

Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 86.8% | |
| Luminaire Power: | 13.89 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.50 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: BXRH-30G10T0-G-83 Ra:90
LENS: PM-1084A 24R
DRIVER: PUP20A-1WMC 600mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

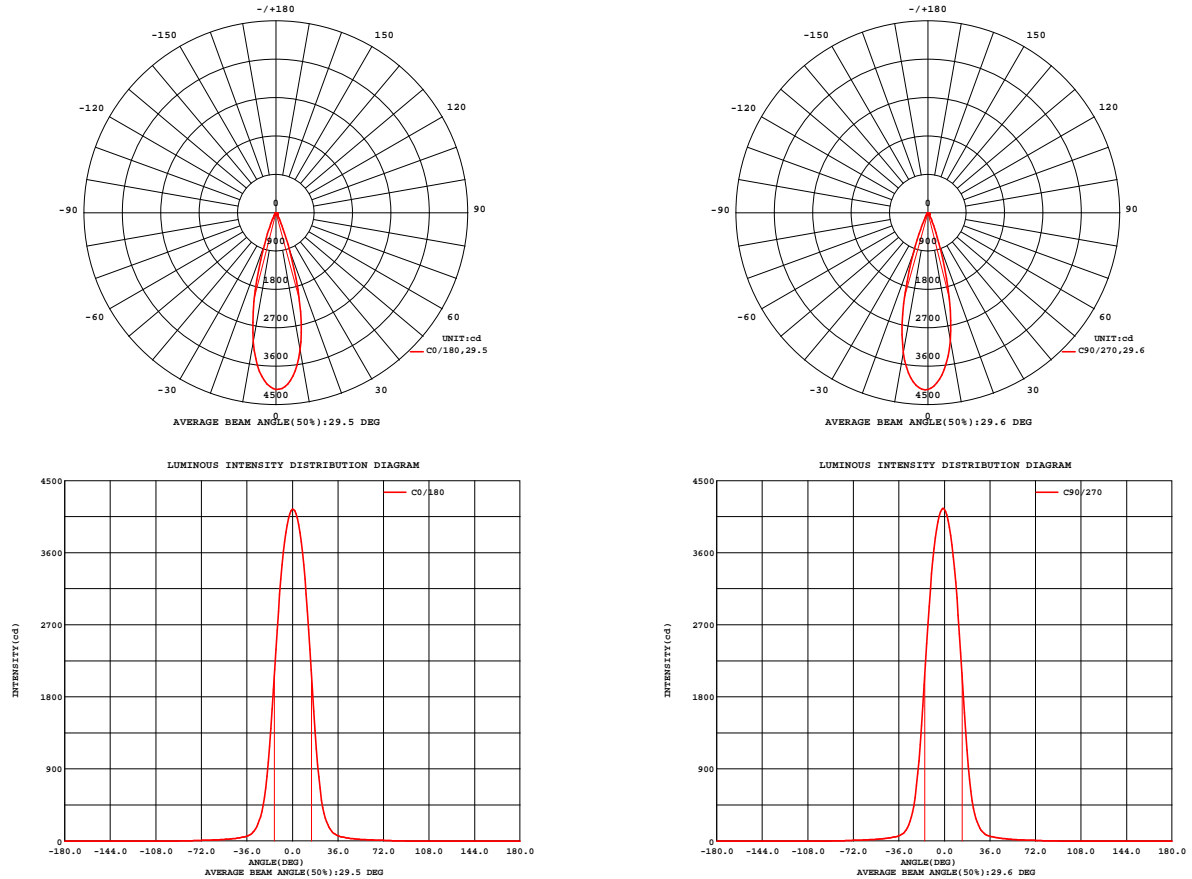


Fig. C0/C180

Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2025-7-17

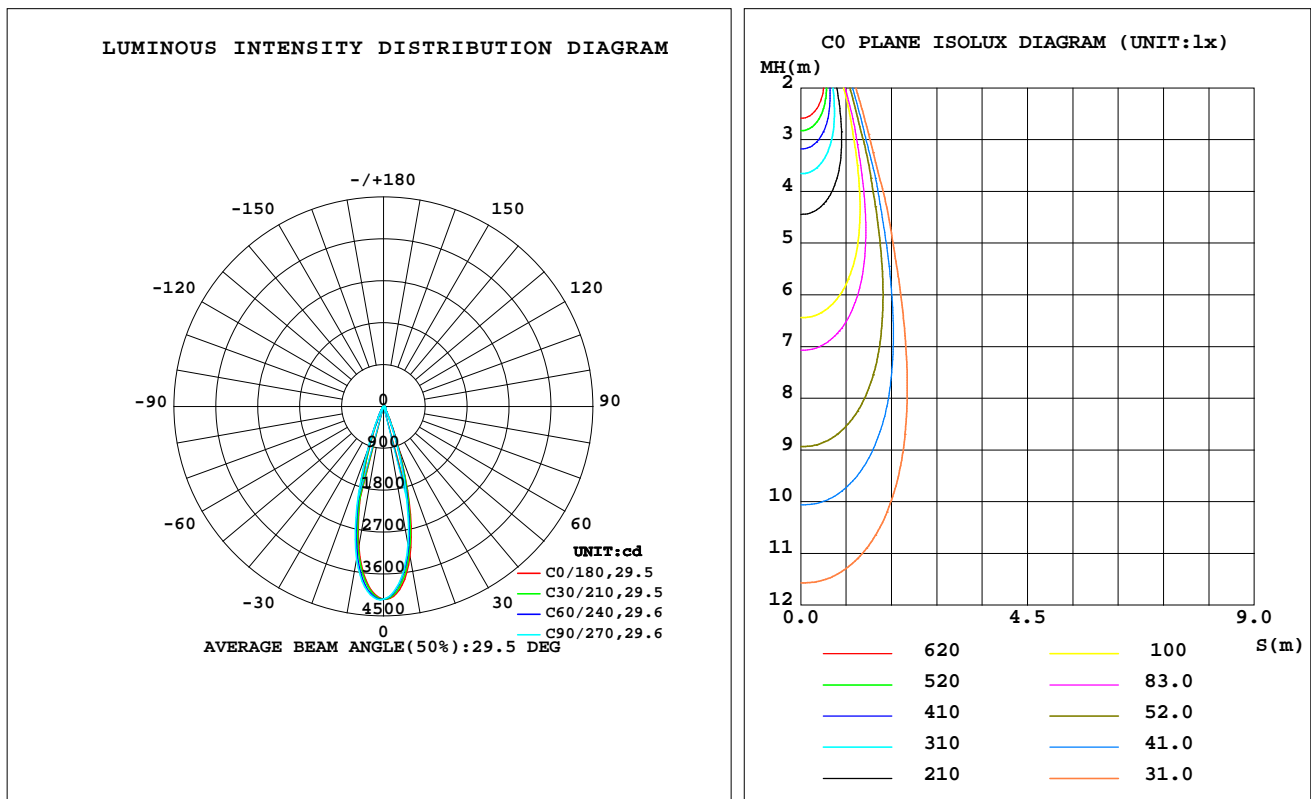
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Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: BXRH-30G10T0-G-83 Ra: 90
LENS: PM-1084A 24R
DRIVER: PUP20A-1WMC 600mA

30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|--------------------|------------------------|
| Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz Lamp Flux:1342.44x1 lm | | |
| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 83.92 lm/W | | | |
|------------------|-----------|----------------------------------|--------|-----------------|----------|
| MODEL | Brideglux | I _{max} (cd) | 4155 | S/MH(C0/180) | 0.46 |
| NOMINAL POWER(W) | 13 | LOR(%) | 86.8 | S/MH(C90/270) | 0.49 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 1165.7 | UP,DN(C0-180) | 0.0,41.8 |
| NOMINAL FLUX(lm) | 1342.44 | CIE CLASS | DIRECT | UP,DN(C180-360) | 0.0,45.0 |
| LAMPS INSIDE | 1 | up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 120 | down(%) | 86.8 | CIBSE SHR MAX | 0.50 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA

30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | | zone | total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|-----------|
| 10 | 3273 | 3143 | 3033 | 3016 | 3076 | 3192 | 3335 | 3355 | 0- 10 | 349.3 | 349.3 | 30,26 |
| 20 | 950.9 | 867.4 | 764.6 | 760.2 | 808.6 | 919.5 | 997.6 | 1030 | 10- 20 | 536.8 | 886.1 | 76,66 |
| 30 | 145.2 | 131.4 | 116.2 | 115.0 | 126.0 | 137.2 | 139.4 | 153.4 | 20- 30 | 169.8 | 1056 | 90.6,78.7 |
| 40 | 48.15 | 46.95 | 45.72 | 44.59 | 44.76 | 46.72 | 48.52 | 50.03 | 30- 40 | 47.08 | 1103 | 94.6,82.2 |
| 50 | 25.40 | 25.34 | 25.10 | 23.89 | 23.74 | 25.07 | 26.16 | 26.28 | 40- 50 | 26.42 | 1129 | 96.9,84.1 |
| 60 | 14.64 | 14.47 | 14.38 | 14.09 | 14.04 | 14.57 | 15.21 | 15.11 | 50- 60 | 17.12 | 1147 | 98.4,85.4 |
| 70 | 9.198 | 8.954 | 8.889 | 8.827 | 8.912 | 9.170 | 9.402 | 9.451 | 60- 70 | 11.53 | 1158 | 99.3,86.3 |
| 80 | 3.198 | 3.196 | 2.915 | 3.220 | 3.307 | 3.314 | 3.320 | 3.290 | 70- 80 | 6.554 | 1165 | 99.9,86.8 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 1.091 | 1166 | 100,86.8 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1166 | 100,86.8 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1166 | 100,86.8 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1166 | 100,86.8 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1166 | 100,86.8 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1166 | 100,86.8 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1166 | 100,86.8 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1166 | 100,86.8 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1166 | 100,86.8 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1166 | 100,86.8 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA

30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz
Lamp Flux:1342.44x1 lm

NAME: 2218.511-LEA-28-H0

TYPE:

WEIGHT:

SPEC.: 3000K

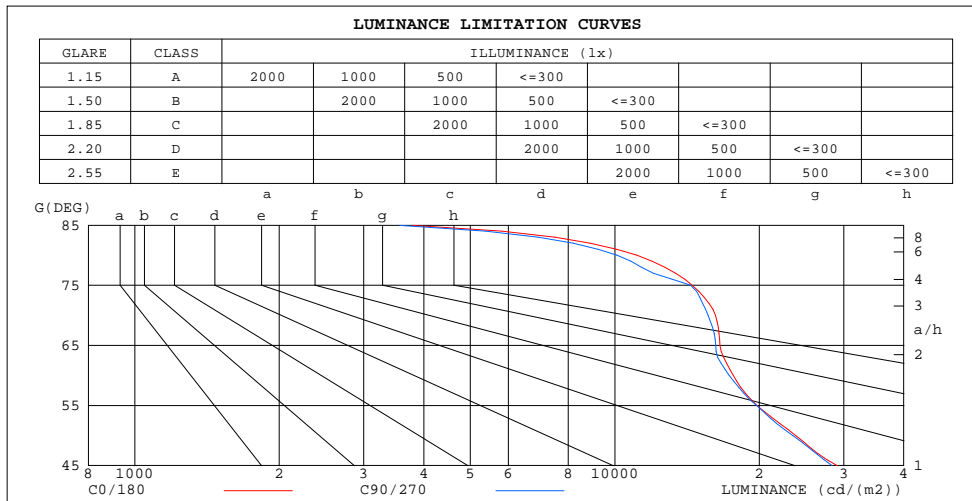
DIM.:

SERIAL No.: 2507170436

MFR.: RISE

SUR.: 0.00166106m2

Shielding Angle:



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------------------|
| G(180) | G(270) | LUMINANCE (cd/(m2)) |
| 85 | 3782 | 3560 |
| 80 | 11104 | 10104 |
| 75 | 14495 | 14374 |
| 70 | 16215 | 15642 |
| 65 | 16552 | 16220 |
| 60 | 17657 | 17316 |
| 55 | 19794 | 19751 |
| 50 | 23822 | 23505 |
| 45 | 29094 | 28393 |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2025-7-17

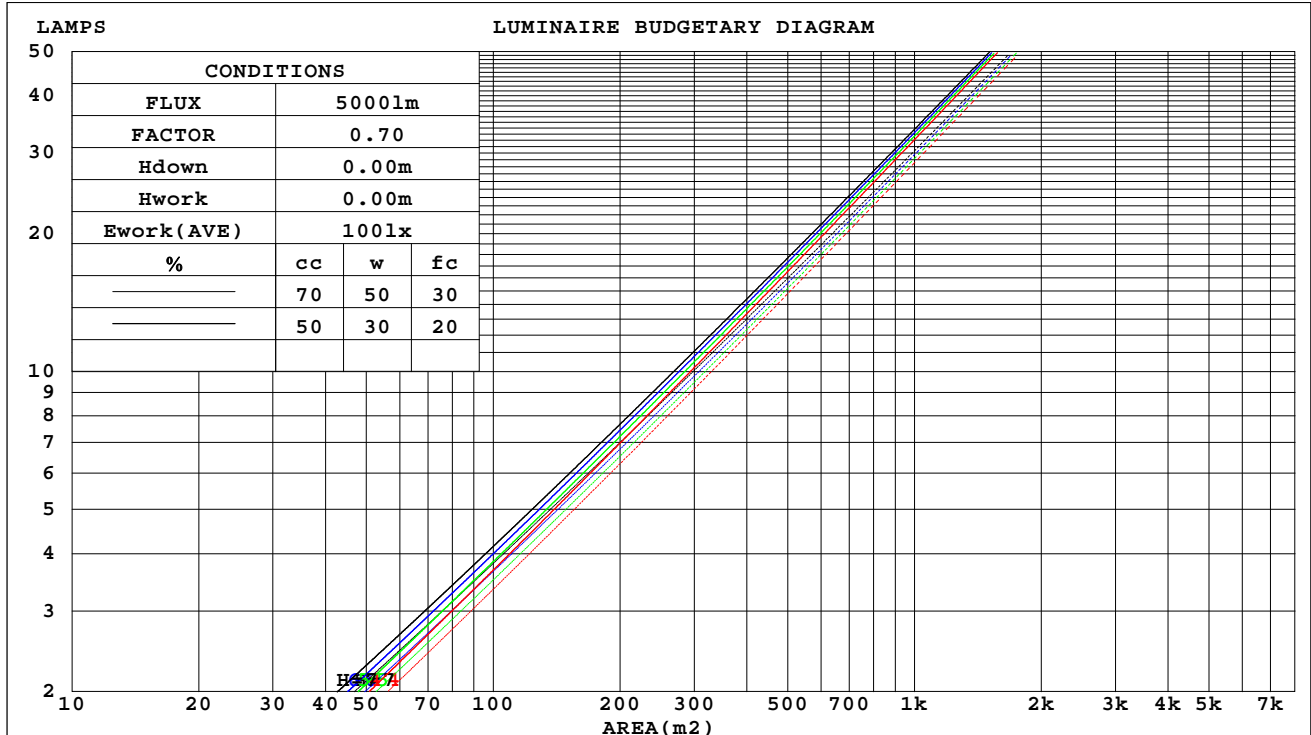
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LENS:PM-1084A 24R
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30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------------|------------------------|
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| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | 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:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA

30minutes warm-up

WEC AND CCEC

| | | |
|---|--------------------|------------------------|
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| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | 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 | .130 | .074 | .023 | .124 | .071 | .023 | .114 | .065 | .021 | .104 | .060 | .019 | .094 | .055 | .018 | |
| 2.0 | .121 | .066 | .020 | .116 | .064 | .020 | .107 | .060 | .019 | .099 | .056 | .017 | .092 | .052 | .016 | |
| 3.0 | .113 | .060 | .018 | .109 | .058 | .018 | .101 | .055 | .017 | .095 | .052 | .016 | .088 | .049 | .015 | |
| 4.0 | .106 | .055 | .016 | .102 | .054 | .016 | .096 | .051 | .015 | .090 | .048 | .015 | .085 | .046 | .014 | |
| 5.0 | .099 | .051 | .015 | .097 | .050 | .014 | .091 | .047 | .014 | .086 | .045 | .014 | .081 | .043 | .013 | |
| 6.0 | .094 | .047 | .013 | .091 | .046 | .013 | .087 | .044 | .013 | .082 | .043 | .013 | .078 | .041 | .012 | |
| 7.0 | .089 | .044 | .012 | .087 | .043 | .012 | .083 | .042 | .012 | .079 | .040 | .012 | .075 | .039 | .011 | |
| 8.0 | .085 | .041 | .012 | .083 | .041 | .012 | .079 | .040 | .011 | .076 | .038 | .011 | .073 | .037 | .011 | |
| 9.0 | .081 | .039 | .011 | .079 | .039 | .011 | .076 | .038 | .011 | .073 | .037 | .010 | .070 | .036 | .010 | |
| 10.0 | .077 | .037 | .010 | .076 | .037 | .010 | .073 | .036 | .010 | .070 | .035 | .010 | .068 | .034 | .010 | |

| 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 | .165 | .165 | .165 | .141 | .141 | .141 | .096 | .096 | .096 | .055 | .055 | .055 | .018 | .018 | .018 | | |
| 1.0 | .147 | .137 | .128 | .126 | .117 | .110 | .086 | .081 | .076 | .050 | .047 | .044 | .016 | .015 | .014 | | |
| 2.0 | .132 | .115 | .101 | .113 | .099 | .087 | .077 | .069 | .061 | .045 | .040 | .036 | .014 | .013 | .012 | | |
| 3.0 | .119 | .098 | .082 | .102 | .085 | .071 | .070 | .059 | .050 | .041 | .034 | .029 | .013 | .011 | .010 | | |
| 4.0 | .109 | .085 | .067 | .093 | .074 | .058 | .064 | .051 | .041 | .037 | .030 | .024 | .012 | .010 | .008 | | |
| 5.0 | .100 | .075 | .056 | .086 | .065 | .049 | .059 | .045 | .034 | .034 | .026 | .020 | .011 | .009 | .007 | | |
| 6.0 | .093 | .066 | .047 | .080 | .057 | .041 | .055 | .040 | .029 | .032 | .024 | .017 | .010 | .008 | .006 | | |
| 7.0 | .086 | .059 | .040 | .074 | .051 | .035 | .051 | .036 | .025 | .030 | .021 | .015 | .010 | .007 | .005 | | |
| 8.0 | .080 | .053 | .035 | .069 | .046 | .030 | .048 | .032 | .021 | .028 | .019 | .013 | .009 | .006 | .004 | | |
| 9.0 | .076 | .048 | .030 | .065 | .042 | .026 | .045 | .030 | .019 | .026 | .017 | .011 | .009 | .006 | .004 | | |
| 10.0 | .071 | .044 | .026 | .061 | .039 | .023 | .043 | .027 | .016 | .025 | .016 | .010 | .008 | .005 | .003 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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Operators:zoe
Test Date:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA

30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|--------------------|----------------|------|------------------------|------|------|
| Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz Lamp Flux:1342.44x1 lm | | | | | | | | | | |
| NAME: 2218.511-LEA-28-H0 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: 2507170436 | | |
| MFR.: RISE | | | | | SUR.: 0.00166106m2 | | | 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 | 15.1 | 15.8 | 15.3 | 16.0 | 16.1 | 14.9 | 15.6 | 15.1 | 15.8 | 15.9 |
| 3H | 16.1 | 16.8 | 16.3 | 17.0 | 17.2 | 15.9 | 16.6 | 16.2 | 16.8 | 17.0 |
| 4H | 16.5 | 17.2 | 16.8 | 17.4 | 17.6 | 16.4 | 17.0 | 16.6 | 17.2 | 17.4 |
| 6H | 16.8 | 17.4 | 17.1 | 17.6 | 17.9 | 16.6 | 17.2 | 16.9 | 17.4 | 17.6 |
| 8H | 16.8 | 17.4 | 17.1 | 17.7 | 17.9 | 16.6 | 17.2 | 16.9 | 17.4 | 17.7 |
| 12H | 16.8 | 17.4 | 17.1 | 17.6 | 17.9 | 16.6 | 17.1 | 16.9 | 17.4 | 17.7 |
| 4H 2H | 15.5 | 16.1 | 15.7 | 16.3 | 16.5 | 15.3 | 15.9 | 15.6 | 16.1 | 16.4 |
| 3H | 16.7 | 17.2 | 17.0 | 17.5 | 17.8 | 16.5 | 17.1 | 16.8 | 17.3 | 17.6 |
| 4H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.4 | 17.9 | 18.2 |
| 6H | 17.6 | 18.0 | 17.9 | 18.3 | 18.7 | 17.4 | 17.8 | 17.7 | 18.1 | 18.5 |
| 8H | 17.6 | 18.0 | 18.0 | 18.4 | 18.7 | 17.4 | 17.8 | 17.8 | 18.2 | 18.5 |
| 12H | 17.6 | 18.0 | 18.0 | 18.3 | 18.7 | 17.4 | 17.8 | 17.8 | 18.1 | 18.5 |
| 8H 4H | 17.4 | 17.8 | 17.8 | 18.1 | 18.5 | 17.2 | 17.7 | 17.6 | 18.0 | 18.4 |
| 6H | 17.8 | 18.1 | 18.2 | 18.5 | 19.0 | 17.6 | 18.0 | 18.0 | 18.4 | 18.8 |
| 8H | 17.9 | 18.2 | 18.3 | 18.6 | 19.0 | 17.7 | 18.0 | 18.1 | 18.4 | 18.9 |
| 12H | 17.9 | 18.1 | 18.3 | 18.6 | 19.0 | 17.7 | 17.9 | 18.1 | 18.4 | 18.9 |
| 12H 4H | 17.4 | 17.7 | 17.8 | 18.1 | 18.5 | 17.2 | 17.6 | 17.6 | 18.0 | 18.4 |
| 6H | 17.8 | 18.1 | 18.2 | 18.5 | 19.0 | 17.6 | 17.9 | 18.1 | 18.3 | 18.8 |
| 8H | 17.9 | 18.2 | 18.4 | 18.6 | 19.1 | 17.7 | 18.0 | 18.2 | 18.4 | 18.9 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.6 | | | | | + 0.4 / - 0.5 | | | | |
| 1.5H | + 0.6 / - 0.4 | | | | | + 0.5 / - 0.4 | | | | |
| 2.0H | + 0.8 / - 0.6 | | | | | + 0.8 / - 0.6 | | | | |

CIE Pub.117, 1342 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)
Area: 0.00166106 m2

C Range: 0 - 360DEG
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Test Speed: HIGH
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Operators:zoe
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Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA

30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------|------------------------|
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| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |

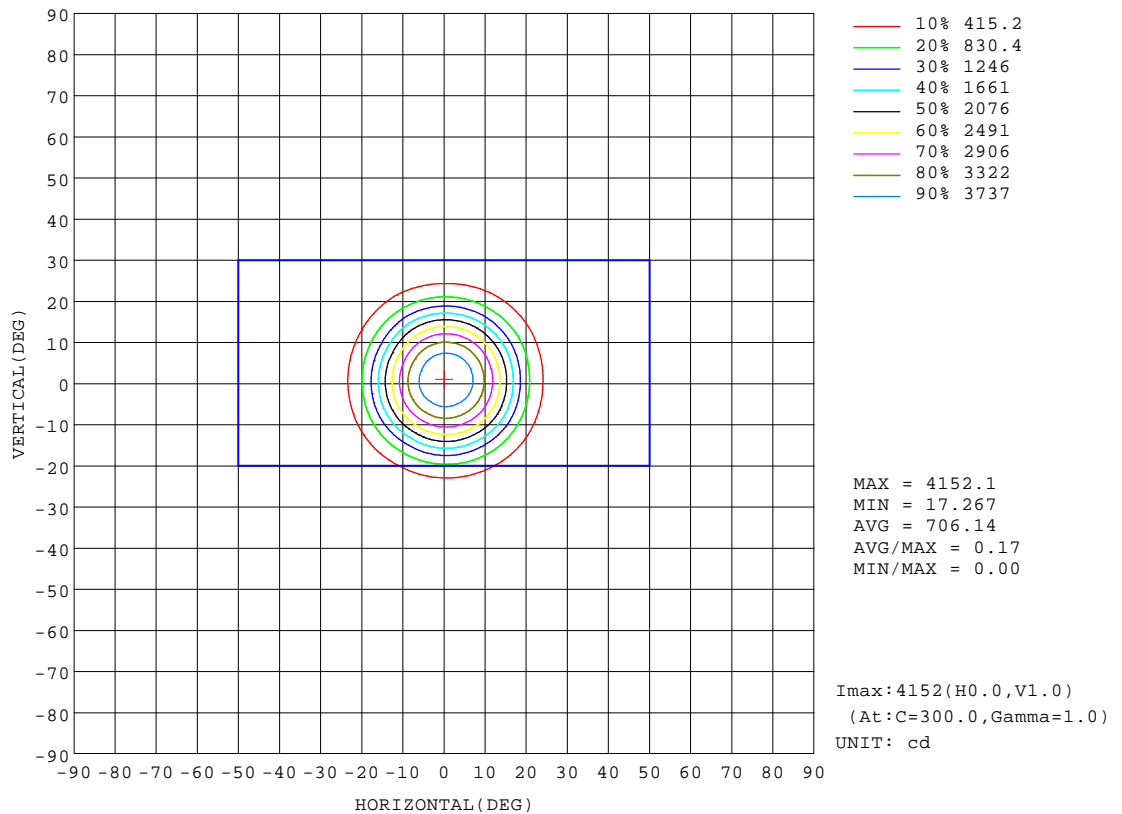
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 77 | 71 | 68 | 76 | 71 | 68 | 76 | 71 | 68 | 65 |
| 0.80 | 83 | 78 | 75 | 82 | 78 | 75 | 81 | 77 | 74 | 71 |
| 1.00 | 87 | 82 | 79 | 86 | 81 | 78 | 84 | 81 | 78 | 75 |
| 1.25 | 90 | 85 | 82 | 89 | 85 | 82 | 87 | 84 | 81 | 78 |
| 1.50 | 92 | 88 | 85 | 91 | 87 | 85 | 89 | 86 | 84 | 80 |
| 2.00 | 94 | 91 | 88 | 93 | 90 | 87 | 91 | 88 | 86 | 82 |
| 2.50 | 96 | 93 | 90 | 94 | 91 | 89 | 92 | 89 | 88 | 82 |
| 3.00 | 97 | 94 | 92 | 96 | 93 | 91 | 93 | 91 | 89 | 83 |
| 4.00 | 99 | 97 | 95 | 97 | 95 | 93 | 94 | 92 | 91 | 85 |
| 5.00 | 100 | 98 | 97 | 98 | 96 | 95 | 95 | 94 | 92 | 86 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

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Test Speed: HIGH
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Operators:zoe
Test Date:2025-7-17

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Interval: 1.0DEG
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Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA
30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|------------------------|
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| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |

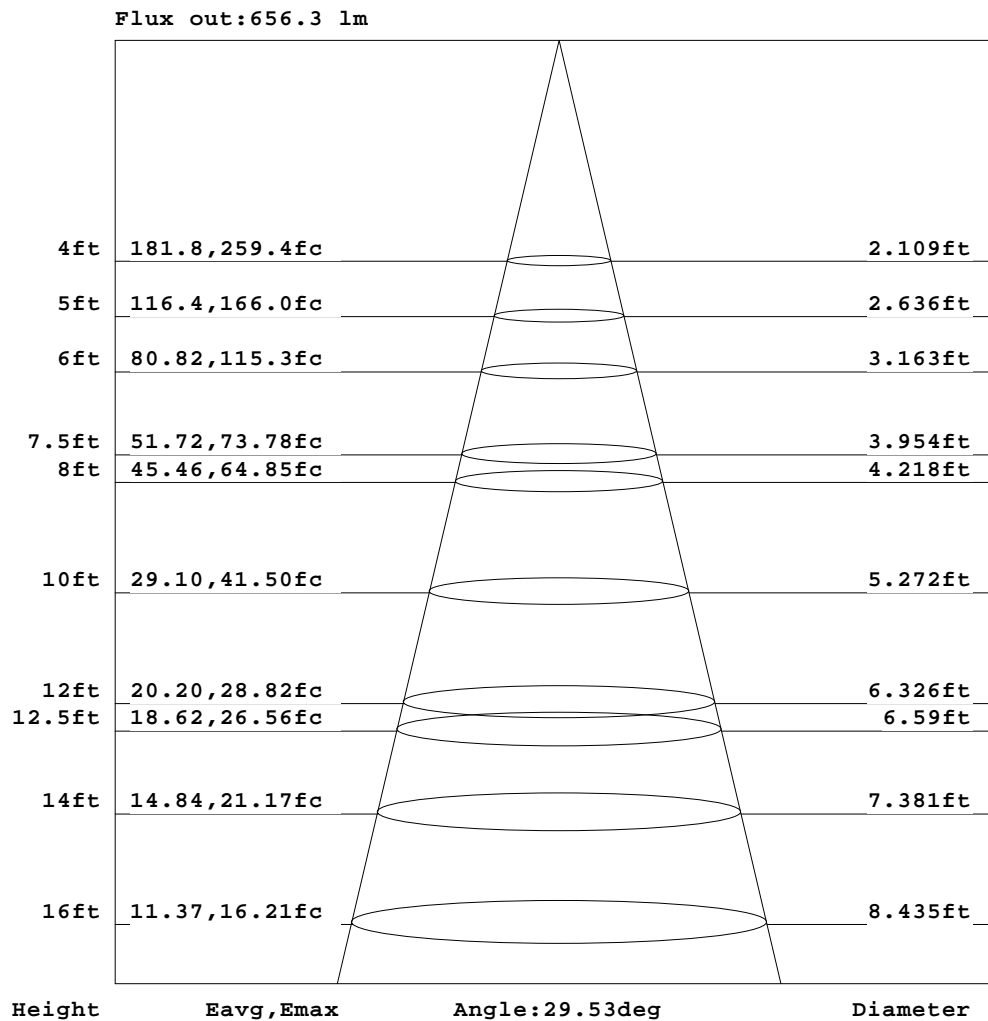


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA
30minutes warm-up

AAI Figure

| | | |
|---|--------------------|------------------------|
| Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz Lamp Flux:1342.44x1 lm | | |
| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |



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

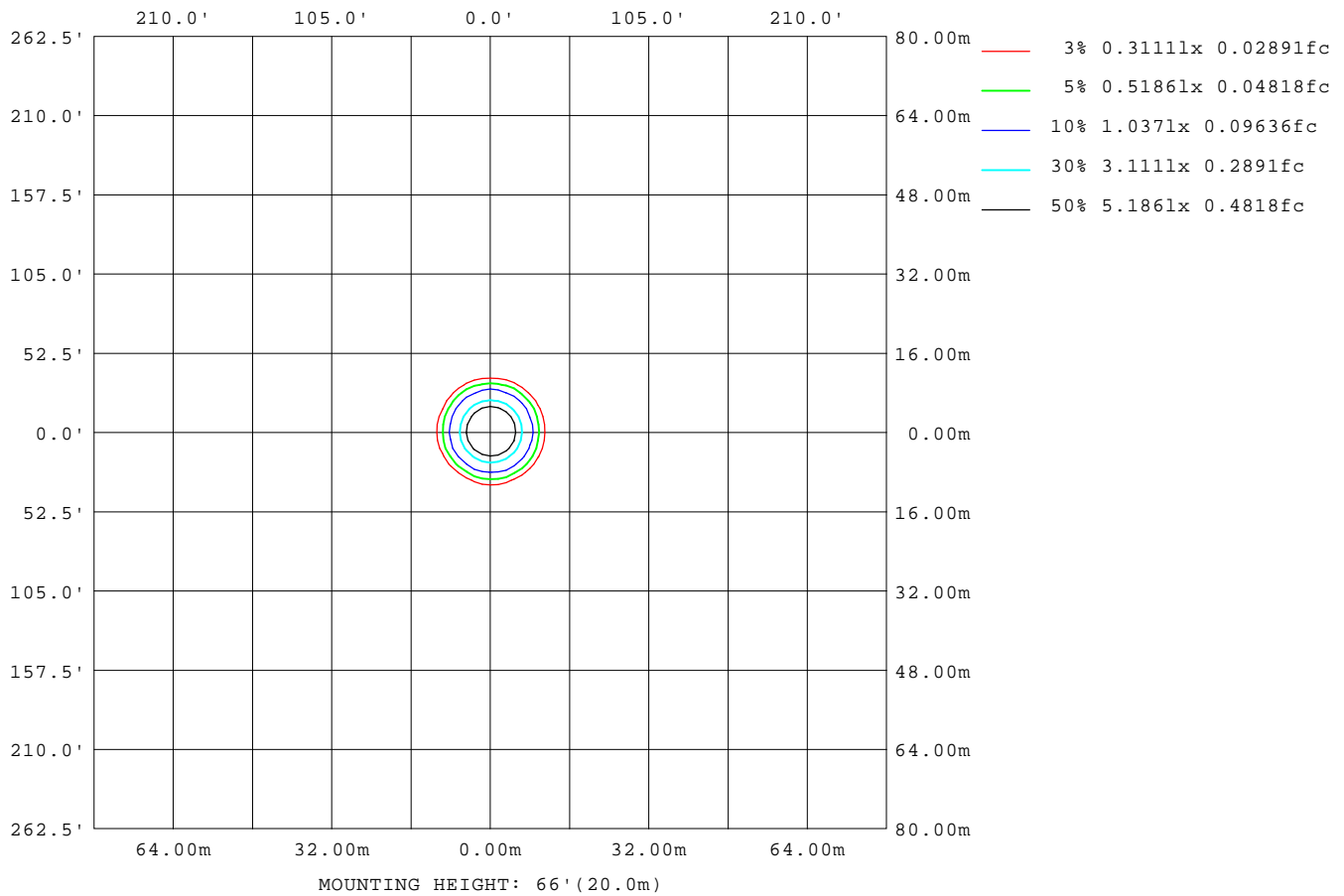
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: BXRH-30G10T0-G-83 Ra: 90
LENS: PM-1084A 24R
DRIVER: PUP20A-1WMC 600mA

30minutes warm-up

ISOLUX DIAGRAM

| | | |
|---|--------------------|------------------------|
| Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz Lamp Flux:1342.44x1 lm | | |
| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA

30minutes warm-up

LED Avg.L Report

| | | |
|---|--------------------|------------------------|
| Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz Lamp Flux:1342.44x1 lm | | |
| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |

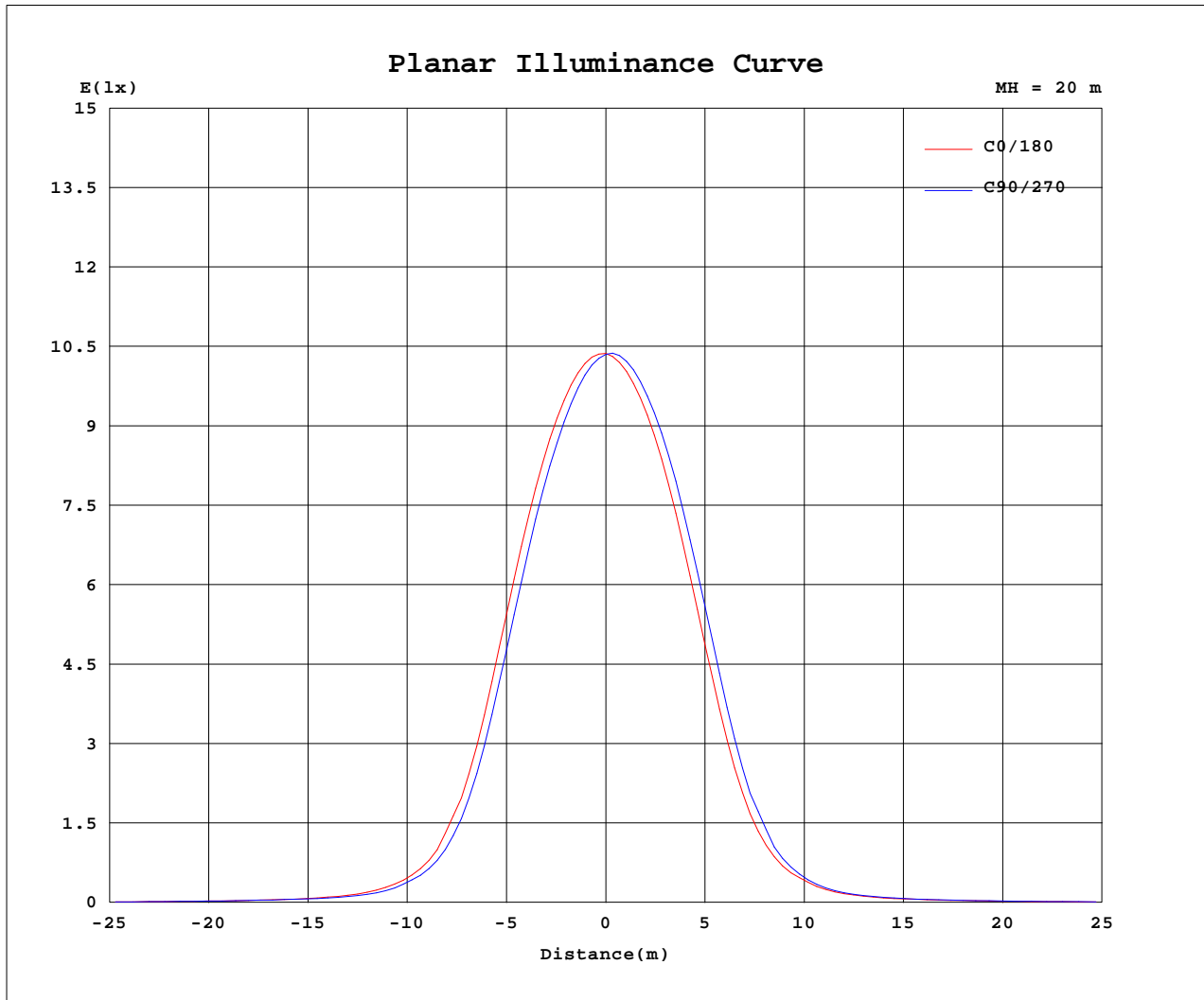
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 16323 |
| L_0~180(75)av | 14509 |
| L_0~180(85)av | 3995 |
| L_90~270(65)av | 16557 |
| L_90~270(75)av | 14622 |
| L_90~270(85)av | 3891 |
| L_45(65)av | 16444 |
| L_45(75)av | 14578 |
| L_45(85)av | 3931 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2025-7-17

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRH-30G10T0-G-83 Ra:90
LENS:PM-1084A 24R
DRIVER:PUP20A-1WMC 600mA
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: 2025-7-17

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: BXRH-30G10T0-G-83 Ra:90
 LENS: PM-1084A 24R
 DRIVER: PUP20A-1WMC 600mA

30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|------------------------|
| Test:U:120.08V I:0.1166A P:13.890W PF:0.9907 Freq:59.98Hz Lamp Flux:1342.44x1 lm | | |
| NAME: 2218.511-LEA-28-H0 | TYPE: | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: 2507170436 |
| MFR.: RISE | SUR.: 0.00166106m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | 4142 | | | | | | |
| 5 | 3948 | 3899 | 3837 | 3814 | 3800 | 3828 | 3851 | 3882 | 3946 | 3982 | 4002 | 3989 | | | | | | |
| 10 | 3273 | 3197 | 3089 | 3033 | 2995 | 3037 | 3076 | 3129 | 3256 | 3335 | 3368 | 3343 | | | | | | |
| 15 | 2138 | 2058 | 1918 | 1850 | 1785 | 1846 | 1893 | 1956 | 2125 | 2208 | 2244 | 2219 | | | | | | |
| 20 | 951 | 901 | 834 | 765 | 745 | 776 | 809 | 876 | 963 | 998 | 1037 | 1024 | | | | | | |
| 25 | 346 | 329 | 296 | 277 | 261 | 284 | 302 | 321 | 357 | 360 | 385 | 381 | | | | | | |
| 30 | 145 | 138 | 124 | 116 | 110 | 120 | 126 | 131 | 143 | 139 | 151 | 156 | | | | | | |
| 35 | 75.1 | 70.7 | 67.2 | 65.4 | 63.8 | 64.8 | 66.0 | 67.7 | 72.0 | 71.6 | 76.0 | 79.3 | | | | | | |
| 40 | 48.2 | 47.3 | 46.6 | 45.7 | 44.6 | 44.6 | 44.8 | 45.5 | 47.9 | 48.5 | 50.2 | 49.8 | | | | | | |
| 45 | 34.1 | 33.8 | 33.9 | 33.4 | 32.2 | 31.6 | 31.6 | 32.1 | 33.8 | 34.5 | 35.6 | 35.0 | | | | | | |
| 50 | 25.4 | 25.4 | 25.3 | 25.1 | 24.1 | 23.6 | 23.7 | 24.4 | 25.7 | 26.2 | 26.5 | 26.0 | | | | | | |
| 55 | 18.8 | 19.1 | 18.8 | 18.8 | 18.2 | 17.7 | 17.8 | 18.5 | 19.5 | 19.8 | 20.0 | 19.3 | | | | | | |
| 60 | 14.6 | 14.6 | 14.4 | 14.4 | 14.2 | 14.0 | 14.0 | 14.3 | 14.9 | 15.2 | 15.3 | 14.9 | | | | | | |
| 65 | 11.6 | 11.4 | 11.3 | 11.4 | 11.4 | 11.3 | 11.3 | 11.4 | 11.7 | 11.9 | 12.0 | 11.8 | | | | | | |
| 70 | 9.20 | 9.03 | 8.88 | 8.89 | 8.82 | 8.83 | 8.91 | 9.04 | 9.30 | 9.40 | 9.53 | 9.37 | | | | | | |
| 75 | 6.22 | 6.22 | 6.15 | 6.18 | 6.14 | 6.20 | 6.25 | 6.26 | 6.39 | 6.39 | 6.43 | 6.33 | | | | | | |
| 80 | 3.20 | 3.22 | 3.17 | 2.92 | 3.19 | 3.25 | 3.31 | 3.27 | 3.36 | 3.32 | 3.33 | 3.25 | | | | | | |
| 85 | 0.55 | 0.57 | 0.52 | 0.52 | 0.51 | 0.57 | 0.61 | 0.59 | 0.64 | 0.61 | 0.60 | 0.56 | | | | | | |
| 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:2025-7-17

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