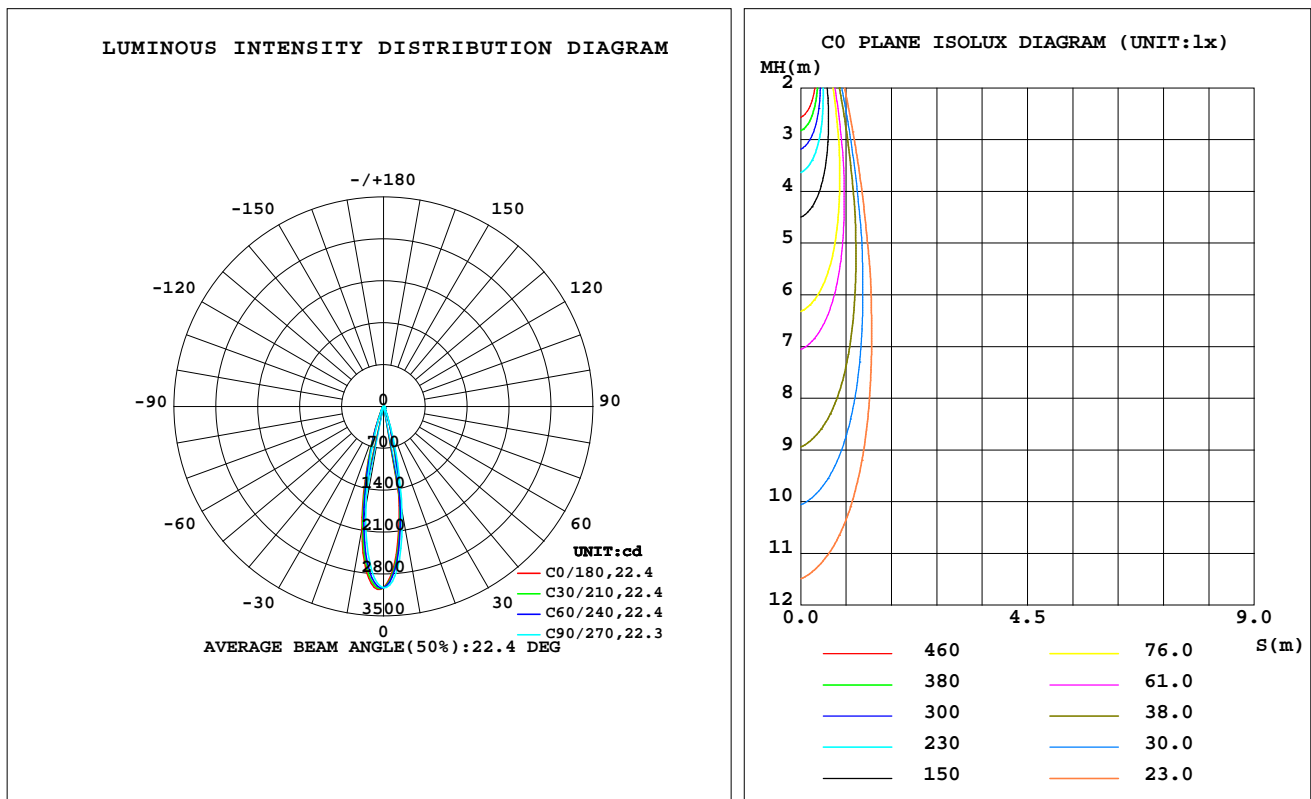
C Range: 0 - 360DEG
C Interval: 30.0DEG
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Temperature: 25.3 °C
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Remarks: LAMP: BXRH-30G0600-A-83 Ra: 90
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DRIVER: LD008D-CU02040 200mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------|------------------------|
| Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz Lamp Flux:725.92x1 lm | | |
| NAME: 2529.401 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2603260054 |
| MFR.: RISE | SUR.: 0.00080384m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 59.33 lm/W | | | |
|------------------|-----------|----------------------------------|--------|-------------------|----------|
| MODEL | Bridgelux | I _{max} (cd) | 3058 | S/MH(C0/180) | 0.42 |
| NOMINAL POWER(W) | 9 | LOR(%) | 79.3 | S/MH(C90/270) | 0.38 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 575.92 | η UP,DN(C0-180) | 0.0,38.6 |
| NOMINAL FLUX(lm) | 725.92 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,40.7 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE(V) | 220 | η down(%) | 79.3 | CIBSE SHR MAX | 0.30 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
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 | 1464 | 1570 | 1783 | 2011 | 2088 | 1957 | 1721 | 1521 | 0- 10 | 225.5 | 225.5 | 39.1,31.1 |
| 20 | 222.4 | 245.2 | 296.0 | 372.9 | 426.7 | 387.6 | 309.3 | 246.9 | 10- 20 | 234.7 | 460.2 | 79.9,63.4 |
| 30 | 52.68 | 56.42 | 62.99 | 70.76 | 74.23 | 70.26 | 62.03 | 55.14 | 20- 30 | 64.11 | 524.3 | 91,72.2 |
| 40 | 23.99 | 25.87 | 28.33 | 29.50 | 29.92 | 29.03 | 27.49 | 24.96 | 30- 40 | 25.39 | 549.7 | 95.4,75.7 |
| 50 | 10.56 | 11.77 | 13.55 | 14.36 | 14.37 | 13.67 | 12.67 | 11.02 | 40- 50 | 15.02 | 564.7 | 98,77.8 |
| 60 | 3.852 | 4.132 | 4.839 | 5.263 | 5.331 | 5.195 | 4.824 | 4.064 | 50- 60 | 7.266 | 572.0 | 99.3,78.8 |
| 70 | 1.266 | 1.325 | 1.619 | 1.760 | 1.843 | 1.823 | 1.715 | 1.354 | 60- 70 | 2.858 | 574.8 | 99.8,79.2 |
| 80 | 0.2923 | 0.3242 | 0.4137 | 0.4782 | 0.5363 | 0.5147 | 0.4464 | 0.3310 | 70- 80 | 0.9438 | 575.8 | 100,79.3 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.1641 | 575.9 | 100,79.3 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 575.9 | 100,79.3 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 575.9 | 100,79.3 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 575.9 | 100,79.3 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 575.9 | 100,79.3 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 575.9 | 100,79.3 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 575.9 | 100,79.3 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 575.9 | 100,79.3 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 575.9 | 100,79.3 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 575.9 | 100,79.3 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz
Lamp Flux:725.92x1 lm

NAME: 2529.401

TYPE:

WEIGHT:

SPEC.: 3000K

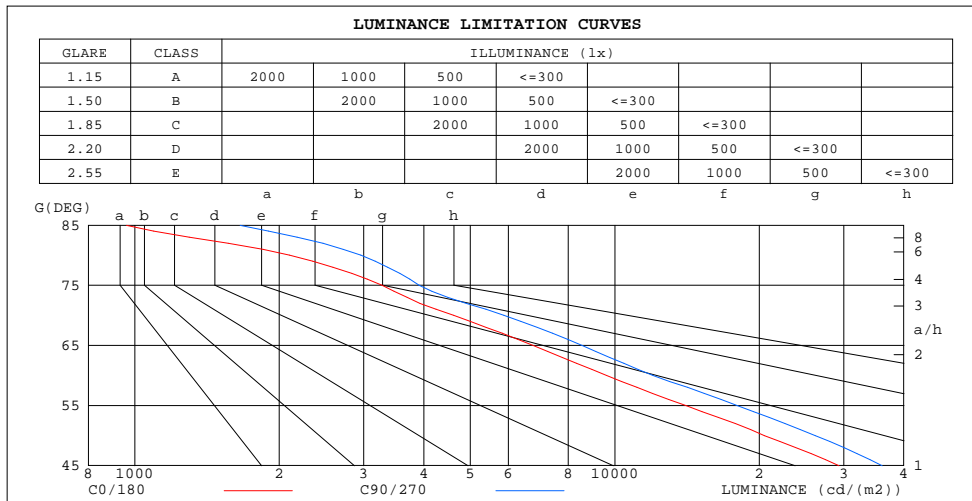
DIM.:

SERIAL No.: 2603260054

MFR.: RISE

SUR.: 0.00080384m2

Shielding Angle:



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 961 | 1657 |
| 80 | 2100 | 2957 |
| 75 | 3273 | 3907 |
| 70 | 4617 | 5877 |
| 65 | 6750 | 8542 |
| 60 | 9610 | 12014 |
| 55 | 14069 | 17985 |
| 50 | 20484 | 26162 |
| 45 | 29299 | 36045 |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
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30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz
Lamp Flux:725.92x1 lm

NAME: 2529.401

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

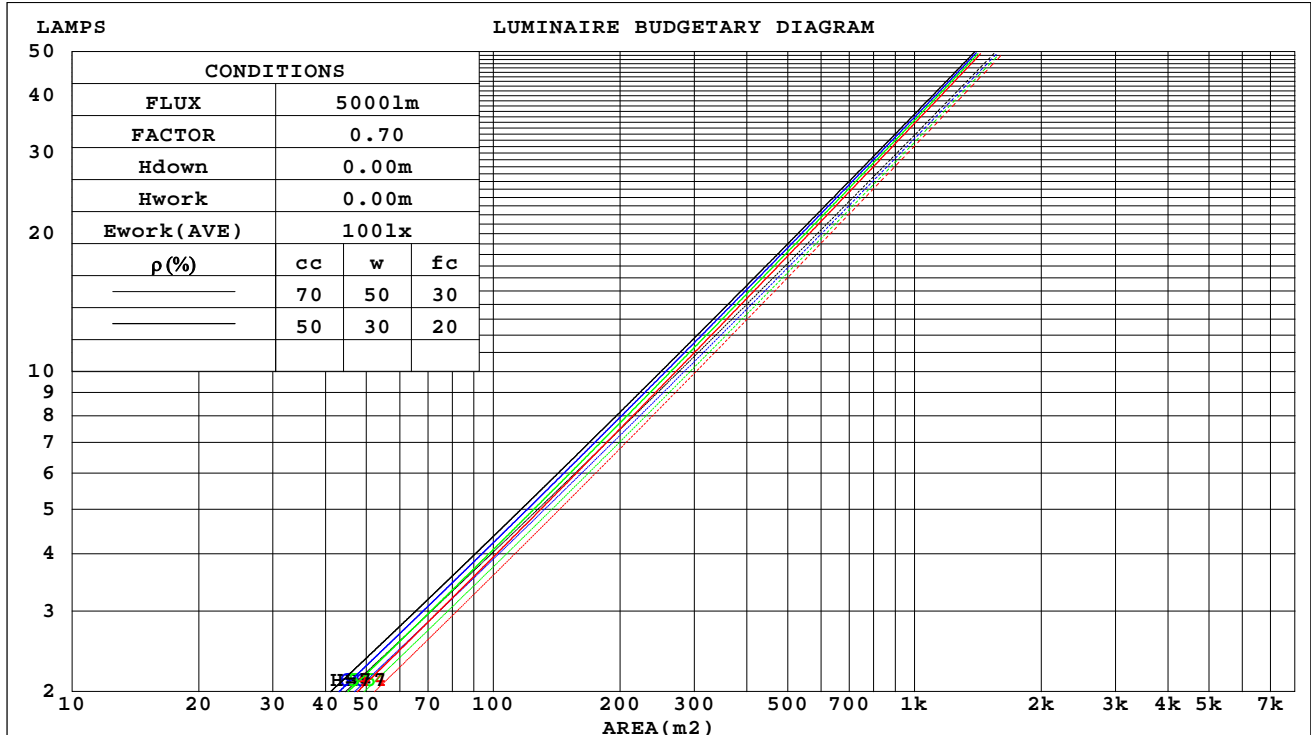
SERIAL No.: 2603260054

MFR.: RISE

SUR.: 0.00080384m2

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



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

WEC AND CCEC

| | | |
|--|--------------------|------------------------|
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| NAME: 2529.401 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2603260054 |
| MFR.: RISE | SUR.: 0.00080384m2 | 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 | .111 | .063 | .020 | .105 | .060 | .019 | .096 | .055 | .018 | .087 | .050 | .016 | .078 | .045 | .015 | |
| 2.0 | .103 | .056 | .017 | .099 | .054 | .017 | .090 | .050 | .016 | .083 | .047 | .015 | .076 | .043 | .014 | |
| 3.0 | .096 | .051 | .015 | .092 | .049 | .015 | .085 | .046 | .014 | .079 | .043 | .013 | .073 | .041 | .013 | |
| 4.0 | .090 | .047 | .014 | .087 | .045 | .013 | .081 | .043 | .013 | .076 | .041 | .012 | .071 | .038 | .012 | |
| 5.0 | .084 | .043 | .012 | .082 | .042 | .012 | .077 | .040 | .012 | .072 | .038 | .011 | .068 | .036 | .011 | |
| 6.0 | .080 | .040 | .011 | .077 | .039 | .011 | .073 | .037 | .011 | .069 | .036 | .011 | .065 | .034 | .010 | |
| 7.0 | .075 | .037 | .011 | .073 | .037 | .010 | .070 | .035 | .010 | .066 | .034 | .010 | .063 | .033 | .010 | |
| 8.0 | .072 | .035 | .010 | .070 | .034 | .010 | .067 | .033 | .010 | .064 | .032 | .009 | .061 | .031 | .009 | |
| 9.0 | .068 | .033 | .009 | .067 | .032 | .009 | .064 | .032 | .009 | .061 | .031 | .009 | .059 | .030 | .009 | |
| 10.0 | .065 | .031 | .009 | .064 | .031 | .009 | .061 | .030 | .008 | .059 | .029 | .008 | .057 | .029 | .008 | |

| 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 | .151 | .151 | .151 | .129 | .129 | .129 | .088 | .088 | .088 | .051 | .051 | .051 | .016 | .016 | .016 | | |
| 1.0 | .134 | .125 | .117 | .114 | .107 | .101 | .078 | .074 | .070 | .045 | .043 | .041 | .014 | .014 | .013 | | |
| 2.0 | .119 | .105 | .093 | .102 | .091 | .081 | .070 | .063 | .056 | .040 | .036 | .033 | .013 | .012 | .011 | | |
| 3.0 | .108 | .090 | .076 | .092 | .078 | .066 | .063 | .054 | .046 | .037 | .031 | .027 | .012 | .010 | .009 | | |
| 4.0 | .098 | .078 | .062 | .084 | .067 | .054 | .058 | .047 | .038 | .033 | .027 | .023 | .011 | .009 | .007 | | |
| 5.0 | .089 | .068 | .052 | .077 | .059 | .045 | .053 | .041 | .032 | .031 | .024 | .019 | .010 | .008 | .006 | | |
| 6.0 | .082 | .060 | .044 | .071 | .052 | .038 | .049 | .036 | .027 | .028 | .021 | .016 | .009 | .007 | .005 | | |
| 7.0 | .076 | .054 | .038 | .066 | .046 | .033 | .045 | .033 | .023 | .026 | .019 | .014 | .009 | .006 | .005 | | |
| 8.0 | .071 | .048 | .032 | .061 | .042 | .028 | .042 | .029 | .020 | .025 | .017 | .012 | .008 | .006 | .004 | | |
| 9.0 | .066 | .044 | .028 | .057 | .038 | .025 | .040 | .027 | .017 | .023 | .016 | .010 | .007 | .005 | .003 | | |
| 10.0 | .063 | .040 | .025 | .054 | .035 | .022 | .037 | .024 | .015 | .022 | .014 | .009 | .007 | .005 | .003 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

γ Range: 0 - 180DEG
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Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|--------------------|----------------|------|------------------------|------|------|
| Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz Lamp Flux:725.92x1 lm | | | | | | | | | | |
| NAME: 2529.401 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2603260054 | | |
| MFR.: RISE | | | | | SUR.: 0.00080384m2 | | | 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 | 16.1 | 16.7 | 16.3 | 16.9 | 17.0 | 16.8 | 17.4 | 17.0 | 17.6 | 17.7 |
| 3H | 16.1 | 16.7 | 16.4 | 16.9 | 17.1 | 16.9 | 17.5 | 17.1 | 17.7 | 17.8 |
| 4H | 16.1 | 16.7 | 16.4 | 16.9 | 17.1 | 16.8 | 17.4 | 17.1 | 17.6 | 17.8 |
| 6H | 16.0 | 16.6 | 16.3 | 16.8 | 17.1 | 16.8 | 17.3 | 17.1 | 17.6 | 17.8 |
| 8H | 16.0 | 16.5 | 16.3 | 16.8 | 17.0 | 16.7 | 17.3 | 17.0 | 17.5 | 17.8 |
| 12H | 16.0 | 16.5 | 16.3 | 16.7 | 17.0 | 16.7 | 17.2 | 17.0 | 17.5 | 17.8 |
| 4H 2H | 16.1 | 16.7 | 16.3 | 16.9 | 17.1 | 16.7 | 17.3 | 17.0 | 17.5 | 17.7 |
| 3H | 16.2 | 16.7 | 16.5 | 16.9 | 17.2 | 16.8 | 17.3 | 17.1 | 17.6 | 17.9 |
| 4H | 16.1 | 16.6 | 16.5 | 16.9 | 17.2 | 16.8 | 17.3 | 17.2 | 17.6 | 17.9 |
| 6H | 16.1 | 16.5 | 16.5 | 16.8 | 17.2 | 16.8 | 17.2 | 17.1 | 17.5 | 17.9 |
| 8H | 16.0 | 16.4 | 16.4 | 16.8 | 17.1 | 16.7 | 17.1 | 17.1 | 17.5 | 17.8 |
| 12H | 16.0 | 16.4 | 16.4 | 16.7 | 17.1 | 16.7 | 17.0 | 17.1 | 17.4 | 17.8 |
| 8H 4H | 16.0 | 16.4 | 16.4 | 16.8 | 17.1 | 16.7 | 17.1 | 17.1 | 17.4 | 17.8 |
| 6H | 16.0 | 16.3 | 16.4 | 16.7 | 17.1 | 16.7 | 17.0 | 17.1 | 17.4 | 17.8 |
| 8H | 15.9 | 16.2 | 16.4 | 16.6 | 17.1 | 16.6 | 16.9 | 17.1 | 17.3 | 17.8 |
| 12H | 15.9 | 16.1 | 16.3 | 16.6 | 17.0 | 16.6 | 16.8 | 17.0 | 17.3 | 17.7 |
| 12H 4H | 16.0 | 16.3 | 16.4 | 16.7 | 17.1 | 16.6 | 17.0 | 17.0 | 17.4 | 17.8 |
| 6H | 15.9 | 16.2 | 16.4 | 16.6 | 17.1 | 16.6 | 16.9 | 17.0 | 17.3 | 17.7 |
| 8H | 15.9 | 16.1 | 16.4 | 16.6 | 17.0 | 16.6 | 16.8 | 17.0 | 17.3 | 17.7 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.6 / - 2.9 | | | | | + 1.5 / - 2.5 | | | | |
| 1.5H | + 1.7 / - 1.9 | | | | | + 1.9 / - 2.2 | | | | |
| 2.0H | + 3.2 / - 3.2 | | | | | + 3.6 / - 3.8 | | | | |

CIE Pub.117, 725.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.1)
Area: 0.00080384 m2

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Remarks: LAMP:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
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30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|--|--------------------|------------------------|
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| MFR.: RISE | SUR.: 0.00080384m2 | Shielding Angle: |

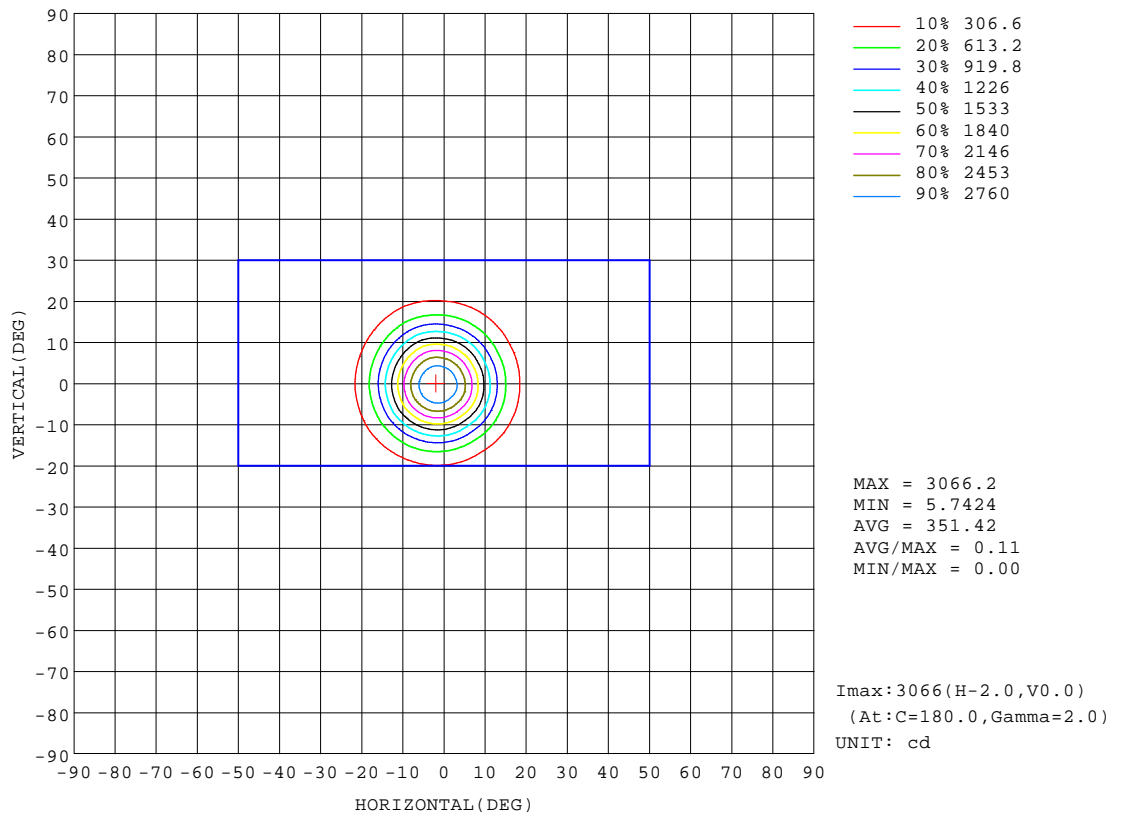
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 70 | 65 | 63 | 70 | 65 | 63 | 69 | 65 | 62 | 60 |
| 0.80 | 76 | 72 | 69 | 76 | 71 | 69 | 75 | 71 | 68 | 66 |
| 1.00 | 79 | 75 | 72 | 79 | 75 | 72 | 78 | 75 | 72 | 69 |
| 1.25 | 82 | 79 | 76 | 82 | 78 | 76 | 80 | 77 | 75 | 72 |
| 1.50 | 85 | 81 | 78 | 84 | 80 | 78 | 82 | 79 | 77 | 74 |
| 2.00 | 86 | 83 | 81 | 85 | 83 | 80 | 83 | 81 | 79 | 75 |
| 2.50 | 88 | 85 | 83 | 87 | 84 | 82 | 84 | 82 | 80 | 76 |
| 3.00 | 89 | 86 | 84 | 88 | 85 | 83 | 85 | 83 | 82 | 77 |
| 4.00 | 91 | 88 | 87 | 89 | 87 | 86 | 86 | 85 | 83 | 78 |
| 5.00 | 91 | 90 | 88 | 90 | 88 | 87 | 87 | 86 | 85 | 79 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

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Operators:zoe
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Remarks: LAMP:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|--|--------------------|------------------------|
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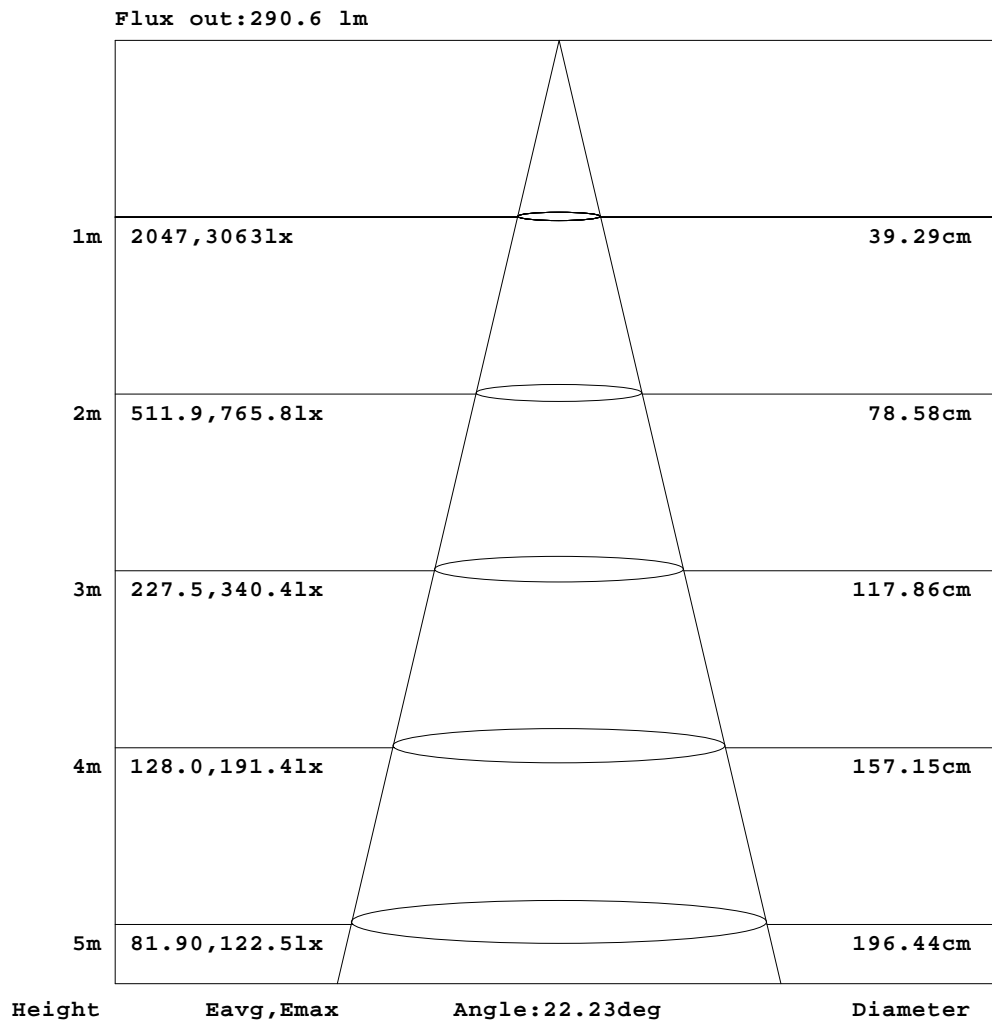


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

AAI Figure

| | | |
|--|--------------------|------------------------|
| Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz Lamp Flux:725.92x1 lm | | |
| NAME: 2529.401 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2603260054 |
| MFR.: RISE | SUR.: 0.00080384m2 | Shielding Angle: |



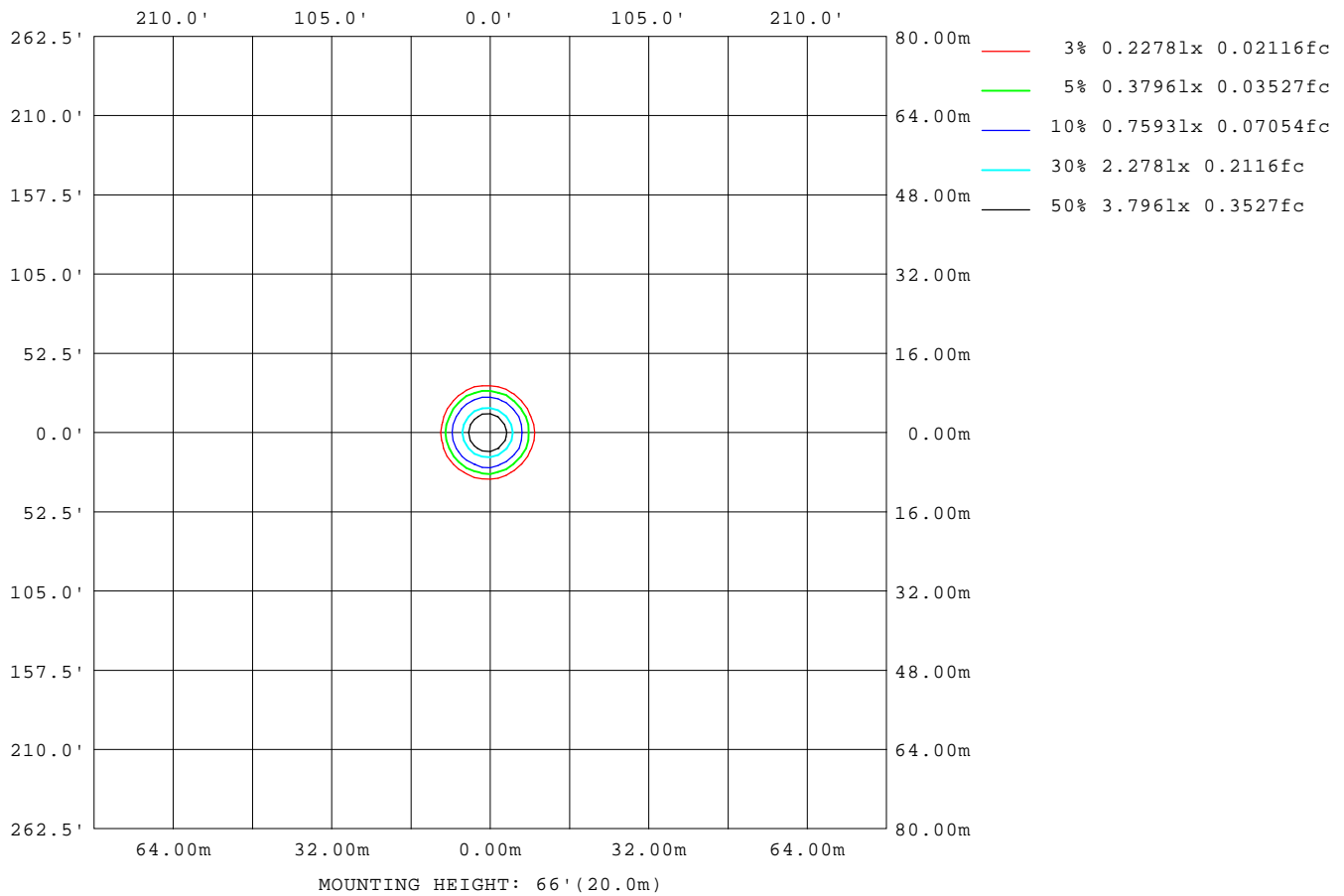
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|--|--------------------|------------------------|
| Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz Lamp Flux:725.92x1 lm | | |
| NAME: 2529.401 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2603260054 |
| MFR.: RISE | SUR.: 0.00080384m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
30minutes warm-up

LED Avg.L Report

| | | |
|--|--------------------|------------------------|
| Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz Lamp Flux:725.92x1 lm | | |
| NAME: 2529.401 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2603260054 |
| MFR.: RISE | SUR.: 0.00080384m2 | Shielding Angle: |

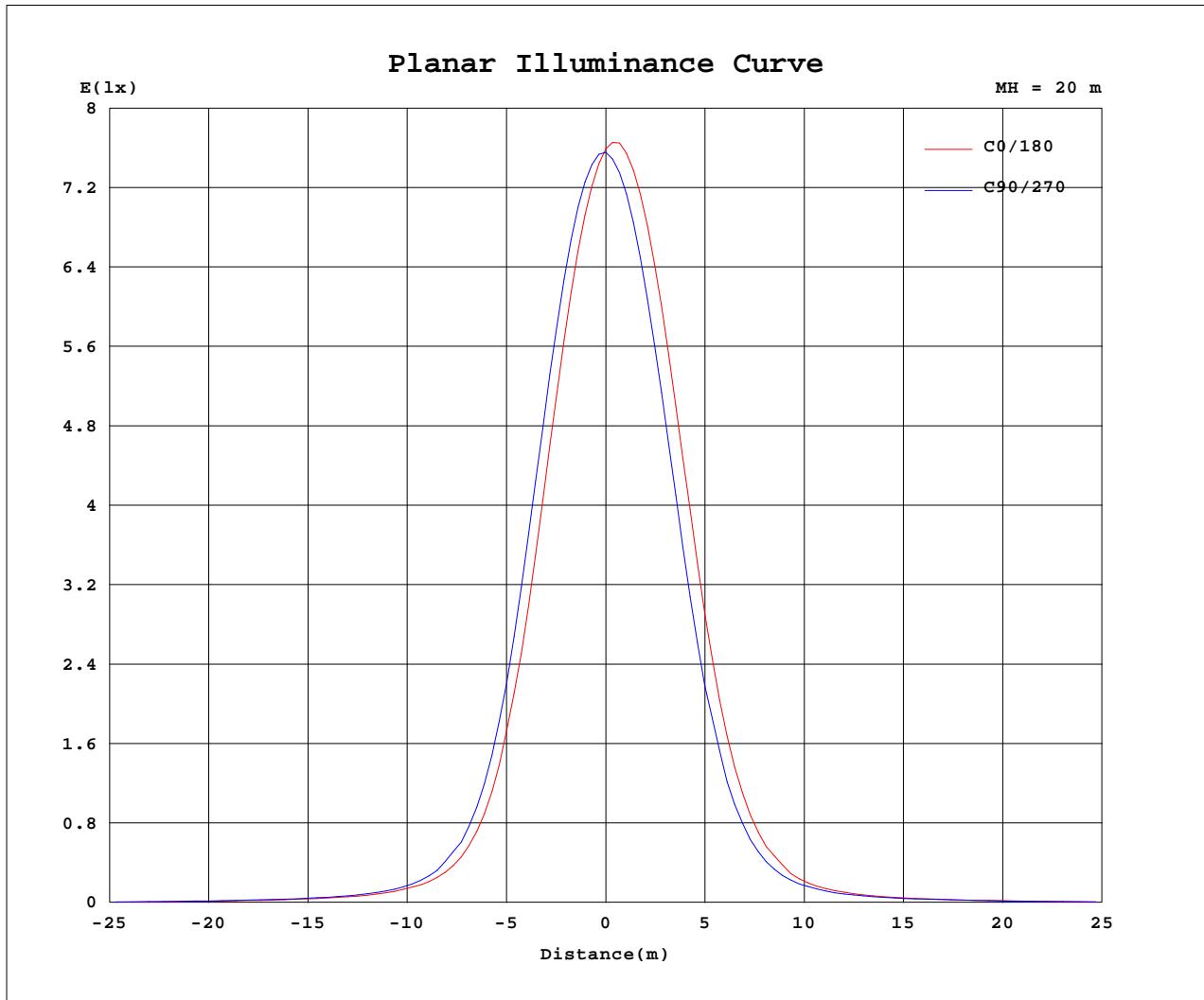
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 8023 |
| L_0~180(75)av | 4011 |
| L_0~180(85)av | 1824 |
| L_90~270(65)av | 8676 |
| L_90~270(75)av | 4148 |
| L_90~270(85)av | 1662 |
| L_45(65)av | 8098 |
| L_45(75)av | 4026 |
| L_45(85)av | 1597 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2026-3-26

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:BXRH-30G0600-A-83 Ra:90
LENS:PM-1117A 24R
DRIVER:LD008D-CU02040 200mA
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: 2026-3-26

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: BXRH-30G0600-A-83 Ra: 90
 LENS: PM-1117A 24R
 DRIVER: LD008D-CU02040 200mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------------|------------------------|
| Test:U:220.13V I:0.0485A P:9.7065W PF:0.9045 Freq:49.99Hz Lamp Flux:725.92x1 lm | | |
| NAME: 2529.401 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2603260054 |
| MFR.: RISE | SUR.: 0.00080384m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | 3029 | | | | | | |
| 5 | 2478 | 2533 | 2591 | 2706 | 2806 | 2875 | 2878 | 2823 | 2756 | 2633 | 2534 | 2468 | | | | | | |
| 10 | 1464 | 1542 | 1599 | 1783 | 1950 | 2073 | 2088 | 2006 | 1909 | 1721 | 1575 | 1467 | | | | | | |
| 15 | 614 | 650 | 703 | 813 | 938 | 1057 | 1089 | 1024 | 963 | 827 | 704 | 619 | | | | | | |
| 20 | 222 | 244 | 247 | 296 | 343 | 402 | 427 | 398 | 377 | 309 | 266 | 228 | | | | | | |
| 25 | 95.9 | 101 | 107 | 121 | 134 | 151 | 157 | 149 | 143 | 122 | 109 | 97.0 | | | | | | |
| 30 | 52.7 | 55.1 | 57.7 | 63.0 | 67.8 | 73.8 | 74.2 | 71.7 | 68.9 | 62.0 | 57.4 | 52.9 | | | | | | |
| 35 | 34.0 | 35.5 | 37.2 | 39.8 | 41.6 | 43.9 | 44.1 | 43.0 | 41.3 | 38.7 | 36.5 | 34.1 | | | | | | |
| 40 | 24.0 | 25.4 | 26.3 | 28.3 | 29.0 | 30.0 | 29.9 | 29.6 | 28.5 | 27.5 | 25.8 | 24.1 | | | | | | |
| 45 | 16.6 | 17.8 | 18.6 | 20.5 | 21.0 | 21.5 | 21.3 | 21.1 | 20.3 | 19.5 | 17.8 | 16.6 | | | | | | |
| 50 | 10.6 | 11.4 | 12.1 | 13.5 | 14.1 | 14.6 | 14.4 | 13.9 | 13.4 | 12.7 | 11.4 | 10.6 | | | | | | |
| 55 | 6.47 | 6.92 | 7.37 | 8.31 | 8.86 | 9.11 | 8.91 | 8.81 | 8.56 | 8.02 | 7.16 | 6.52 | | | | | | |
| 60 | 3.85 | 4.05 | 4.21 | 4.84 | 5.16 | 5.37 | 5.33 | 5.24 | 5.15 | 4.82 | 4.28 | 3.85 | | | | | | |
| 65 | 2.29 | 2.38 | 2.43 | 2.91 | 3.05 | 3.12 | 3.16 | 3.14 | 3.12 | 2.99 | 2.56 | 2.27 | | | | | | |
| 70 | 1.27 | 1.33 | 1.32 | 1.62 | 1.75 | 1.77 | 1.84 | 1.82 | 1.82 | 1.71 | 1.44 | 1.27 | | | | | | |
| 75 | 0.68 | 0.71 | 0.70 | 0.81 | 0.90 | 0.94 | 0.99 | 0.98 | 0.98 | 0.91 | 0.79 | 0.70 | | | | | | |
| 80 | 0.29 | 0.32 | 0.33 | 0.41 | 0.46 | 0.49 | 0.54 | 0.52 | 0.51 | 0.45 | 0.36 | 0.30 | | | | | | |
| 85 | 0.07 | 0.07 | 0.08 | 0.12 | 0.14 | 0.17 | 0.19 | 0.16 | 0.14 | 0.12 | 0.08 | 0.06 | | | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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Operators:zoe
Test Date:2026-3-26

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