

Luminaire Photograph



| | | |
|---------------------|--------|--------------------------|
| Light Output Ratio: | 63.9% | |
| Luminaire Power: | 13.7 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.70 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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: BXRE-30G1000-A-83 Ra:90
LENS: PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

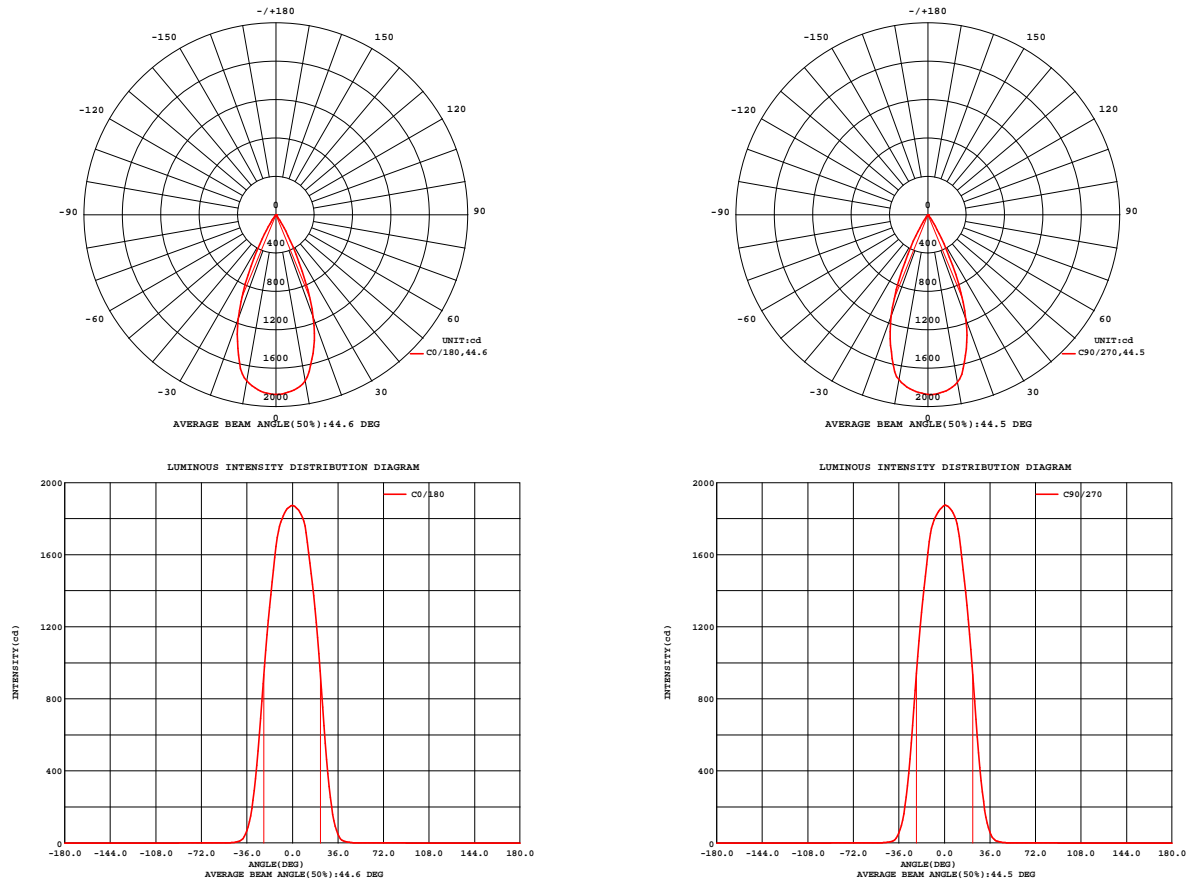


Fig. C0/C180

Fig. C90/C270

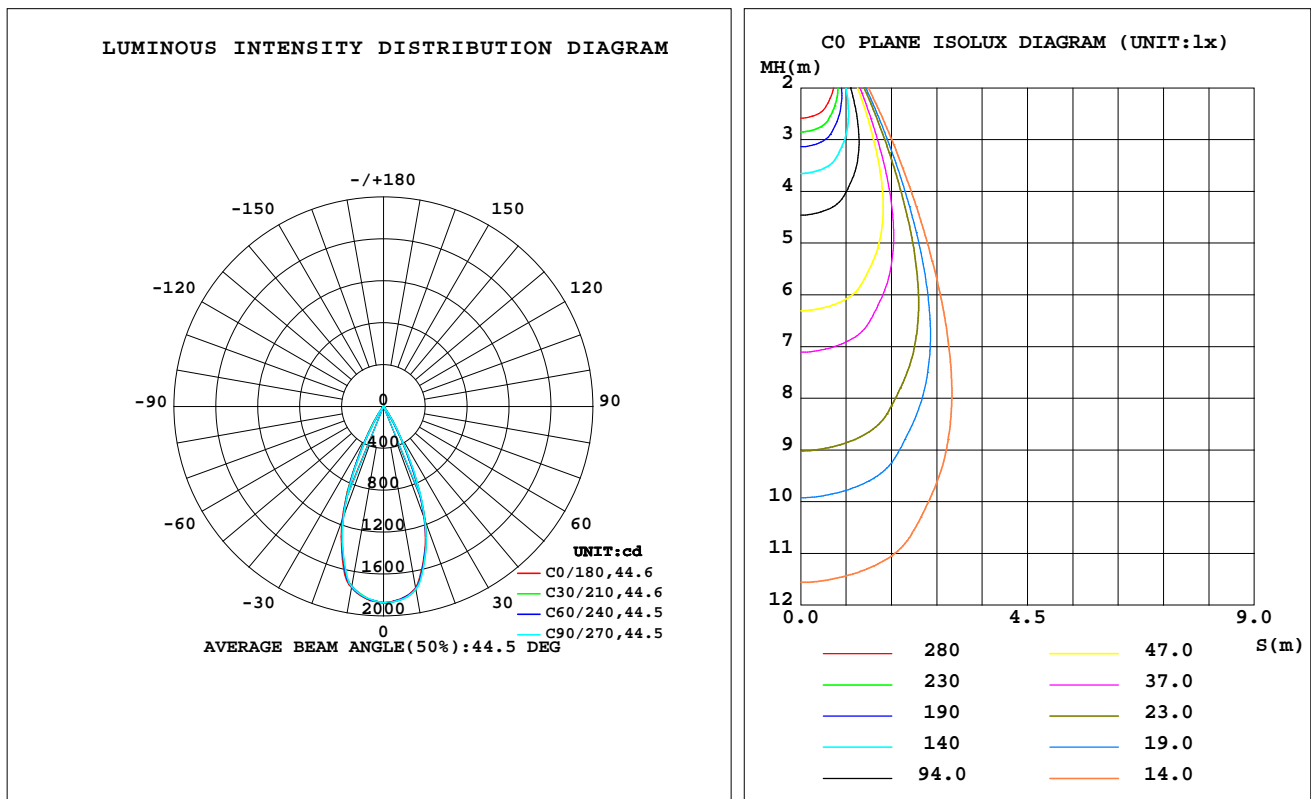
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---------------------|------------------------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | |
| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 69.55 lm/W | | | |
|------------------|-----------|----------------------------------|--------|-----------------|----------|
| MODEL | Bridgelux | Imax(cd) | 1875 | S/MH(C0/180) | 0.68 |
| NOMINAL POWER(W) | 14 | LOR(%) | 63.9 | S/MH(C90/270) | 0.67 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 952.61 | UP,DN(C0-180) | 0.0,32.2 |
| NOMINAL FLUX(lm) | 1490.38 | CIE CLASS | DIRECT | UP,DN(C180-360) | 0.0,31.7 |
| LAMPS INSIDE | 1 | up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 220 | down(%) | 63.9 | CIBSE SHR MAX | 0.70 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | | zone | total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|-------|-----------|
| 10 | 1759 | 1771 | 1773 | 1761 | 1758 | 1744 | 1746 | 1751 | 0- 10 | 173.4 | 173.4 | 18.2,11.6 |
| 20 | 1140 | 1156 | 1159 | 1150 | 1155 | 1131 | 1122 | 1120 | 10- 20 | 412.1 | 585.5 | 61.5,39.3 |
| 30 | 252.7 | 265.3 | 282.6 | 288.2 | 291.3 | 277.5 | 255.7 | 248.7 | 20- 30 | 302.2 | 887.7 | 93.2,59.6 |
| 40 | 13.48 | 14.60 | 16.08 | 18.66 | 19.08 | 16.34 | 13.62 | 12.75 | 30- 40 | 60.19 | 947.9 | 99.5,63.6 |
| 50 | 1.023 | 1.022 | 1.071 | 1.194 | 1.133 | 1.098 | 1.081 | 0.9797 | 40- 50 | 4.136 | 952.0 | 99.9,63.9 |
| 60 | 0.1833 | 0.1736 | 0.1734 | 0.1810 | 0.1813 | 0.1742 | 0.1758 | 0.1762 | 50- 60 | 0.3706 | 952.4 | 100,63.9 |
| 70 | 0.0833 | 0.0749 | 0.0797 | 0.0815 | 0.0810 | 0.0747 | 0.0794 | 0.0796 | 60- 70 | 0.1168 | 952.5 | 100,63.9 |
| 80 | 0.0485 | 0.0388 | 0.0543 | 0.0465 | 0.0493 | 0.0357 | 0.0419 | 0.0399 | 70- 80 | 0.0625 | 952.6 | 100,63.9 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0272 | 952.6 | 100,63.9 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 952.6 | 100,63.9 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 952.6 | 100,63.9 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 952.6 | 100,63.9 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 952.6 | 100,63.9 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 952.6 | 100,63.9 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 952.6 | 100,63.9 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 952.6 | 100,63.9 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 952.6 | 100,63.9 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 952.6 | 100,63.9 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz
Lamp Flux:1490.38x1 lm

NAME: 2318.112-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

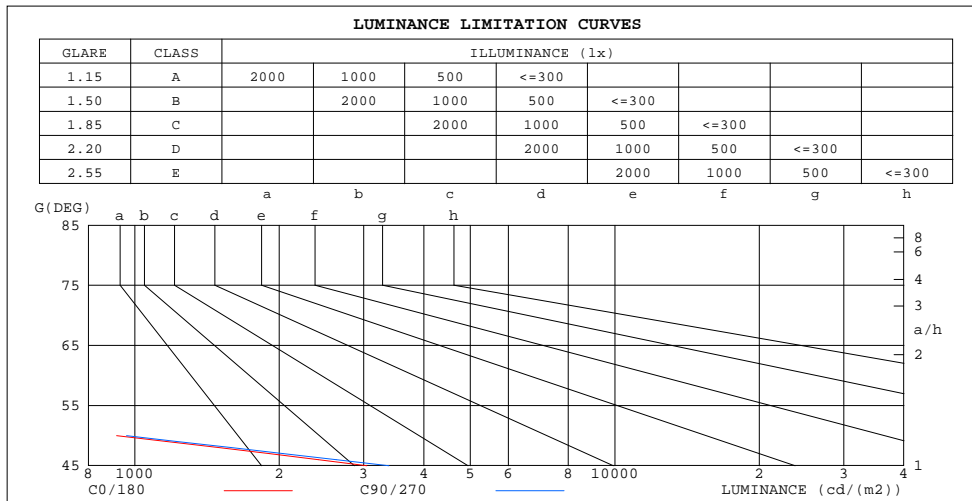
DIM.:

SERIAL No.: 2408070992

MFR.: RISE

SUR.: 0.001734065m2

Shielding Angle:



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(180) | C0/180 | C90/270 |
| 85 | 226 | 236 |
| 80 | 161 | 180 |
| 75 | 142 | 140 |
| 70 | 140 | 134 |
| 65 | 164 | 152 |
| 60 | 211 | 200 |
| 55 | 327 | 325 |
| 50 | 917 | 961 |
| 45 | 3047 | 3383 |

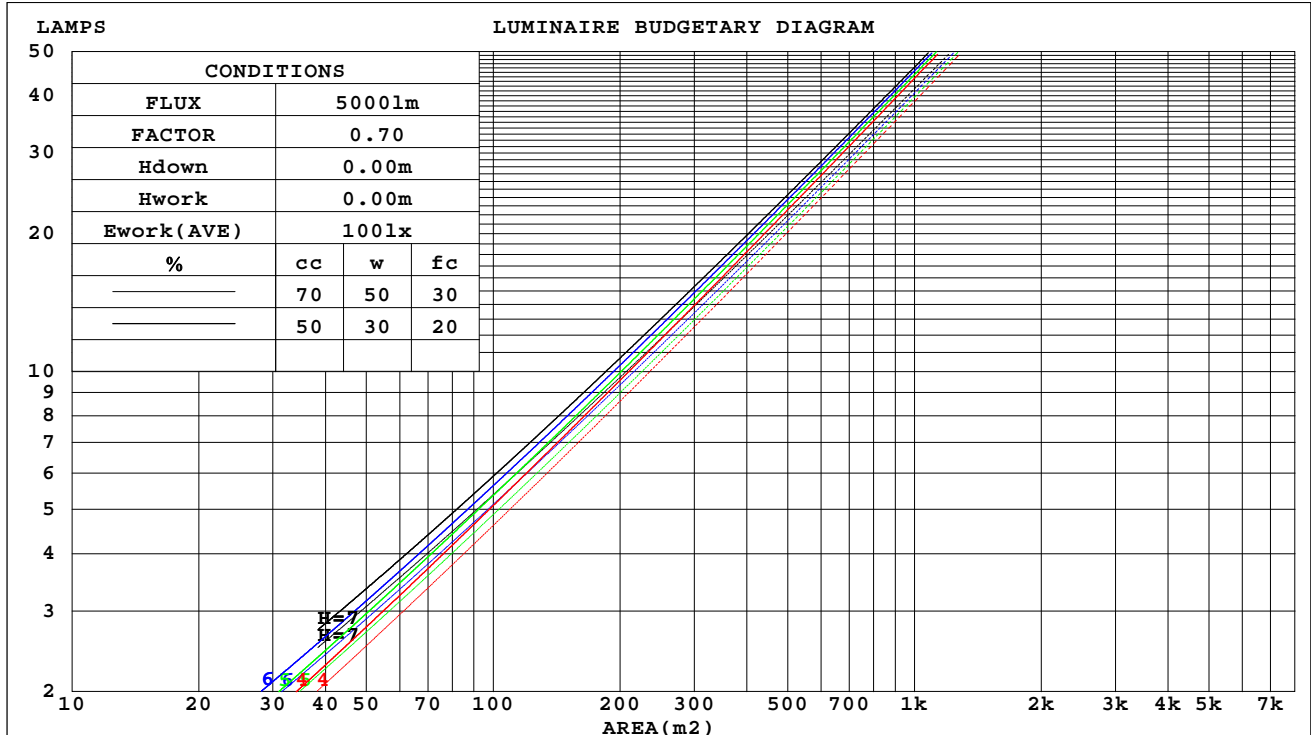
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C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---------------------|------------------------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | |
| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | 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:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

WEC AND CCEC

| | | |
|---|---------------------|------------------------|
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| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | 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 | .097 | .055 | .018 | .093 | .053 | .017 | .085 | .049 | .016 | .078 | .045 | .014 | .071 | .041 | .013 | |
| 2.0 | .091 | .050 | .015 | .088 | .048 | .015 | .081 | .045 | .014 | .075 | .042 | .013 | .070 | .039 | .012 | |
| 3.0 | .086 | .046 | .014 | .083 | .045 | .013 | .078 | .042 | .013 | .073 | .040 | .012 | .068 | .038 | .012 | |
| 4.0 | .082 | .042 | .012 | .079 | .041 | .012 | .074 | .039 | .012 | .070 | .038 | .011 | .066 | .036 | .011 | |
| 5.0 | .078 | .040 | .011 | .075 | .039 | .011 | .071 | .037 | .011 | .068 | .036 | .011 | .064 | .034 | .010 | |
| 6.0 | .074 | .037 | .011 | .072 | .036 | .010 | .069 | .035 | .010 | .065 | .034 | .010 | .062 | .033 | .010 | |
| 7.0 | .071 | .035 | .010 | .069 | .034 | .010 | .066 | .033 | .010 | .063 | .032 | .009 | .060 | .031 | .009 | |
| 8.0 | .068 | .033 | .009 | .066 | .033 | .009 | .064 | .032 | .009 | .061 | .031 | .009 | .059 | .030 | .009 | |
| 9.0 | .065 | .032 | .009 | .064 | .031 | .009 | .061 | .030 | .009 | .059 | .030 | .008 | .057 | .029 | .008 | |
| 10.0 | .063 | .030 | .008 | .062 | .030 | .008 | .059 | .029 | .008 | .057 | .028 | .008 | .055 | .028 | .008 | |

| 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 | .122 | .122 | .122 | .104 | .104 | .104 | .071 | .071 | .071 | .041 | .041 | .041 | .013 | .013 | .013 | | |
| 1.0 | .108 | .101 | .094 | .093 | .086 | .081 | .063 | .059 | .056 | .036 | .034 | .032 | .012 | .011 | .011 | | |
| 2.0 | .097 | .085 | .074 | .083 | .073 | .064 | .057 | .050 | .045 | .033 | .029 | .026 | .011 | .010 | .009 | | |
| 3.0 | .088 | .072 | .060 | .076 | .063 | .052 | .052 | .043 | .036 | .030 | .025 | .021 | .010 | .008 | .007 | | |
| 4.0 | .081 | .063 | .049 | .070 | .054 | .042 | .048 | .038 | .030 | .028 | .022 | .018 | .009 | .007 | .006 | | |
| 5.0 | .075 | .055 | .041 | .064 | .048 | .035 | .044 | .033 | .025 | .026 | .020 | .015 | .008 | .006 | .005 | | |
| 6.0 | .070 | .049 | .034 | .060 | .042 | .030 | .041 | .030 | .021 | .024 | .017 | .012 | .008 | .006 | .004 | | |
| 7.0 | .065 | .044 | .029 | .056 | .038 | .025 | .039 | .027 | .018 | .023 | .016 | .011 | .007 | .005 | .004 | | |
| 8.0 | .061 | .040 | .025 | .053 | .034 | .022 | .037 | .024 | .015 | .021 | .014 | .009 | .007 | .005 | .003 | | |
| 9.0 | .058 | .036 | .022 | .050 | .031 | .019 | .035 | .022 | .013 | .020 | .013 | .008 | .007 | .004 | .003 | | |
| 10.0 | .055 | .033 | .019 | .048 | .029 | .016 | .033 | .020 | .012 | .019 | .012 | .007 | .006 | .004 | .002 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|---------------------|----------------|------|------------------------|------|------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | | | | | | | | | |
| NAME: 2318.112-ACOT-70 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2408070992 | | |
| MFR.: RISE | | | | | SUR.: 0.001734065m2 | | | 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 | 11.6 | 12.4 | 11.8 | 12.6 | 12.7 | 12.2 | 13.0 | 12.4 | 13.1 | 13.3 |
| 3H | 11.5 | 12.2 | 11.7 | 12.4 | 12.6 | 12.1 | 12.8 | 12.3 | 13.0 | 13.2 |
| 4H | 11.4 | 12.1 | 11.7 | 12.3 | 12.5 | 12.0 | 12.7 | 12.2 | 12.9 | 13.1 |
| 6H | 11.3 | 11.9 | 11.6 | 12.2 | 12.4 | 11.9 | 12.5 | 12.2 | 12.8 | 13.0 |
| 8H | 11.3 | 11.9 | 11.6 | 12.1 | 12.4 | 11.9 | 12.5 | 12.2 | 12.7 | 13.0 |
| 12H | 11.2 | 11.8 | 11.5 | 12.1 | 12.3 | 11.8 | 12.4 | 12.1 | 12.7 | 12.9 |
| 4H 2H | 11.4 | 12.1 | 11.7 | 12.3 | 12.5 | 12.0 | 12.7 | 12.2 | 12.9 | 13.1 |
| 3H | 11.2 | 11.8 | 11.5 | 12.1 | 12.3 | 11.8 | 12.4 | 12.1 | 12.7 | 12.9 |
| 4H | 11.1 | 11.6 | 11.5 | 11.9 | 12.2 | 11.7 | 12.2 | 12.1 | 12.5 | 12.8 |
| 6H | 11.0 | 11.5 | 11.4 | 11.8 | 12.2 | 11.6 | 12.1 | 12.0 | 12.4 | 12.8 |
| 8H | 11.0 | 11.4 | 11.4 | 11.8 | 12.1 | 11.6 | 12.0 | 11.9 | 12.3 | 12.7 |
| 12H | 10.9 | 11.3 | 11.3 | 11.7 | 12.1 | 11.5 | 11.9 | 11.9 | 12.3 | 12.7 |
| 8H 4H | 11.0 | 11.4 | 11.4 | 11.8 | 12.1 | 11.6 | 12.0 | 11.9 | 12.3 | 12.7 |
| 6H | 10.9 | 11.2 | 11.3 | 11.6 | 12.0 | 11.5 | 11.8 | 11.9 | 12.2 | 12.6 |
| 8H | 10.8 | 11.1 | 11.2 | 11.5 | 12.0 | 11.4 | 11.7 | 11.8 | 12.1 | 12.6 |
| 12H | 10.7 | 11.0 | 11.2 | 11.5 | 11.9 | 11.3 | 11.6 | 11.8 | 12.0 | 12.5 |
| 12H 4H | 10.9 | 11.3 | 11.3 | 11.7 | 12.1 | 11.5 | 11.9 | 11.9 | 12.3 | 12.7 |
| 6H | 10.8 | 11.1 | 11.2 | 11.5 | 12.0 | 11.4 | 11.7 | 11.8 | 12.1 | 12.6 |
| 8H | 10.7 | 11.0 | 11.2 | 11.5 | 11.9 | 11.3 | 11.6 | 11.8 | 12.0 | 12.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 4.8 / -18.7 | | | | | + 5.3 / -19.8 | | | | |
| 1.5H | + 7.5 / -17.5 | | | | | + 8.0 / -18.6 | | | | |
| 2.0H | + 7.4 / - 7.6 | | | | | + 7.9 / - 7.7 | | | | |

CIE Pub.117, 1490 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)
Area: 0.00173407 m2

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Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
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Interval: 1.0DEG
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Remarks: LAMP:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|---|---------------------|------------------------|
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| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |

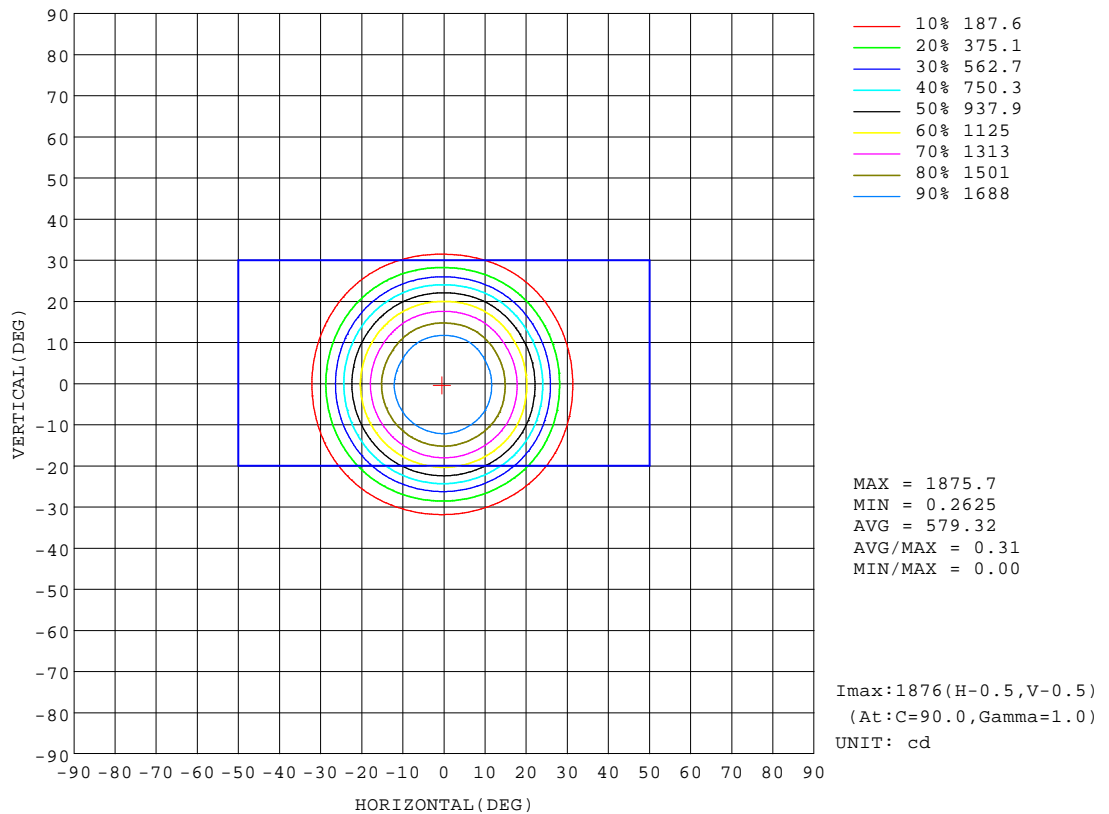
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 58 | 55 | 53 | 58 | 55 | 53 | 58 | 54 | 52 | 50 |
| 0.80 | 63 | 59 | 57 | 62 | 59 | 57 | 62 | 59 | 57 | 55 |
| 1.00 | 65 | 62 | 60 | 65 | 62 | 60 | 64 | 61 | 59 | 57 |
| 1.25 | 67 | 64 | 62 | 67 | 64 | 62 | 66 | 63 | 62 | 59 |
| 1.50 | 69 | 66 | 64 | 68 | 66 | 64 | 67 | 65 | 63 | 61 |
| 2.00 | 70 | 68 | 66 | 69 | 67 | 66 | 68 | 66 | 65 | 61 |
| 2.50 | 71 | 69 | 67 | 70 | 68 | 67 | 68 | 67 | 66 | 62 |
| 3.00 | 72 | 70 | 69 | 71 | 69 | 68 | 69 | 68 | 66 | 62 |
| 4.00 | 73 | 72 | 70 | 72 | 71 | 70 | 70 | 69 | 68 | 63 |
| 5.00 | 74 | 73 | 72 | 73 | 72 | 71 | 70 | 69 | 69 | 64 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
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Test Date:2024-8-7

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Interval: 1.0DEG
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DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|---|---------------------|------------------------|
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| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |

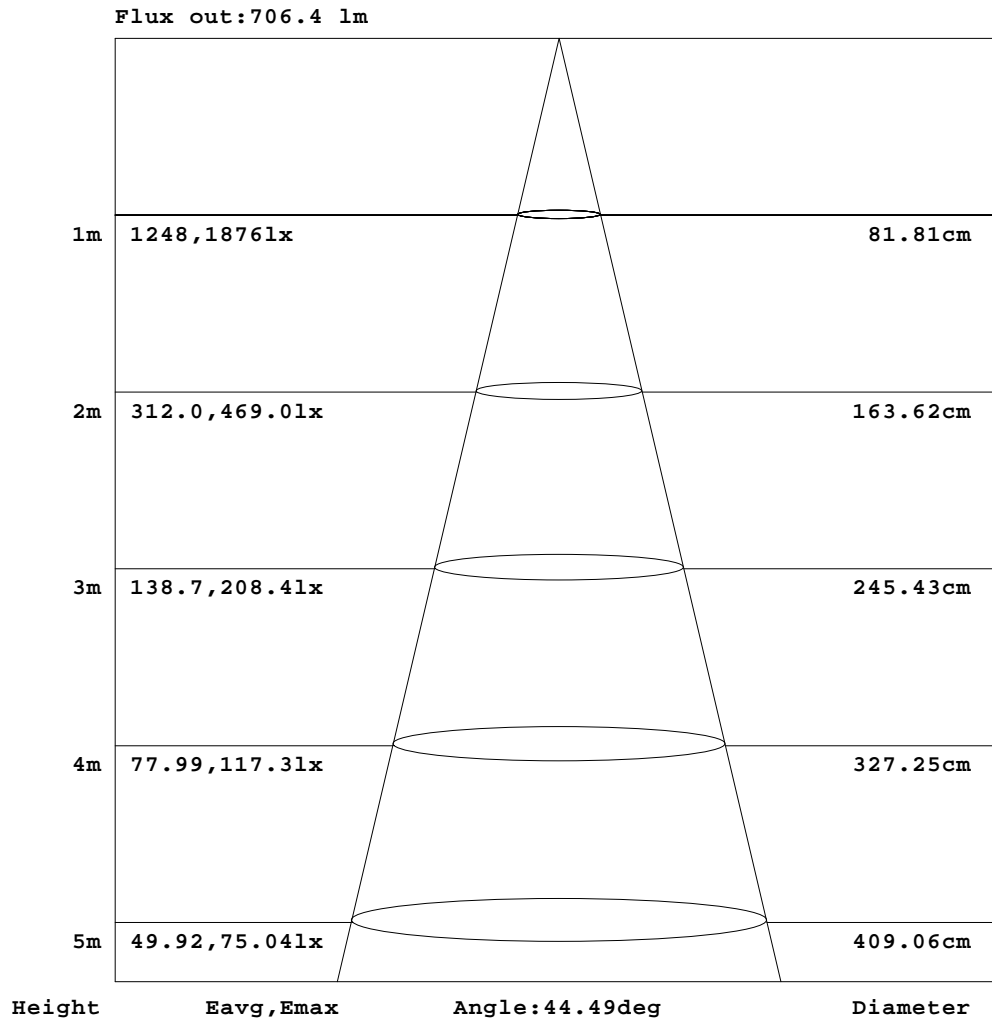


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

AAI Figure

| | | |
|---|---------------------|------------------------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | |
| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |



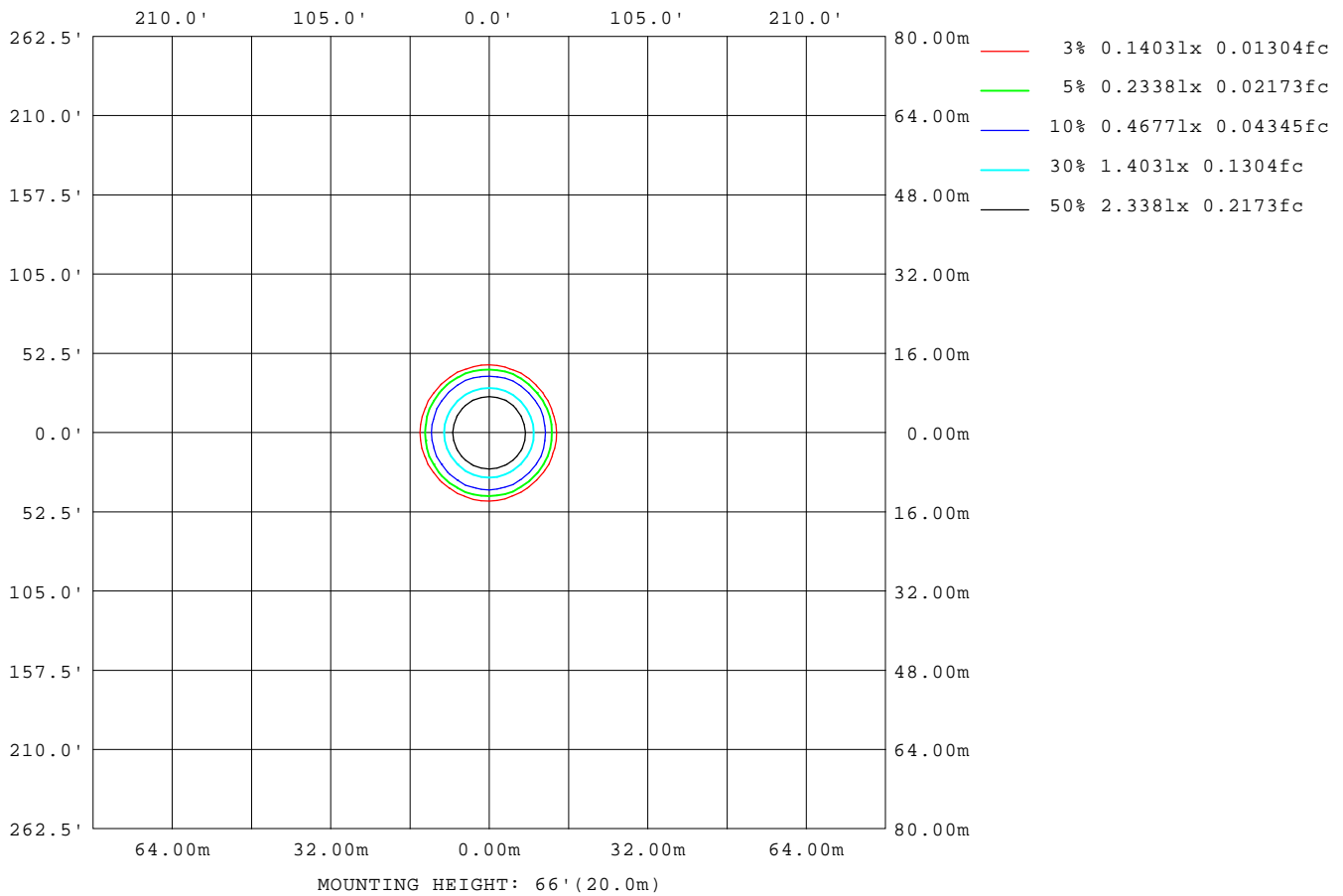
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|---|---------------------|------------------------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | |
| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LED Avg.L Report

| | | |
|---|---------------------|------------------------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | |
| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |

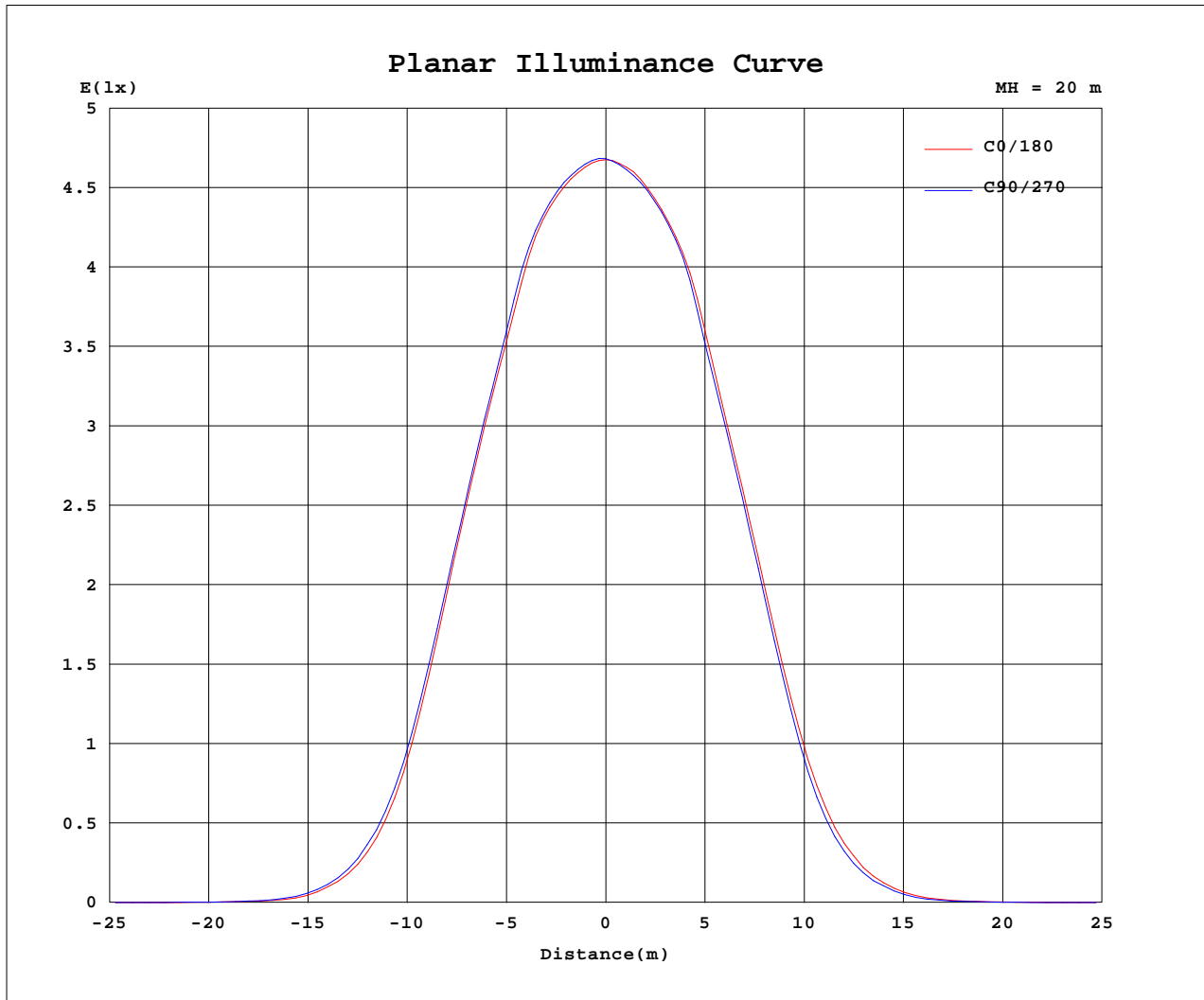
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 162 |
| L_0~180(75)av | 141 |
| L_0~180(85)av | 210 |
| L_90~270(65)av | 153 |
| L_90~270(75)av | 133 |
| L_90~270(85)av | 214 |
| L_45(65)av | 153 |
| L_45(75)av | 125 |
| L_45(85)av | 138 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082B 36R
DRIVER: IT FIT 20/200-240/500 CS 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: 2024-8-7

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: BXRE-30G1000-A-83 Ra:90
 LENS: PM-1082B 36R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---------------------|------------------------|
| Test:U:220.19V I:0.0640A P:13.697W PF:0.9689 Freq:49.99Hz Lamp Flux:1490.38x1 lm | | |
| NAME: 2318.112-ACOT-70 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2408070992 |
| MFR.: RISE | SUR.: 0.001734065m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | 1873 | | | | | | |
| 5 | 1846 | 1855 | 1849 | 1852 | 1847 | 1848 | 1845 | 1834 | 1838 | 1834 | 1843 | 1839 | | | | | | |
| 10 | 1759 | 1774 | 1769 | 1773 | 1762 | 1760 | 1758 | 1740 | 1747 | 1746 | 1755 | 1748 | | | | | | |
| 15 | 1495 | 1516 | 1509 | 1515 | 1514 | 1512 | 1515 | 1489 | 1491 | 1480 | 1487 | 1480 | | | | | | |
| 20 | 1140 | 1161 | 1152 | 1159 | 1153 | 1147 | 1155 | 1132 | 1130 | 1122 | 1129 | 1112 | | | | | | |
| 25 | 652 | 670 | 668 | 686 | 690 | 682 | 692 | 674 | 665 | 650 | 650 | 630 | | | | | | |
| 30 | 253 | 264 | 266 | 283 | 288 | 288 | 291 | 281 | 274 | 256 | 254 | 244 | | | | | | |
| 35 | 72.4 | 75.0 | 78.4 | 84.2 | 89.3 | 90.5 | 90.3 | 88.8 | 81.9 | 76.3 | 72.1 | 66.7 | | | | | | |
| 40 | 13.5 | 14.5 | 14.7 | 16.1 | 17.8 | 19.6 | 19.1 | 17.0 | 15.6 | 13.6 | 13.2 | 12.3 | | | | | | |
| 45 | 3.74 | 4.17 | 4.02 | 4.15 | 4.47 | 4.62 | 4.51 | 4.68 | 4.37 | 3.78 | 3.71 | 3.35 | | | | | | |
| 50 | 1.02 | 1.04 | 1.01 | 1.07 | 1.17 | 1.22 | 1.13 | 1.10 | 1.09 | 1.08 | 1.03 | 0.93 | | | | | | |
| 55 | 0.33 | 0.32 | 0.31 | 0.32 | 0.34 | 0.35 | 0.33 | 0.32 | 0.32 | 0.32 | 0.31 | 0.31 | | | | | | |
| 60 | 0.18 | 0.18 | 0.17 | 0.17 | 0.18 | 0.18 | 0.18 | 0.18 | 0.17 | 0.18 | 0.18 | 0.18 | | | | | | |
| 65 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.12 | 0.11 | | | | | | |
| 70 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | | | | | | |
| 75 | 0.06 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | | | | | | |
| 80 | 0.05 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | | | | | | |
| 85 | 0.03 | 0.02 | 0.02 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | | | | | | |
| 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:2024-8-7

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