

Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 86.9% | |
| Luminaire Power: | 8.243 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.60 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-9-11

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-30G06T0-C-83 Ra:90
LENS: PM-1084B 36R
DRIVER: SC30W150-700CG-4 200mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

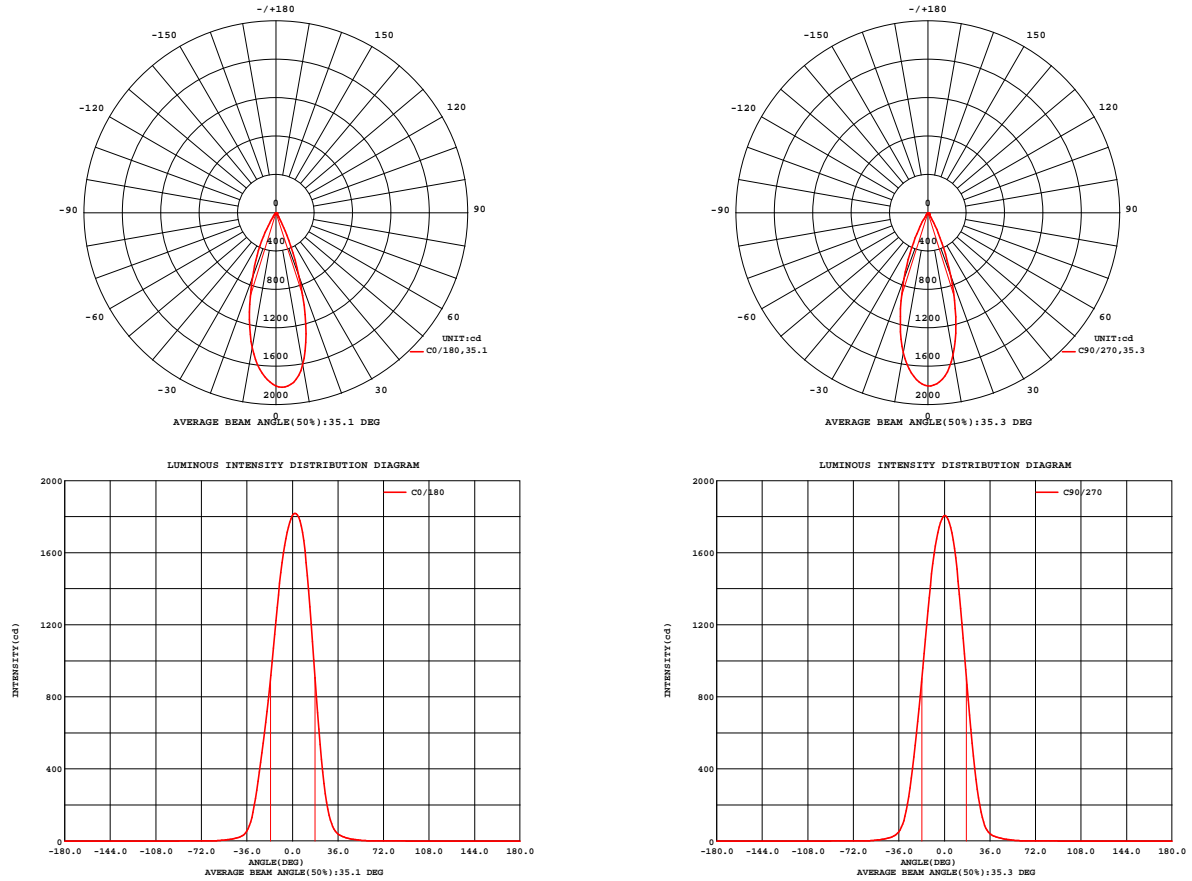


Fig. C0/C180

Fig. C90/C270

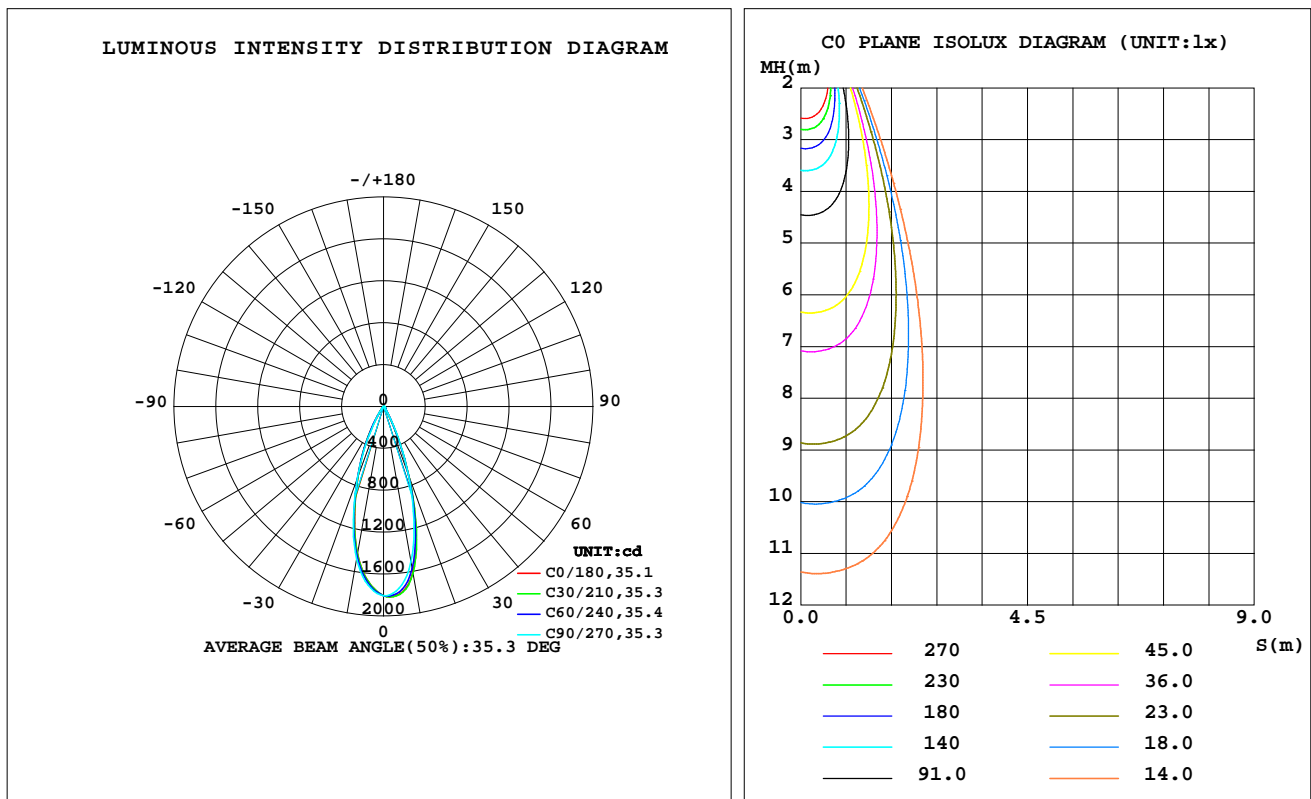
C Range: 0 - 360DEG
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DRIVER: SC30W150-700CG-4 200mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 84.60 lm/W | | | |
|------------------|-----------|----------------------------------|--------|------------------------|----------|
| MODEL | Brideglux | Imax(cd) | 1820 | S/MH(C0/180) | 0.57 |
| NOMINAL POWER(W) | 8 | LOR(%) | 86.9 | S/MH(C90/270) | 0.58 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 697.37 | η UP,DN(C0-180) | 0.0,42.6 |
| NOMINAL FLUX(lm) | 802.29 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,44.3 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 220 | η down(%) | 86.9 | CIBSE SHR MAX | 0.60 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

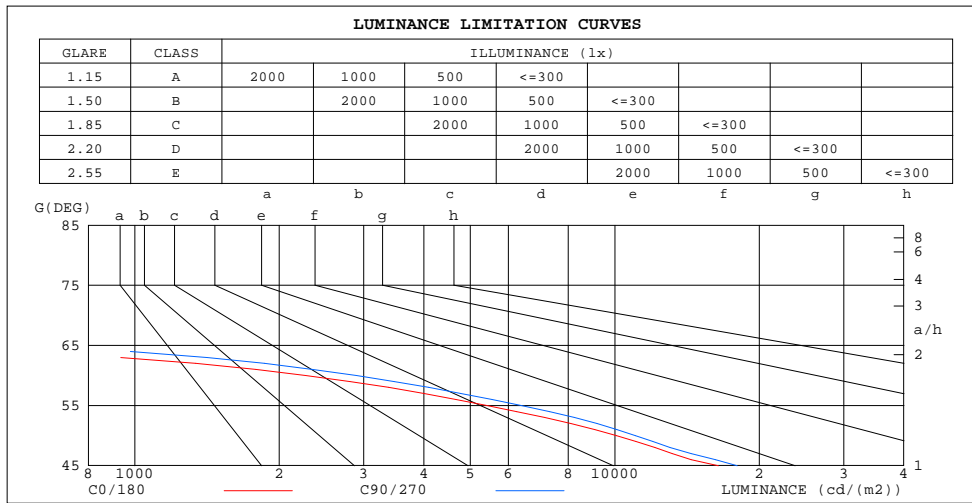
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10 | 1610 | 1595 | 1509 | 1430 | 1430 | 1446 | 1482 | 1560 | 0- 10 | 158.2 | 158.2 | 22.7,19.7 |
| 20 | 711.1 | 715.8 | 698.5 | 691.4 | 718.0 | 729.2 | 733.4 | 746.3 | 10- 20 | 306.7 | 464.9 | 66.7,58 |
| 30 | 116.9 | 116.6 | 130.5 | 157.6 | 197.5 | 197.9 | 168.5 | 140.5 | 20- 30 | 175.5 | 640.5 | 91.8,79.8 |
| 40 | 24.34 | 24.08 | 25.16 | 26.07 | 27.35 | 27.97 | 26.84 | 25.68 | 30- 40 | 41.10 | 681.6 | 97.7,85 |
| 50 | 7.345 | 7.618 | 8.035 | 8.268 | 8.488 | 8.342 | 7.994 | 7.565 | 40- 50 | 11.53 | 693.1 | 99.4,86.4 |
| 60 | 1.285 | 1.491 | 1.640 | 1.607 | 1.726 | 1.555 | 1.364 | 1.236 | 50- 60 | 3.757 | 696.8 | 99.9,86.9 |
| 70 | 0.0825 | 0.0869 | 0.0924 | 0.0926 | 0.0923 | 0.0778 | 0.0739 | 0.0725 | 60- 70 | 0.4545 | 697.3 | 100,86.9 |
| 80 | 0.0288 | 0.0245 | 0.0301 | 0.0269 | 0.0310 | 0.0237 | 0.0257 | 0.0194 | 70- 80 | 0.0517 | 697.4 | 100,86.9 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0134 | 697.4 | 100,86.9 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 697.4 | 100,86.9 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 697.4 | 100,86.9 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 697.4 | 100,86.9 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 697.4 | 100,86.9 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 697.4 | 100,86.9 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 697.4 | 100,86.9 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 697.4 | 100,86.9 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 697.4 | 100,86.9 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 697.4 | 100,86.9 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

| | | |
|--|--------------------|------------------------|
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| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------------------|
| G(180) | G(270) | LUMINANCE (cd/(m2)) |
| 85 | 173 | 160 |
| 80 | 147 | 153 |
| 75 | 173 | 191 |
| 70 | 213 | 238 |
| 65 | 443 | 639 |
| 60 | 2268 | 2894 |
| 55 | 5425 | 6396 |
| 50 | 10084 | 11032 |
| 45 | 16430 | 17990 |

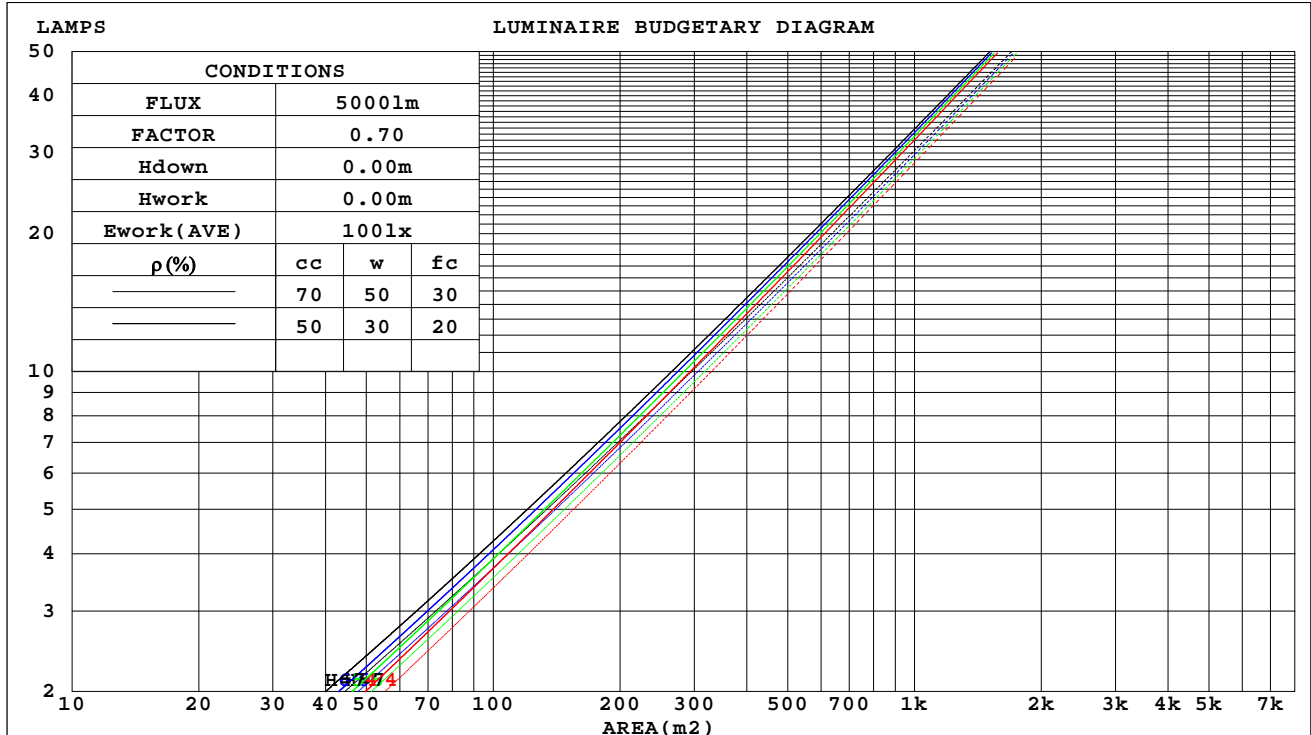
C Range: 0 - 360DEG
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Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|--------------------|------------------------|
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| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | 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 | | | | | | Coefficients of Utilization(CU) | | | | | | | | | | |
| 0.0 | 1.03 | 1.03 | 1.03 | 1.01 | 1.01 | 1.01 | .97 | .97 | .97 | .92 | .92 | .92 | .89 | .89 | .89 | .87 | |
| 1.0 | .98 | .96 | .94 | .96 | .94 | .93 | .92 | .91 | .90 | .89 | .88 | .87 | .86 | .85 | .85 | .83 | |
| 2.0 | .92 | .89 | .87 | .91 | .88 | .86 | .88 | .86 | .84 | .86 | .84 | .82 | .83 | .82 | .81 | .79 | |
| 3.0 | .88 | .84 | .81 | .87 | .83 | .81 | .84 | .82 | .79 | .82 | .80 | .78 | .80 | .79 | .77 | .76 | |
| 4.0 | .84 | .80 | .77 | .83 | .79 | .76 | .81 | .78 | .75 | .79 | .77 | .75 | .78 | .76 | .74 | .73 | |
| 5.0 | .80 | .76 | .73 | .79 | .75 | .72 | .78 | .74 | .72 | .76 | .73 | .71 | .75 | .73 | .71 | .70 | |
| 6.0 | .76 | .72 | .69 | .76 | .72 | .69 | .75 | .71 | .69 | .73 | .70 | .68 | .72 | .70 | .68 | .67 | |
| 7.0 | .73 | .69 | .66 | .73 | .69 | .66 | .72 | .68 | .66 | .71 | .68 | .65 | .70 | .67 | .65 | .64 | |
| 8.0 | .70 | .66 | .63 | .70 | .66 | .63 | .69 | .66 | .63 | .68 | .65 | .63 | .67 | .65 | .63 | .62 | |
| 9.0 | .68 | .64 | .61 | .67 | .63 | .61 | .67 | .63 | .61 | .66 | .63 | .60 | .65 | .62 | .60 | .59 | |
| 10.0 | .65 | .61 | .59 | .65 | .61 | .58 | .64 | .61 | .58 | .64 | .60 | .58 | .63 | .60 | .58 | .57 | |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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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-30G06T0-C-83 Ra:90
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30minutes warm-up



WEC AND CCEC

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | 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 | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .130 | .074 | .023 | .124 | .071 | .023 | .113 | .065 | .021 | .104 | .060 | .019 | .094 | .055 | .018 | | |
| 2.0 | .122 | .067 | .021 | .117 | .065 | .020 | .108 | .060 | .019 | .100 | .056 | .018 | .092 | .052 | .016 | | |
| 3.0 | .115 | .061 | .018 | .111 | .059 | .018 | .103 | .056 | .017 | .096 | .053 | .016 | .090 | .050 | .015 | | |
| 4.0 | .109 | .056 | .017 | .105 | .055 | .016 | .099 | .052 | .016 | .093 | .050 | .015 | .087 | .047 | .014 | | |
| 5.0 | .103 | .052 | .015 | .100 | .051 | .015 | .094 | .049 | .014 | .089 | .047 | .014 | .085 | .045 | .014 | | |
| 6.0 | .098 | .049 | .014 | .095 | .048 | .014 | .091 | .046 | .014 | .086 | .045 | .013 | .082 | .043 | .013 | | |
| 7.0 | .093 | .046 | .013 | .091 | .045 | .013 | .087 | .044 | .013 | .083 | .043 | .012 | .079 | .041 | .012 | | |
| 8.0 | .089 | .044 | .012 | .087 | .043 | .012 | .084 | .042 | .012 | .080 | .041 | .012 | .077 | .040 | .012 | | |
| 9.0 | .086 | .041 | .012 | .084 | .041 | .011 | .081 | .040 | .011 | .078 | .039 | .011 | .075 | .038 | .011 | | |
| 10.0 | .082 | .039 | .011 | .081 | .039 | .011 | .078 | .038 | .011 | .075 | .037 | .011 | .072 | .036 | .010 | | |

| 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 | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | | | |
| 0.0 | .166 | .166 | .166 | .142 | .142 | .142 | .097 | .097 | .097 | .055 | .055 | .055 | .018 | .018 | .018 | |
| 1.0 | .147 | .137 | .128 | .126 | .118 | .110 | .086 | .081 | .076 | .050 | .047 | .044 | .016 | .015 | .014 | |
| 2.0 | .132 | .115 | .101 | .113 | .099 | .087 | .078 | .069 | .061 | .045 | .040 | .036 | .014 | .013 | .012 | |
| 3.0 | .120 | .099 | .082 | .103 | .085 | .071 | .071 | .059 | .050 | .041 | .034 | .029 | .013 | .011 | .010 | |
| 4.0 | .110 | .085 | .067 | .094 | .074 | .058 | .065 | .051 | .041 | .037 | .030 | .024 | .012 | .010 | .008 | |
| 5.0 | .101 | .075 | .055 | .087 | .065 | .048 | .060 | .045 | .034 | .035 | .027 | .020 | .011 | .009 | .007 | |
| 6.0 | .094 | .066 | .047 | .081 | .058 | .041 | .056 | .040 | .029 | .032 | .024 | .017 | .010 | .008 | .006 | |
| 7.0 | .088 | .059 | .040 | .075 | .052 | .035 | .052 | .036 | .025 | .030 | .021 | .015 | .010 | .007 | .005 | |
| 8.0 | .082 | .054 | .034 | .071 | .047 | .030 | .049 | .033 | .021 | .029 | .019 | .013 | .009 | .006 | .004 | |
| 9.0 | .078 | .049 | .030 | .067 | .043 | .026 | .046 | .030 | .018 | .027 | .018 | .011 | .009 | .006 | .004 | |
| 10.0 | .074 | .045 | .026 | .063 | .039 | .023 | .044 | .028 | .016 | .026 | .016 | .010 | .008 | .005 | .003 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|--------------------|----------------|------|------------------------|------|------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | | | | | | | | | |
| NAME: 2319.226-UA-200 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2409111193 | | |
| MFR.: RISE | | | | | SUR.: 0.00113354m2 | | | 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 | 13.7 | 14.4 | 13.9 | 14.6 | 14.7 | 14.0 | 14.7 | 14.2 | 14.9 | 15.0 |
| 3H | 13.5 | 14.2 | 13.8 | 14.4 | 14.6 | 13.8 | 14.5 | 14.0 | 14.7 | 14.9 |
| 4H | 13.4 | 14.1 | 13.7 | 14.3 | 14.5 | 13.7 | 14.4 | 14.0 | 14.6 | 14.8 |
| 6H | 13.3 | 14.0 | 13.6 | 14.2 | 14.4 | 13.6 | 14.3 | 13.9 | 14.5 | 14.7 |
| 8H | 13.3 | 13.9 | 13.6 | 14.1 | 14.4 | 13.6 | 14.2 | 13.9 | 14.4 | 14.7 |
| 12H | 13.3 | 13.8 | 13.6 | 14.1 | 14.4 | 13.5 | 14.1 | 13.9 | 14.4 | 14.6 |
| 4H 2H | 13.5 | 14.1 | 13.7 | 14.3 | 14.5 | 13.8 | 14.4 | 14.0 | 14.6 | 14.8 |
| 3H | 13.3 | 13.9 | 13.6 | 14.1 | 14.4 | 13.6 | 14.1 | 13.9 | 14.4 | 14.7 |
| 4H | 13.2 | 13.7 | 13.5 | 14.0 | 14.3 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| 6H | 13.1 | 13.6 | 13.5 | 13.9 | 14.2 | 13.4 | 13.8 | 13.8 | 14.2 | 14.5 |
| 8H | 13.0 | 13.5 | 13.4 | 13.8 | 14.2 | 13.3 | 13.8 | 13.7 | 14.1 | 14.5 |
| 12H | 13.0 | 13.4 | 13.4 | 13.7 | 14.1 | 13.3 | 13.7 | 13.7 | 14.0 | 14.4 |
| 8H 4H | 13.0 | 13.5 | 13.4 | 13.8 | 14.2 | 13.3 | 13.8 | 13.7 | 14.1 | 14.5 |
| 6H | 12.9 | 13.3 | 13.4 | 13.7 | 14.1 | 13.2 | 13.6 | 13.6 | 14.0 | 14.4 |
| 8H | 12.9 | 13.2 | 13.3 | 13.6 | 14.0 | 13.2 | 13.5 | 13.6 | 13.9 | 14.3 |
| 12H | 12.8 | 13.1 | 13.3 | 13.5 | 14.0 | 13.1 | 13.4 | 13.6 | 13.8 | 14.3 |
| 12H 4H | 13.0 | 13.4 | 13.4 | 13.7 | 14.1 | 13.3 | 13.7 | 13.7 | 14.0 | 14.4 |
| 6H | 12.9 | 13.2 | 13.3 | 13.6 | 14.0 | 13.2 | 13.5 | 13.6 | 13.9 | 14.3 |
| 8H | 12.8 | 13.1 | 13.3 | 13.5 | 14.0 | 13.1 | 13.4 | 13.6 | 13.8 | 14.3 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 3.0 / - 8.5 | | | | | + 3.0 / - 7.6 | | | | |
| 1.5H | + 4.3 / - 5.2 | | | | | + 4.2 / - 5.1 | | | | |
| 2.0H | + 5.1 / -13.1 | | | | | + 5.2 / -12.6 | | | | |

CIE Pub.117, 802.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)
Area: 0.00113354 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|--|--------------------|------------------------|
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| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |

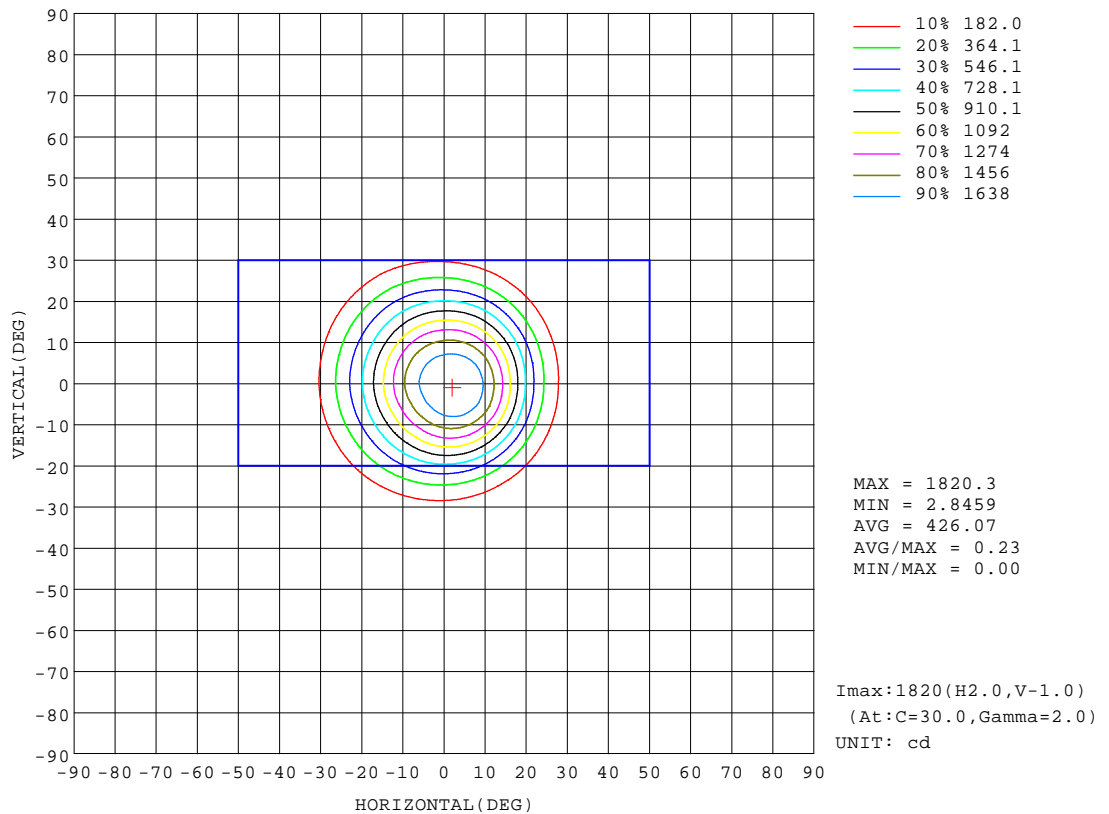
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 78 | 73 | 70 | 78 | 73 | 70 | 77 | 73 | 70 | 67 |
| 0.80 | 84 | 80 | 77 | 84 | 80 | 77 | 83 | 79 | 76 | 74 |
| 1.00 | 88 | 83 | 81 | 87 | 83 | 80 | 86 | 83 | 80 | 77 |
| 1.25 | 91 | 87 | 84 | 90 | 87 | 84 | 89 | 85 | 83 | 80 |
| 1.50 | 93 | 90 | 87 | 92 | 89 | 86 | 90 | 88 | 86 | 82 |
| 2.00 | 95 | 92 | 89 | 94 | 91 | 89 | 92 | 89 | 87 | 83 |
| 2.50 | 97 | 94 | 91 | 95 | 92 | 90 | 93 | 90 | 89 | 84 |
| 3.00 | 98 | 95 | 93 | 96 | 94 | 92 | 93 | 92 | 90 | 85 |
| 4.00 | 99 | 97 | 95 | 98 | 96 | 94 | 95 | 93 | 92 | 86 |
| 5.00 | 100 | 99 | 97 | 99 | 97 | 96 | 95 | 94 | 93 | 87 |
| 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:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |

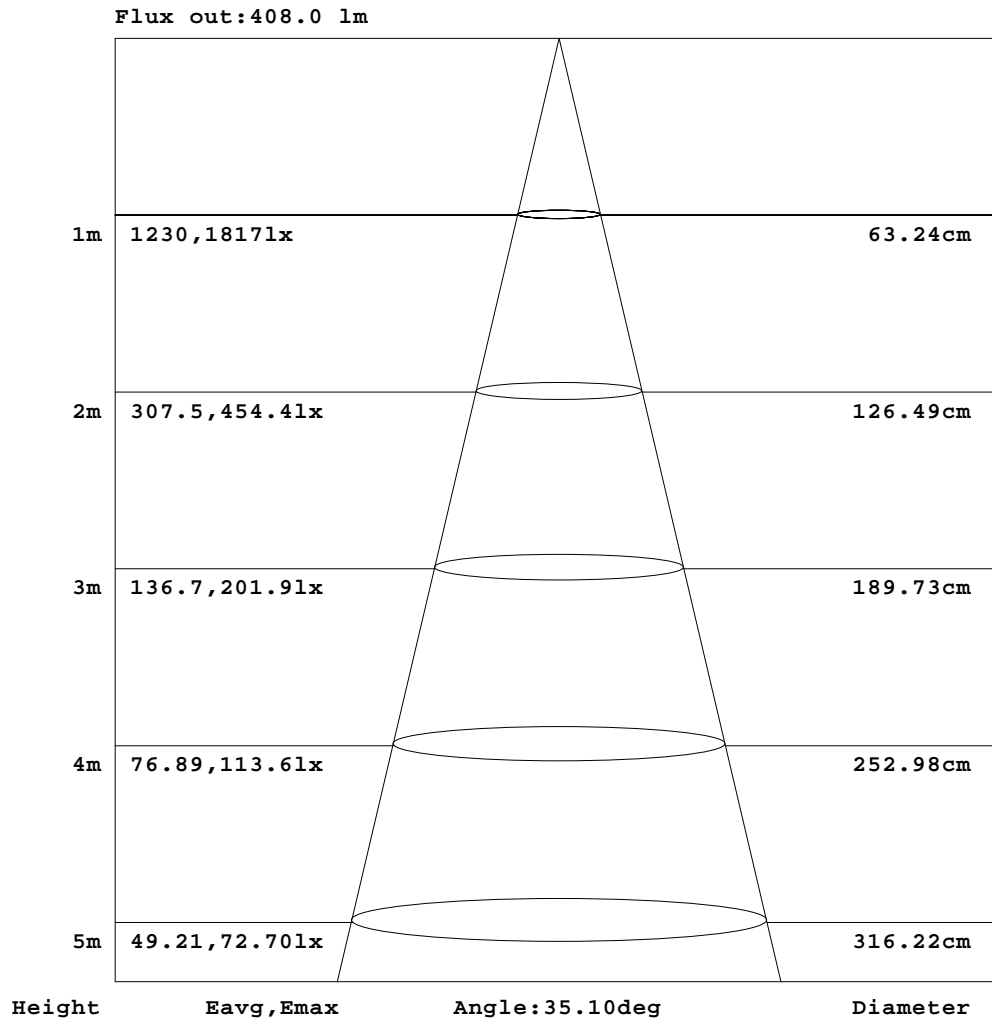


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

AAI Figure

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |



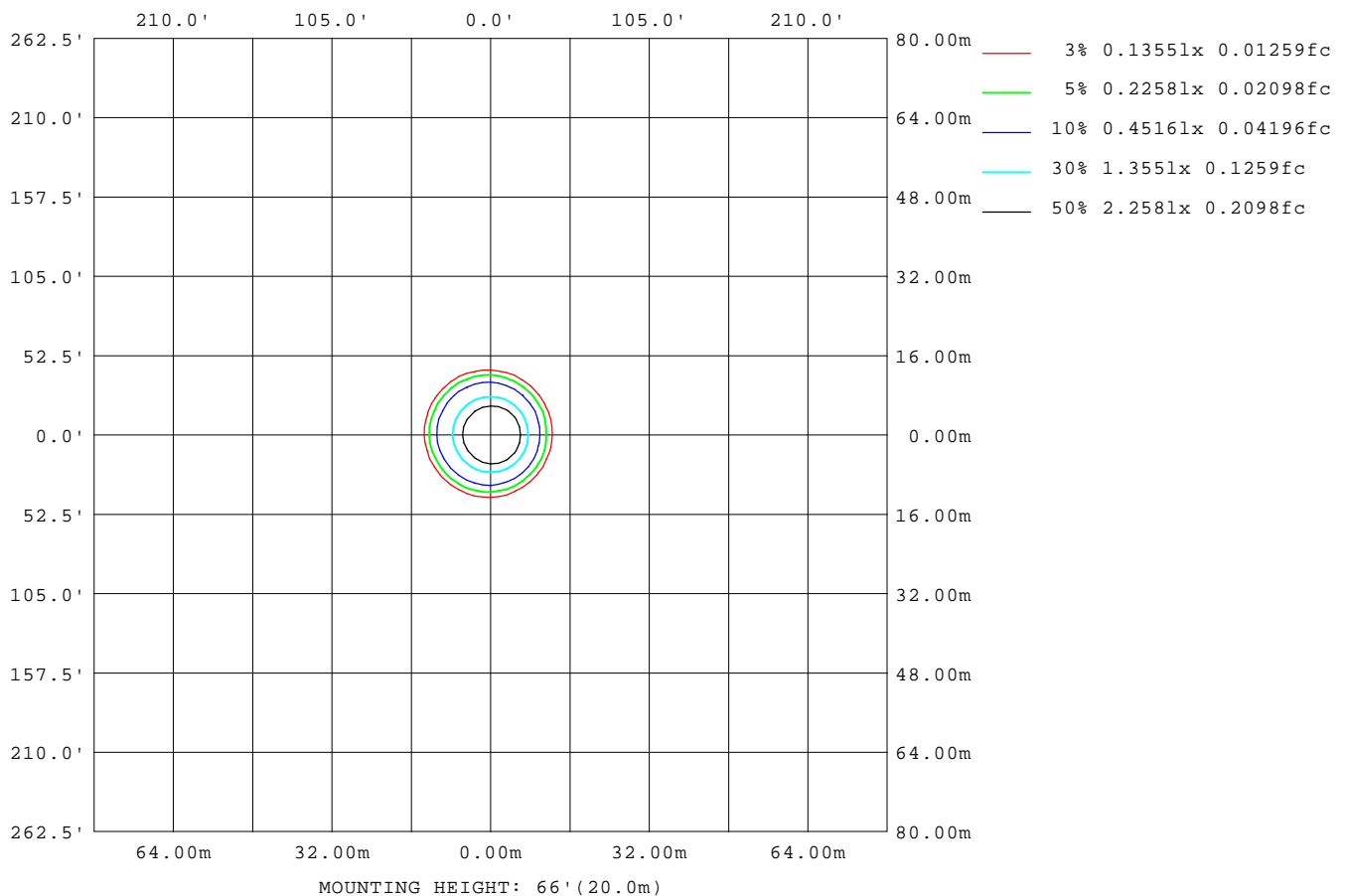
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 200mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-9-11

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-30G06T0-C-83 Ra: 90
LENS: PM-1084B 36R
DRIVER: SC30W150-700CG-4 200mA
30minutes warm-up

LED Avg.L Report

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |

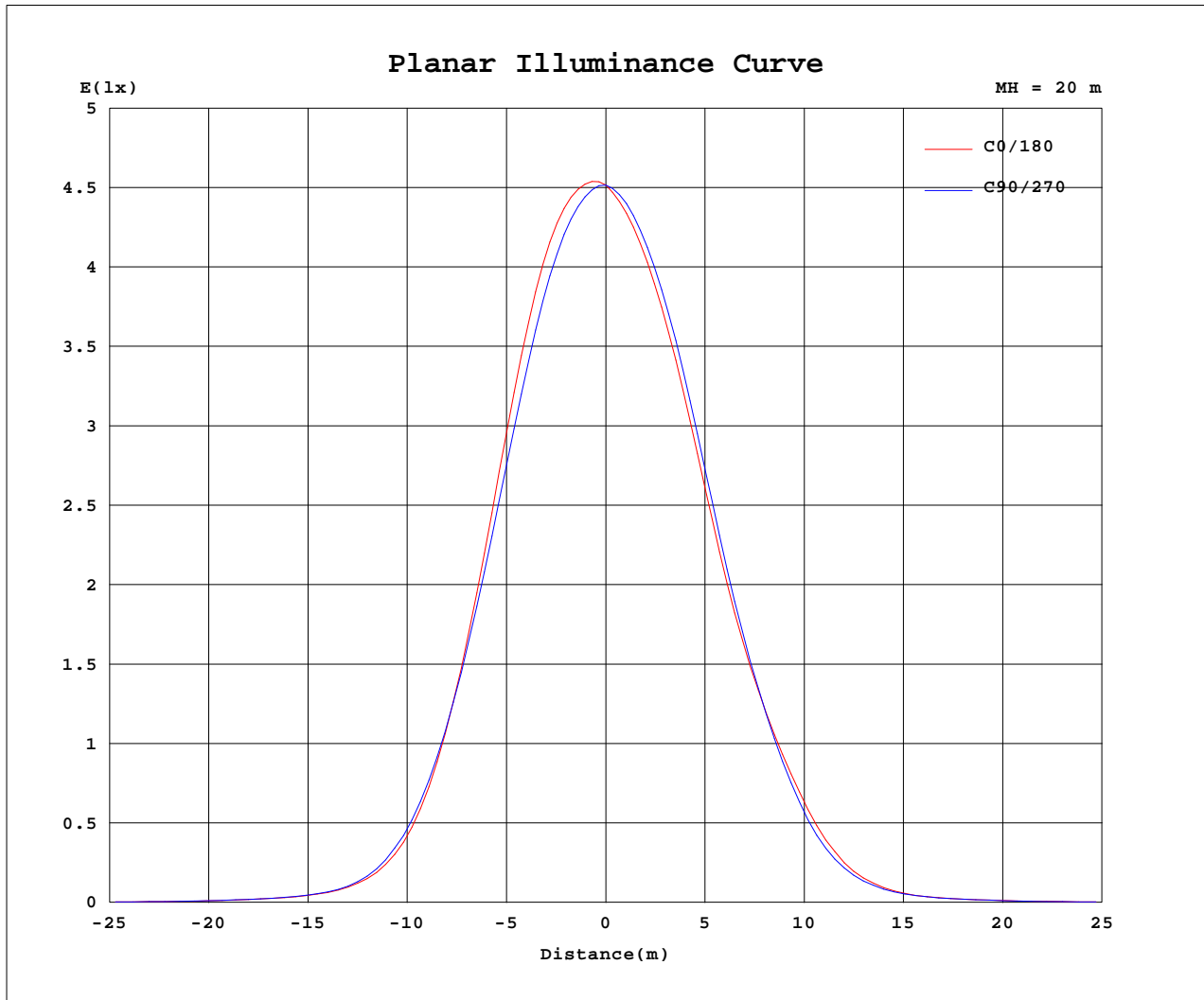
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 606 |
| L_0~180(75)av | 174 |
| L_0~180(85)av | 173 |
| L_90~270(65)av | 542 |
| L_90~270(75)av | 167 |
| L_90~270(85)av | 158 |
| L_45(65)av | 511 |
| L_45(75)av | 154 |
| L_45(85)av | 87 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-9-11

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-30G06T0-C-83 Ra:90
LENS:PM-1084B 36R
DRIVER:SC30W150-700CG-4 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: 2024-9-11

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-30G06T0-C-83 Ra: 90
 LENS: PM-1084B 36R
 DRIVER: SC30W150-700CG-4 200mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------------|------------------------|
| Test:U:220.19V I:0.0402A P:8.2429W PF:0.9273 Freq:49.99Hz Lamp Flux:802.29x1 lm | | |
| NAME: 2319.226-UA-200 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2409111193 |
| MFR.: RISE | SUR.: 0.00113354m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | 1806 | | | | | | |
| 5 | 1796 | 1800 | 1776 | 1740 | 1700 | 1678 | 1677 | 1679 | 1692 | 1711 | 1745 | 1780 | | | | | | |
| 10 | 1610 | 1618 | 1572 | 1509 | 1443 | 1417 | 1430 | 1437 | 1456 | 1482 | 1533 | 1586 | | | | | | |
| 15 | 1205 | 1218 | 1180 | 1125 | 1067 | 1049 | 1070 | 1078 | 1100 | 1120 | 1166 | 1202 | | | | | | |
| 20 | 711 | 721 | 711 | 698 | 691 | 692 | 718 | 722 | 737 | 733 | 750 | 742 | | | | | | |
| 25 | 318 | 319 | 325 | 342 | 367 | 396 | 436 | 437 | 436 | 406 | 386 | 352 | | | | | | |
| 30 | 117 | 115 | 118 | 130 | 147 | 168 | 198 | 199 | 197 | 169 | 150 | 131 | | | | | | |
| 35 | 47.1 | 46.0 | 46.5 | 49.4 | 53.3 | 60.9 | 69.0 | 72.1 | 70.5 | 62.0 | 56.2 | 51.2 | | | | | | |
| 40 | 24.3 | 24.0 | 24.2 | 25.2 | 25.5 | 26.7 | 27.4 | 27.8 | 28.1 | 26.8 | 26.1 | 25.3 | | | | | | |
| 45 | 13.2 | 13.3 | 13.7 | 14.4 | 14.7 | 15.0 | 15.1 | 15.0 | 15.0 | 14.6 | 14.1 | 13.6 | | | | | | |
| 50 | 7.34 | 7.50 | 7.74 | 8.03 | 8.18 | 8.35 | 8.49 | 8.38 | 8.30 | 7.99 | 7.66 | 7.47 | | | | | | |
| 55 | 3.53 | 3.77 | 4.00 | 4.16 | 4.24 | 4.33 | 4.46 | 4.31 | 4.20 | 3.86 | 3.63 | 3.54 | | | | | | |
| 60 | 1.28 | 1.42 | 1.56 | 1.64 | 1.57 | 1.64 | 1.73 | 1.60 | 1.51 | 1.36 | 1.24 | 1.23 | | | | | | |
| 65 | 0.21 | 0.24 | 0.27 | 0.31 | 0.28 | 0.31 | 0.37 | 0.28 | 0.24 | 0.21 | 0.18 | 0.19 | | | | | | |
| 70 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | | | | | | |
| 75 | 0.05 | 0.05 | 0.05 | 0.06 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | | | | | | |
| 80 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | | | | | | |
| 85 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 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
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