

Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 45.2% | |
| Luminaire Power: | 20.32 W | |
| SHR Nominal: | 0.75 | Calculated using the TM5 |
| SHR Maximum: | 0.75 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-06-26

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-30H1000-A-83 Ra: 97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

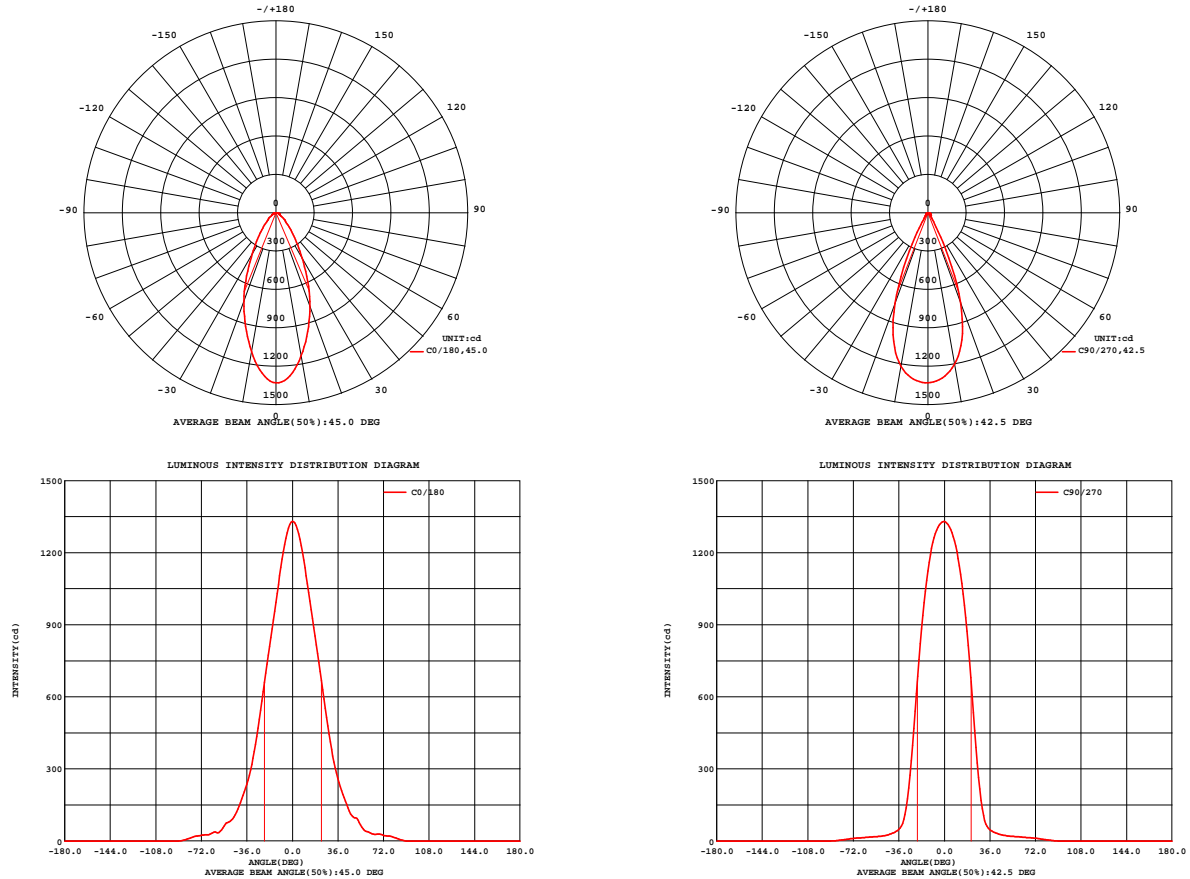


Fig. C0/C180

Fig. C90/C270

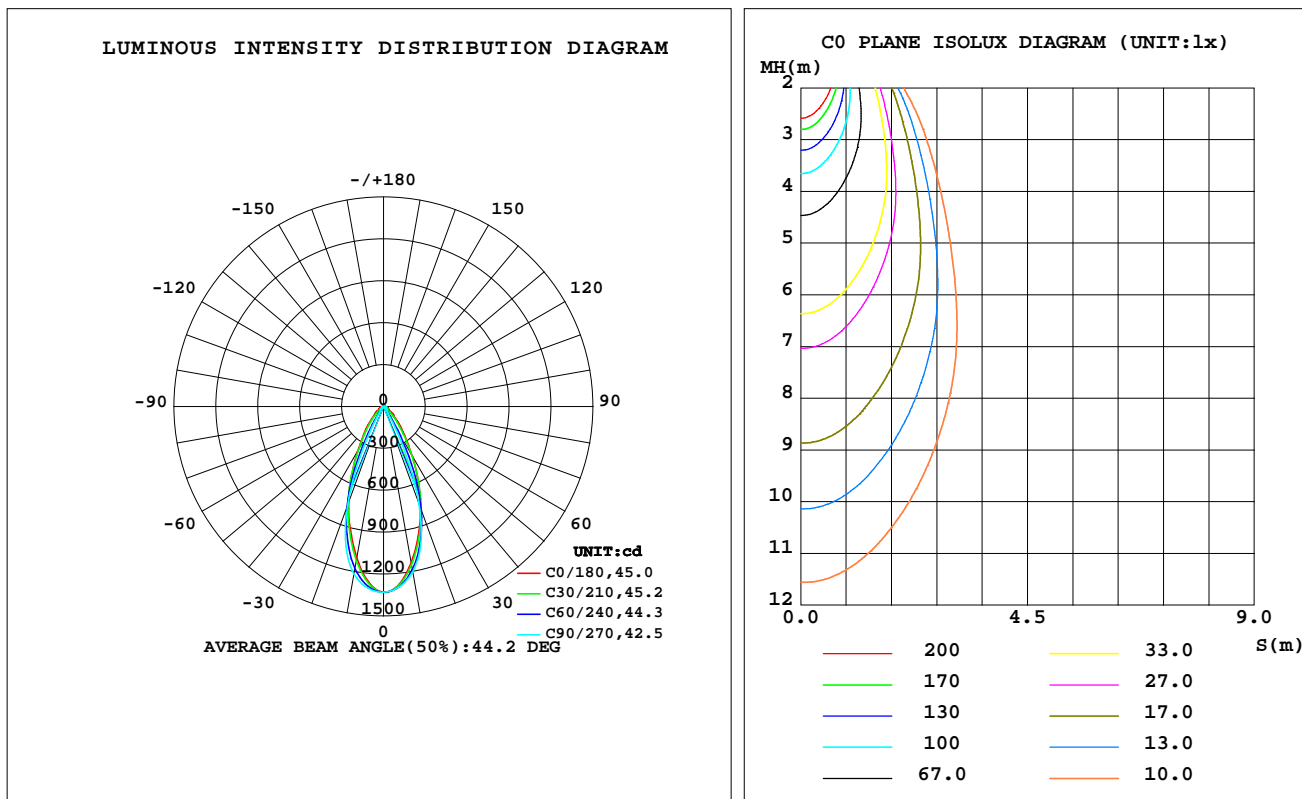
C Range: 0 - 360DEG
C Interval: 30.0DEG
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Temperature: 25.3 °C
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30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|------------------|------------------------|
| Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz Lamp Flux:1877.8x1 lm | | |
| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 41.76 lm/W | | | |
|------------------|-----------|----------------------------------|--------|-----------------|----------|
| MODEL | Brideglux | Imax(cd) | 1330 | S/MH(C0/180) | 0.68 |
| NOMINAL POWER(W) | 20 | LOR(%) | 45.2 | S/MH(C90/270) | 0.64 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 848.38 | UP,DN(C0-180) | 0.0,22.8 |
| NOMINAL FLUX(lm) | 1877.8 | CIE CLASS | DIRECT | UP,DN(C180-360) | 0.0,22.4 |
| LAMPS INSIDE | 1 | up(%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 120 | down(%) | 45.2 | CIBSE SHR MAX | 0.75 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-06-26

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-30H1000-A-83 Ra:97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

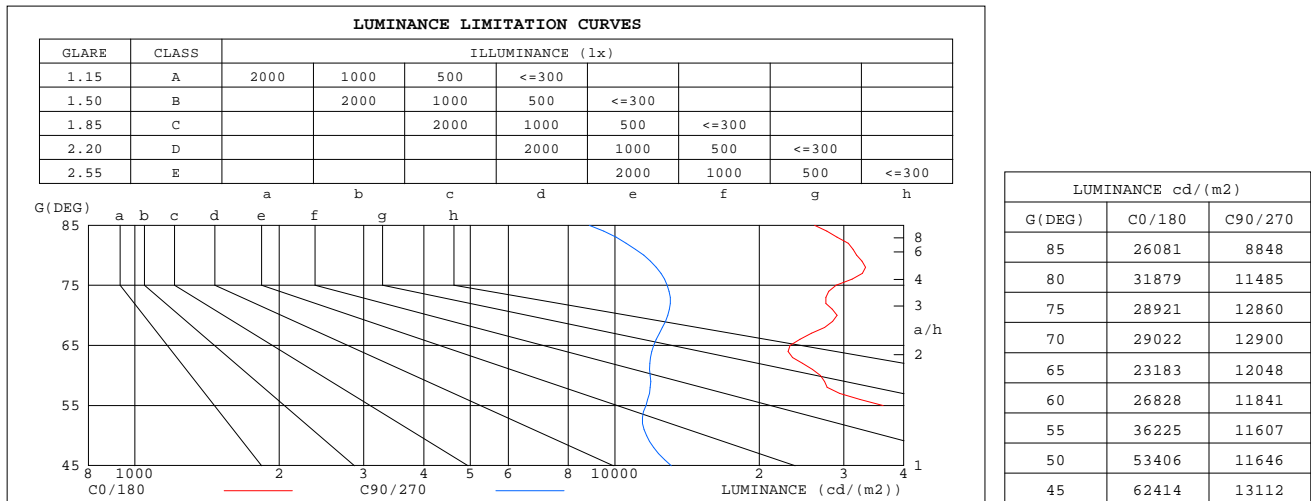
| | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | | zone | total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|-----------|
| 10 | 1137 | 1169 | 1203 | 1145 | 1103 | 1151 | 1219 | 1170 | 0- 10 | 118.6 | 118.6 | 14,6.32 |
| 20 | 779.3 | 790.2 | 749.0 | 757.1 | 736.0 | 754.2 | 755.2 | 786.4 | 10- 20 | 270.7 | 389.3 | 45.9,20.7 |
| 30 | 412.5 | 325.9 | 133.3 | 313.8 | 372.2 | 295.0 | 138.3 | 344.7 | 20- 30 | 236.1 | 625.5 | 73.7,33.3 |
| 40 | 194.3 | 102.4 | 34.88 | 102.3 | 174.6 | 92.96 | 34.33 | 113.9 | 30- 40 | 111.5 | 736.9 | 86.9,39.2 |
| 50 | 96.56 | 37.14 | 21.20 | 39.00 | 78.85 | 33.06 | 19.83 | 43.19 | 40- 50 | 53.02 | 790.0 | 93.1,42.1 |
| 60 | 37.73 | 19.52 | 16.77 | 19.78 | 35.75 | 17.39 | 15.64 | 19.88 | 50- 60 | 27.56 | 817.5 | 96.4,43.5 |
| 70 | 27.92 | 10.28 | 12.50 | 11.15 | 24.73 | 9.168 | 11.67 | 11.36 | 60- 70 | 16.67 | 834.2 | 98.3,44.4 |
| 80 | 15.57 | 5.521 | 5.649 | 5.416 | 13.61 | 4.415 | 5.013 | 5.761 | 70- 80 | 10.93 | 845.1 | 99.6,45 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 3.245 | 848.4 | 100,45.2 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 848.4 | 100,45.2 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 848.4 | 100,45.2 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 848.4 | 100,45.2 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 848.4 | 100,45.2 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 848.4 | 100,45.2 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 848.4 | 100,45.2 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 848.4 | 100,45.2 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 848.4 | 100,45.2 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 848.4 | 100,45.2 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-06-26

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-30H1000-A-83 Ra:97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

| | | |
|--|------------------|------------------------|
| Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz Lamp Flux:1877.8x1 lm | | |
| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-06-26

Range: 0 - 180DEG
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30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz
Lamp Flux:1877.8x1 lm

NAME: 2319.201Z-H3AM-500

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

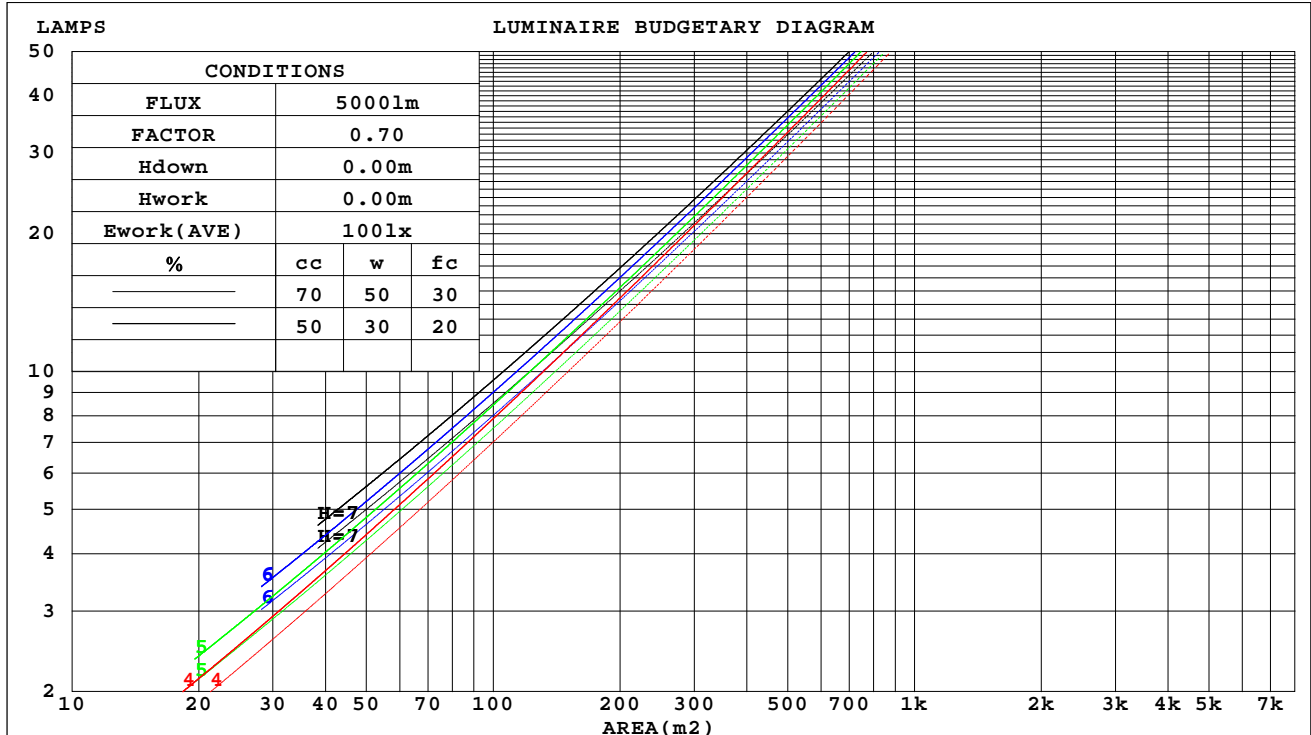
SERIAL No.: 2306270764

MFR.: RISE

SUR.: 0.002826m2

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:2023-06-26

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-30H1000-A-83 Ra:97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

WEC AND CCEC

| | | |
|--|------------------|------------------------|
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| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | 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 | .085 | .048 | .015 | .082 | .047 | .015 | .076 | .044 | .014 | .071 | .041 | .013 | .066 | .038 | .012 | |
| 2.0 | .080 | .044 | .014 | .078 | .043 | .013 | .073 | .041 | .013 | .069 | .038 | .012 | .064 | .036 | .011 | |
| 3.0 | .076 | .040 | .012 | .073 | .039 | .012 | .069 | .038 | .011 | .066 | .036 | .011 | .062 | .034 | .011 | |
| 4.0 | .071 | .037 | .011 | .069 | .036 | .011 | .066 | .035 | .010 | .063 | .034 | .010 | .059 | .032 | .010 | |
| 5.0 | .067 | .034 | .010 | .066 | .034 | .010 | .063 | .033 | .010 | .060 | .031 | .009 | .057 | .030 | .009 | |
| 6.0 | .064 | .032 | .009 | .062 | .031 | .009 | .060 | .031 | .009 | .057 | .030 | .009 | .055 | .029 | .009 | |
| 7.0 | .061 | .030 | .008 | .059 | .030 | .008 | .057 | .029 | .008 | .055 | .028 | .008 | .052 | .027 | .008 | |
| 8.0 | .058 | .028 | .008 | .056 | .028 | .008 | .054 | .027 | .008 | .052 | .027 | .008 | .050 | .026 | .008 | |
| 9.0 | .055 | .027 | .007 | .054 | .026 | .007 | .052 | .026 | .007 | .050 | .025 | .007 | .049 | .025 | .007 | |
| 10.0 | .052 | .025 | .007 | .052 | .025 | .007 | .050 | .024 | .007 | .048 | .024 | .007 | .047 | .024 | .007 | |

| 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 | .086 | .086 | .086 | .074 | .074 | .074 | .050 | .050 | .050 | .029 | .029 | .029 | .009 | .009 | .009 | | |
| 1.0 | .078 | .071 | .065 | .066 | .061 | .056 | .045 | .042 | .039 | .026 | .024 | .023 | .008 | .008 | .007 | | |
| 2.0 | .071 | .060 | .051 | .061 | .052 | .044 | .042 | .036 | .030 | .024 | .021 | .018 | .008 | .007 | .006 | | |
| 3.0 | .065 | .051 | .040 | .056 | .044 | .035 | .038 | .031 | .024 | .022 | .018 | .014 | .007 | .006 | .005 | | |
| 4.0 | .061 | .045 | .033 | .052 | .039 | .028 | .036 | .027 | .020 | .021 | .016 | .012 | .007 | .005 | .004 | | |
| 5.0 | .057 | .039 | .027 | .049 | .034 | .023 | .034 | .024 | .016 | .019 | .014 | .010 | .006 | .005 | .003 | | |
| 6.0 | .053 | .035 | .022 | .046 | .031 | .020 | .032 | .021 | .014 | .018 | .013 | .008 | .006 | .004 | .003 | | |
| 7.0 | .050 | .032 | .019 | .043 | .028 | .017 | .030 | .019 | .012 | .017 | .011 | .007 | .006 | .004 | .002 | | |
| 8.0 | .047 | .029 | .016 | .041 | .025 | .014 | .028 | .018 | .010 | .016 | .010 | .006 | .005 | .003 | .002 | | |
| 9.0 | .045 | .027 | .014 | .039 | .023 | .012 | .027 | .016 | .009 | .016 | .010 | .005 | .005 | .003 | .002 | | |
| 10.0 | .043 | .025 | .012 | .037 | .021 | .011 | .026 | .015 | .008 | .015 | .009 | .005 | .005 | .003 | .002 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-06-26

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-30H1000-A-83 Ra:97
LENS: HLTJ00281 HL-52 55R+SG-004
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30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|------------------|----------------|------|------------------------|------|------|
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| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2306270764 | | |
| MFR.: RISE | | | | | SUR.: 0.002826m2 | | | Shielding Angle: | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 20.3 | 21.2 | 20.5 | 21.4 | 21.6 | 13.7 | 14.7 | 14.0 | 14.9 | 15.0 |
| 3H | 20.9 | 21.8 | 21.2 | 22.0 | 22.2 | 14.9 | 15.8 | 15.1 | 16.0 | 16.2 |
| 4H | 21.4 | 22.2 | 21.7 | 22.4 | 22.7 | 15.6 | 16.4 | 15.8 | 16.6 | 16.8 |
| 6H | 22.0 | 22.8 | 22.3 | 23.0 | 23.3 | 16.1 | 16.9 | 16.4 | 17.1 | 17.4 |
| 8H | 22.2 | 23.0 | 22.5 | 23.2 | 23.5 | 16.3 | 17.0 | 16.6 | 17.3 | 17.5 |
| 12H | 22.3 | 23.1 | 22.7 | 23.3 | 23.6 | 16.3 | 17.1 | 16.7 | 17.3 | 17.6 |
| 4H 2H | 20.1 | 21.0 | 20.4 | 21.2 | 21.4 | 14.3 | 15.1 | 14.6 | 15.3 | 15.6 |
| 3H | 20.9 | 21.6 | 21.2 | 21.9 | 22.2 | 15.5 | 16.2 | 15.8 | 16.5 | 16.8 |
| 4H | 21.4 | 22.1 | 21.8 | 22.4 | 22.7 | 16.3 | 17.0 | 16.6 | 17.3 | 17.6 |
| 6H | 22.2 | 22.8 | 22.6 | 23.2 | 23.5 | 17.0 | 17.6 | 17.3 | 17.9 | 18.2 |
| 8H | 22.5 | 23.1 | 22.9 | 23.4 | 23.8 | 17.2 | 17.7 | 17.6 | 18.1 | 18.5 |
| 12H | 22.7 | 23.2 | 23.2 | 23.6 | 24.0 | 17.3 | 17.8 | 17.7 | 18.2 | 18.6 |
| 8H 4H | 21.4 | 21.9 | 21.8 | 22.3 | 22.7 | 16.6 | 17.1 | 17.0 | 17.5 | 17.9 |
| 6H | 22.2 | 22.7 | 22.7 | 23.1 | 23.5 | 17.4 | 17.8 | 17.8 | 18.2 | 18.6 |
| 8H | 22.6 | 23.0 | 23.1 | 23.4 | 23.9 | 17.7 | 18.1 | 18.1 | 18.5 | 18.9 |
| 12H | 22.9 | 23.2 | 23.4 | 23.7 | 24.1 | 17.9 | 18.2 | 18.4 | 18.7 | 19.1 |
| 12H 4H | 21.4 | 21.9 | 21.8 | 22.2 | 22.6 | 16.6 | 17.1 | 17.0 | 17.5 | 17.9 |
| 6H | 22.2 | 22.6 | 22.7 | 23.0 | 23.5 | 17.5 | 17.9 | 17.9 | 18.3 | 18.7 |
| 8H | 22.6 | 22.9 | 23.1 | 23.4 | 23.9 | 17.8 | 18.2 | 18.3 | 18.6 | 19.1 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.1 / - 1.0 | | | | | + 0.4 / - 0.4 | | | | |
| 1.5H | + 2.0 / - 1.5 | | | | | + 0.9 / - 0.3 | | | | |
| 2.0H | + 2.5 / - 1.5 | | | | | + 0.2 / - 0.5 | | | | |

CIE Pub.117, 1878 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
Area: 0.002826 m2

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30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|--|------------------|------------------------|
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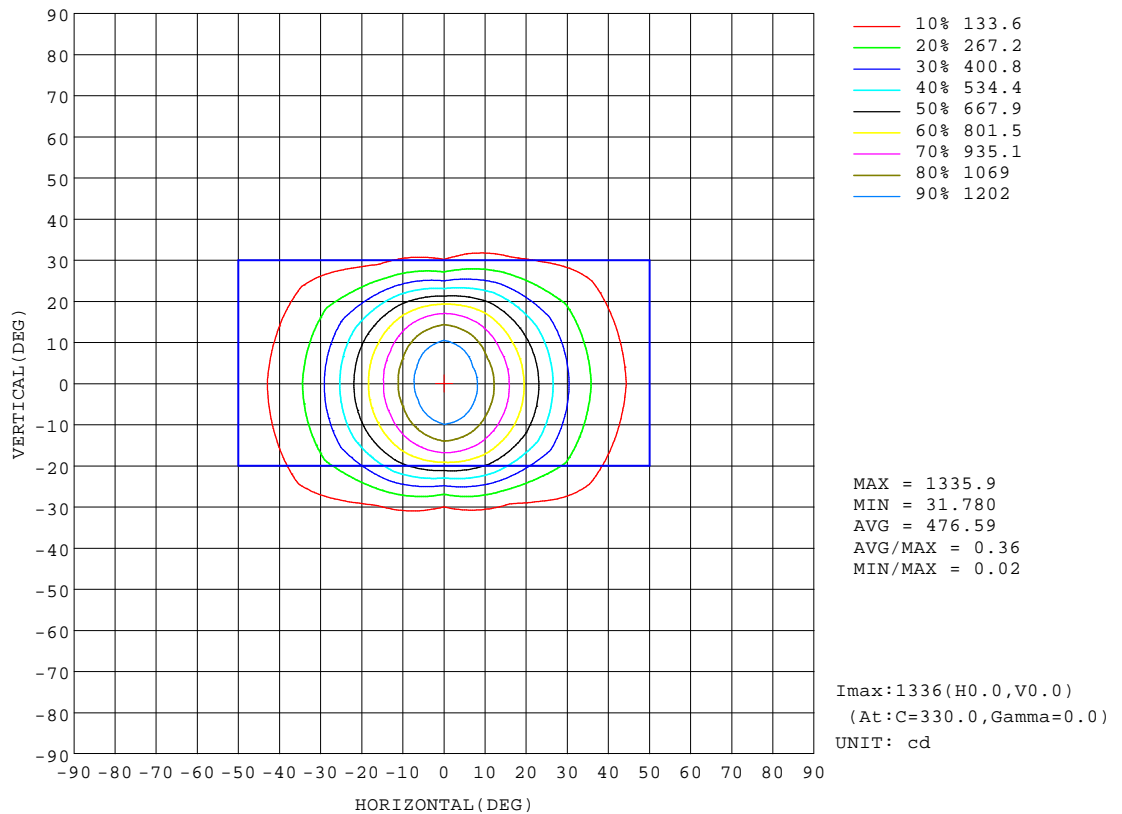
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 38 | 34 | 33 | 37 | 34 | 33 | 37 | 34 | 32 | 31 |
| 0.80 | 41 | 38 | 36 | 41 | 38 | 36 | 40 | 38 | 36 | 34 |
| 1.00 | 43 | 41 | 39 | 43 | 40 | 39 | 42 | 40 | 38 | 36 |
| 1.25 | 45 | 43 | 41 | 45 | 43 | 41 | 44 | 42 | 40 | 38 |
| 1.50 | 47 | 44 | 43 | 46 | 44 | 42 | 45 | 43 | 42 | 40 |
| 2.00 | 48 | 46 | 44 | 48 | 46 | 44 | 46 | 45 | 43 | 41 |
| 2.50 | 49 | 47 | 46 | 48 | 47 | 45 | 47 | 46 | 44 | 42 |
| 3.00 | 50 | 48 | 47 | 49 | 48 | 46 | 48 | 46 | 45 | 42 |
| 4.00 | 51 | 50 | 48 | 50 | 49 | 48 | 48 | 47 | 47 | 43 |
| 5.00 | 52 | 50 | 49 | 51 | 50 | 49 | 49 | 48 | 47 | 44 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

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ISOCANDELA DIAGRAM

| | | |
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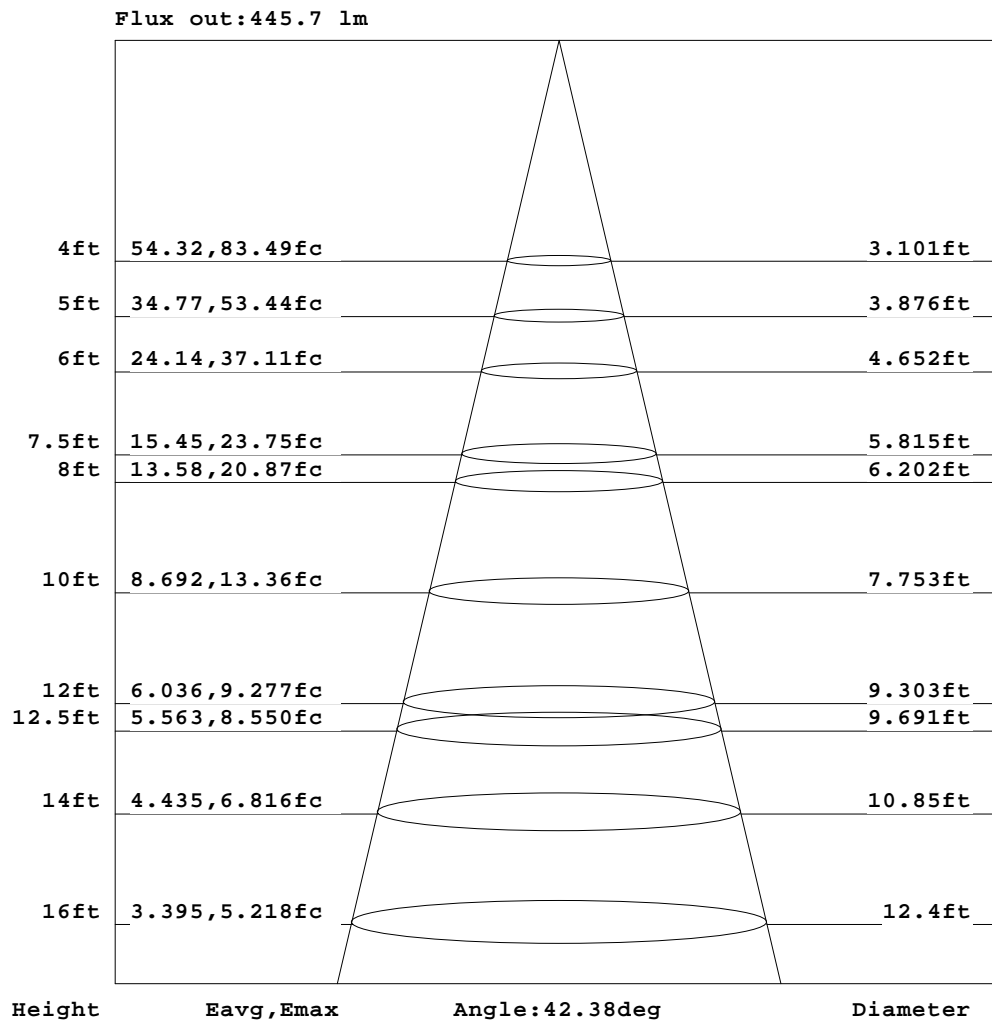


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Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:3.160m [K=1.0000]
 Remarks: LAMP:BXRE-30H1000-A-83 Ra:97
 LENS: HLTJ00281 HL-52 55R+SG-004
 DRIVER: TDI018NA050EF 500mA
 30minutes warm-up

AAI Figure

| | | |
|--|------------------|------------------------|
| Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz Lamp Flux:1877.8x1 lm | | |
| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |



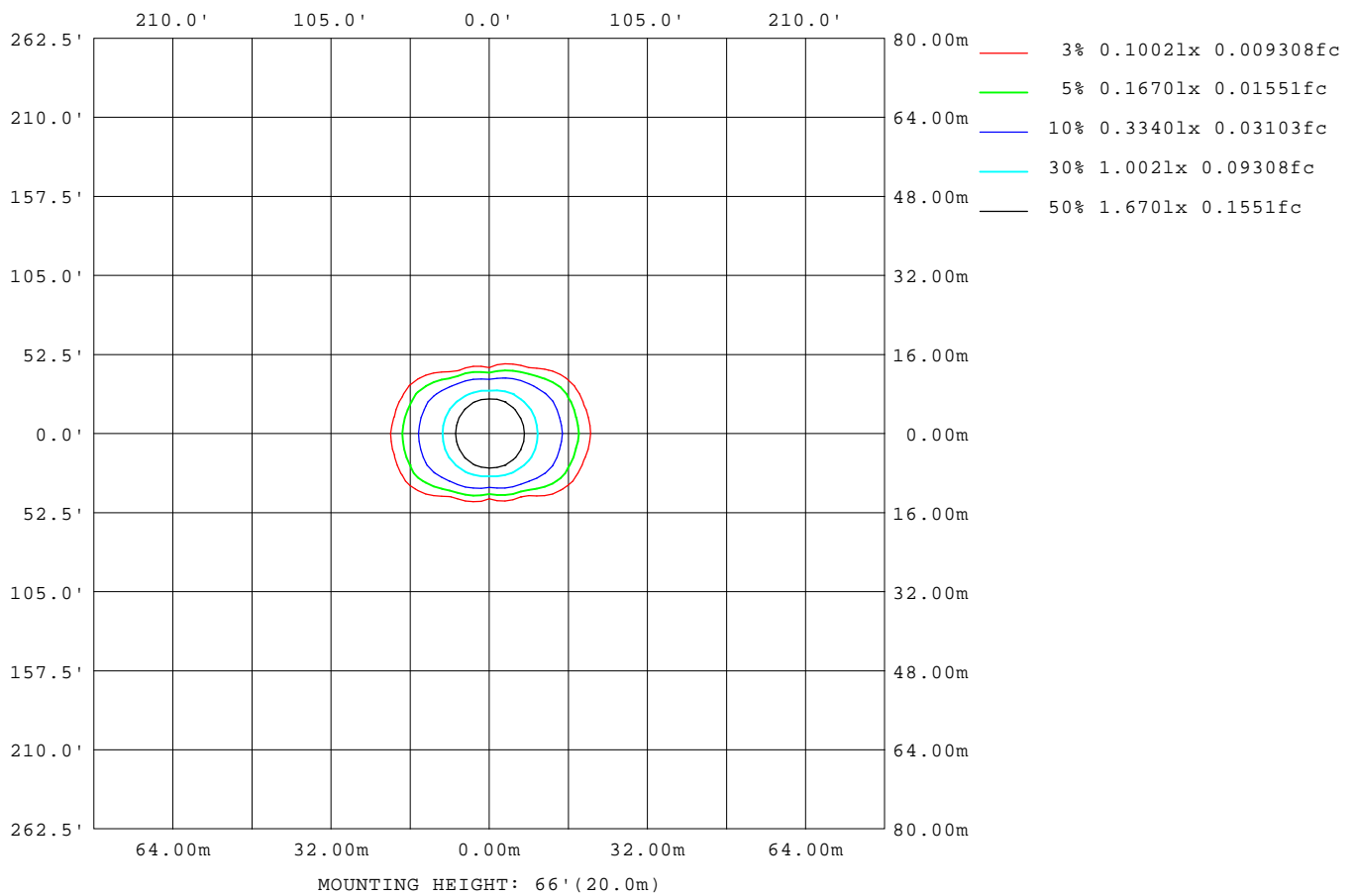
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-06-26

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-30H1000-A-83 Ra: 97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|--|------------------|------------------------|
| Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz Lamp Flux:1877.8x1 lm | | |
| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-06-26

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-30H1000-A-83 Ra: 97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

LED Avg.L Report

| | | |
|--|------------------|------------------------|
| Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz Lamp Flux:1877.8x1 lm | | |
| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

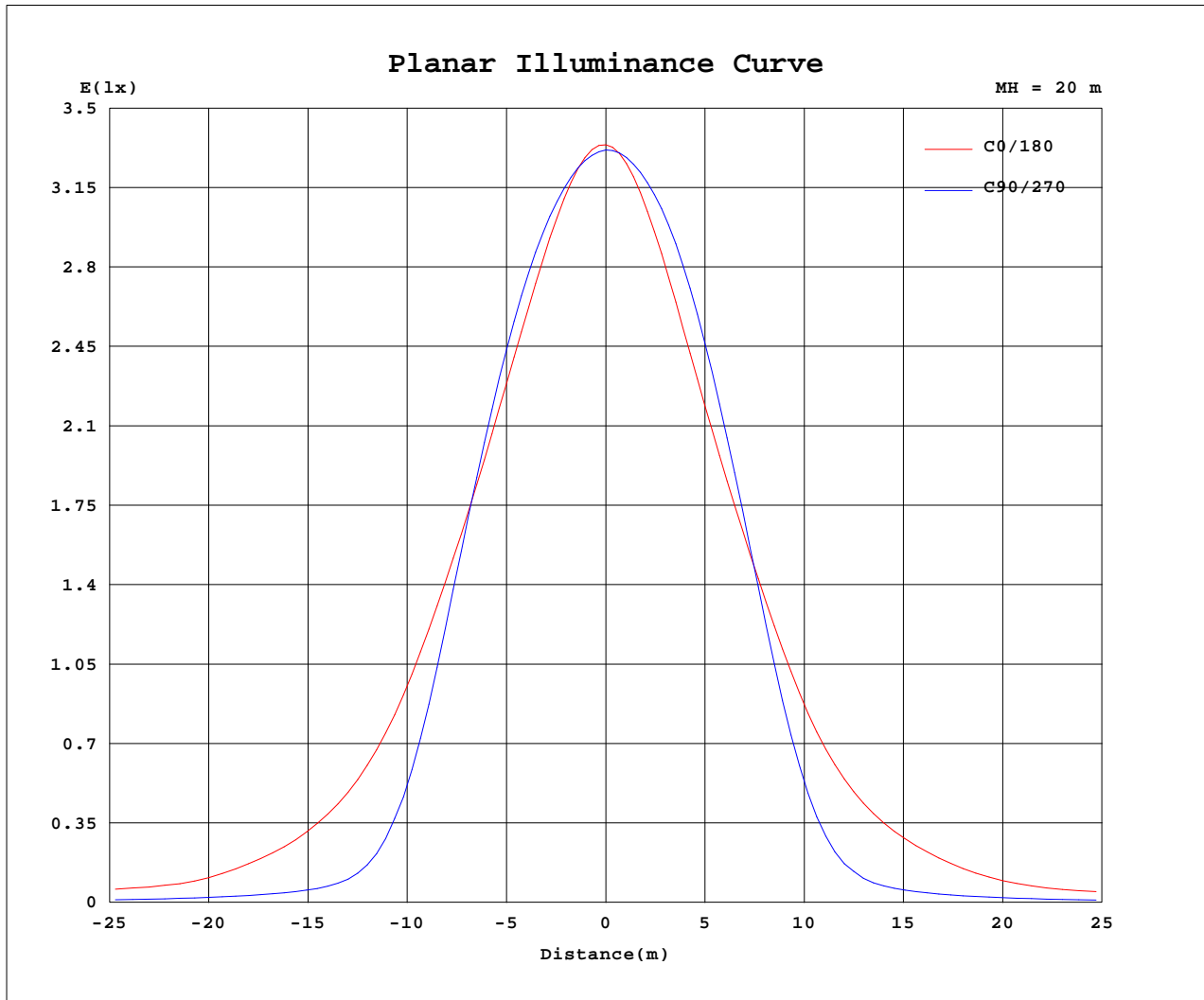
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 23423 |
| L_0~180(75)av | 28667 |
| L_0~180(85)av | 22564 |
| L_90~270(65)av | 11745 |
| L_90~270(75)av | 12361 |
| L_90~270(85)av | 8122 |
| L_45(65)av | 10994 |
| L_45(75)av | 10041 |
| L_45(85)av | 8576 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-06-26

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-30H1000-A-83 Ra:97
LENS: HLTJ00281 HL-52 55R+SG-004
DRIVER: TDI018NA050EF 500mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: zoe
 Test Date: 2023-06-26

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-30H1000-A-83 Ra: 97
 LENS: HLTJ00281 HL-52 55R+SG-004
 DRIVER: TDI018NA050EF 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|------------------|------------------------|
| Test:U:120.17V I:0.1708A P:20.315W PF:0.9881 Freq:59.98Hz Lamp Flux:1877.8x1 lm | | |
| NAME: 2319.201Z-H3AM-500 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2306270764 |
| MFR.: RISE | SUR.: 0.002826m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | 1330 | | | | | | |
| 5 | 1278 | 1285 | 1294 | 1296 | 1286 | 1268 | 1260 | 1268 | 1292 | 1305 | 1298 | 1282 | | | | | | |
| 10 | 1137 | 1152 | 1186 | 1203 | 1167 | 1122 | 1103 | 1122 | 1179 | 1219 | 1192 | 1148 | | | | | | |
| 15 | 963 | 979 | 1014 | 1028 | 986 | 939 | 919 | 937 | 998 | 1040 | 1015 | 972 | | | | | | |
| 20 | 779 | 790 | 791 | 749 | 766 | 749 | 736 | 744 | 765 | 755 | 793 | 780 | | | | | | |
| 25 | 591 | 594 | 516 | 390 | 505 | 553 | 545 | 543 | 484 | 398 | 538 | 586 | | | | | | |
| 30 | 412 | 408 | 243 | 133 | 251 | 377 | 372 | 363 | 227 | 138 | 286 | 403 | | | | | | |
| 35 | 282 | 264 | 88.0 | 52.8 | 96.9 | 248 | 254 | 233 | 81.1 | 54.1 | 121 | 266 | | | | | | |
| 40 | 194 | 165 | 39.6 | 34.9 | 44.0 | 161 | 175 | 146 | 39.6 | 34.3 | 54.2 | 174 | | | | | | |
| 45 | 124 | 98.9 | 29.2 | 26.3 | 31.4 | 99.9 | 109 | 84.4 | 29.0 | 24.9 | 37.3 | 106 | | | | | | |
| 50 | 96.6 | 50.3 | 24.0 | 21.2 | 24.7 | 53.3 | 78.9 | 42.9 | 23.2 | 19.8 | 27.9 | 58.5 | | | | | | |
| 55 | 58.4 | 30.4 | 19.0 | 18.9 | 18.3 | 35.4 | 54.3 | 28.1 | 18.2 | 17.8 | 19.7 | 42.3 | | | | | | |
| 60 | 37.7 | 24.7 | 14.3 | 16.8 | 13.5 | 26.1 | 35.7 | 20.9 | 13.9 | 15.6 | 13.9 | 25.9 | | | | | | |
| 65 | 27.6 | 17.1 | 11.1 | 14.4 | 10.4 | 16.4 | 28.4 | 15.0 | 10.7 | 13.6 | 10.6 | 20.8 | | | | | | |
| 70 | 27.9 | 11.9 | 8.61 | 12.5 | 9.17 | 13.1 | 24.7 | 10.1 | 8.19 | 11.7 | 9.25 | 13.5 | | | | | | |
| 75 | 21.1 | 8.72 | 7.41 | 9.43 | 7.15 | 10.1 | 20.9 | 7.55 | 6.46 | 8.66 | 7.44 | 10.8 | | | | | | |
| 80 | 15.6 | 6.01 | 5.03 | 5.65 | 4.70 | 6.13 | 13.6 | 4.68 | 4.14 | 5.01 | 4.71 | 6.82 | | | | | | |
| 85 | 6.39 | 2.72 | 2.31 | 2.18 | 2.00 | 2.60 | 4.72 | 1.91 | 1.68 | 1.82 | 2.03 | 3.14 | | | | | | |
| 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
Temperature:25.3℃
Operators:zoe
Test Date:2023-06-26

Range: 0 - 180DEG
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