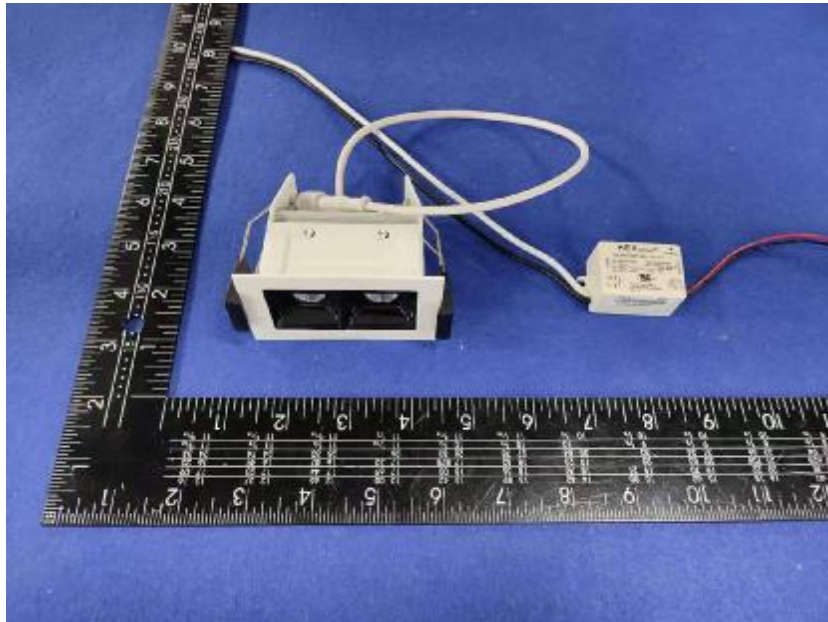


Luminaire Photograph



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 76.5% | |
| Luminaire Power: | 6.077 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: 25.3DEG
Operators: Zoe
Test Date: 2021-6-3

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR: PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

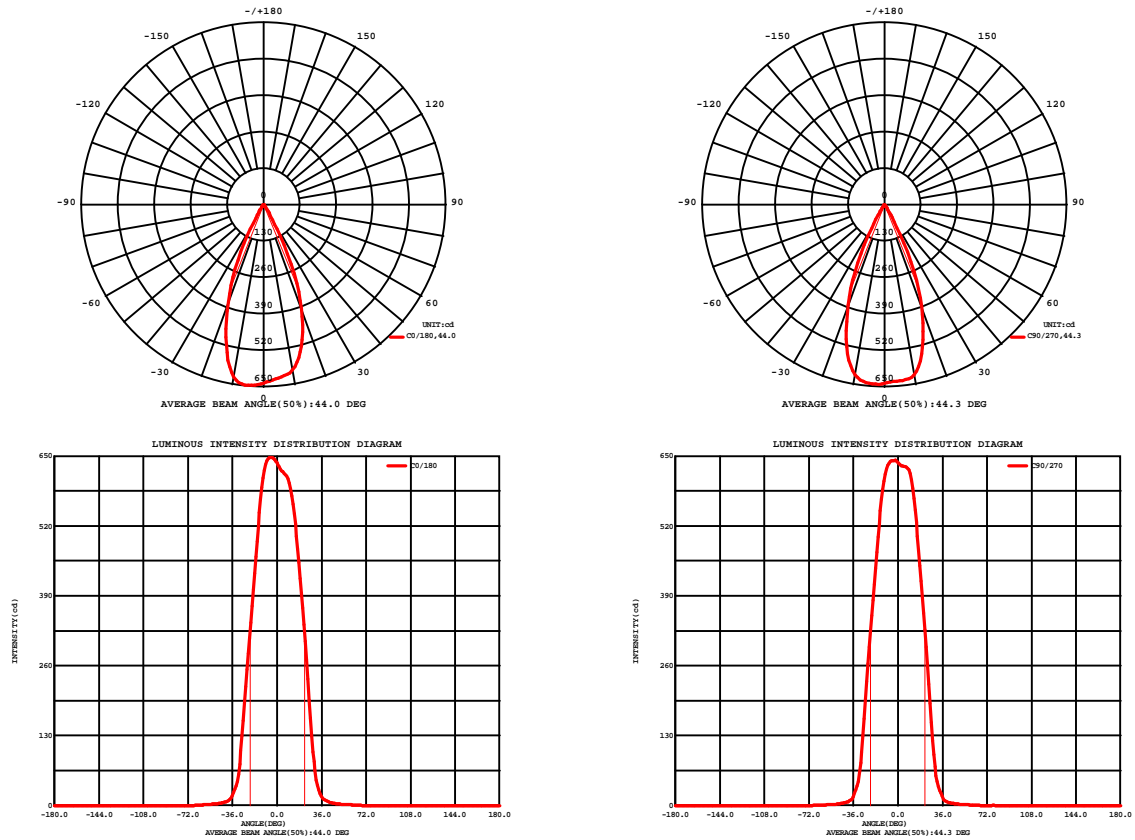


Fig. C0/C180

Fig. C90/C270

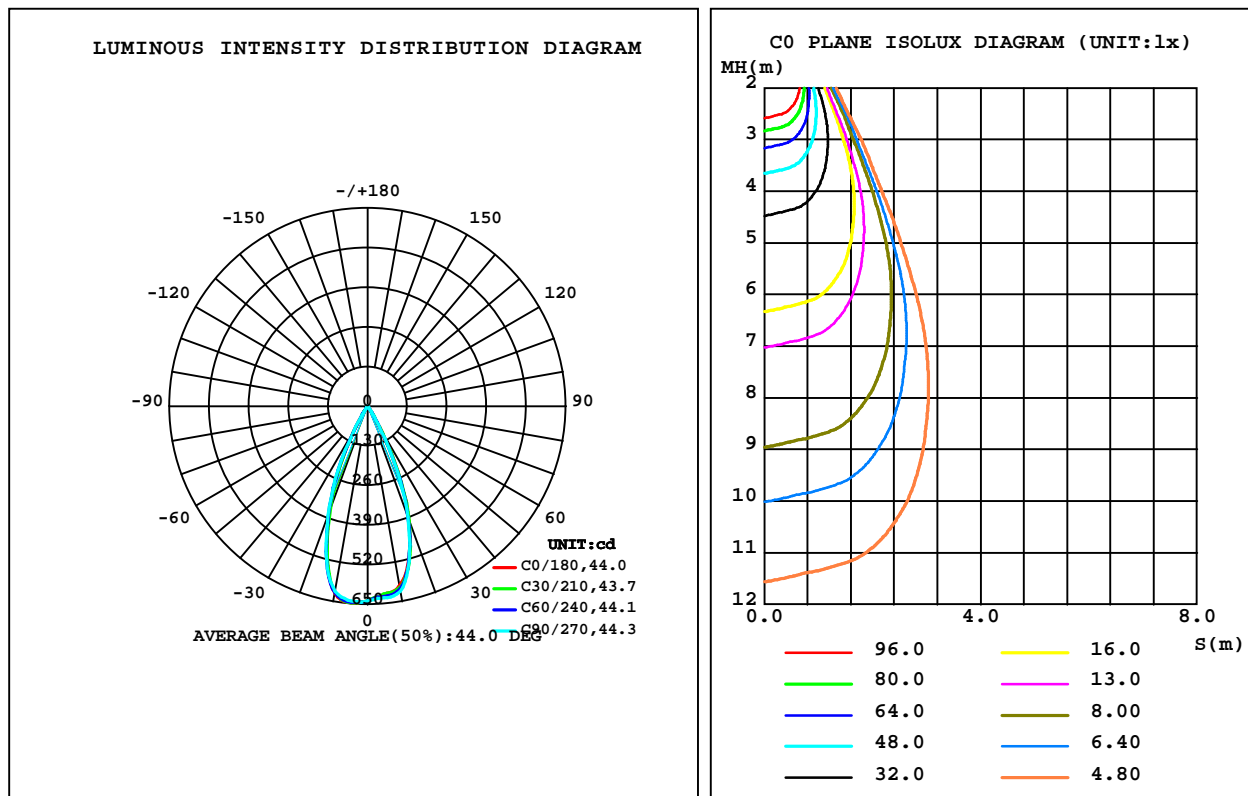
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zoe
Test Date: 2021-6-3

C Range: 0 - 180DEG
C Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 3.160m [K=1.0000]
Remarks: LAMP: GWCSSRM2.CM-M3M5-XX37-1 Ra: 90
REFLECTOR: PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 53.68 lm/W | | | |
|------------------|--------|----------------------------------|--------|-------------------|----------|
| MODEL | OSLON | I _{max} (cd) | 647.6 | S/MH(C0/180) | 0.67 |
| NOMINAL POWER(W) | 6 | LOR(%) | 76.5 | S/MH(C90/270) | 0.67 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 326.20 | h UP,DN(C0-180) | 0.0,38.3 |
| NOMINAL FLUX(lm) | 426.56 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.0,38.2 |
| LAMPS INSIDE | 1 | h up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 120 | h down(%) | 76.5 | CIBSE SHR MAX | 0.70 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

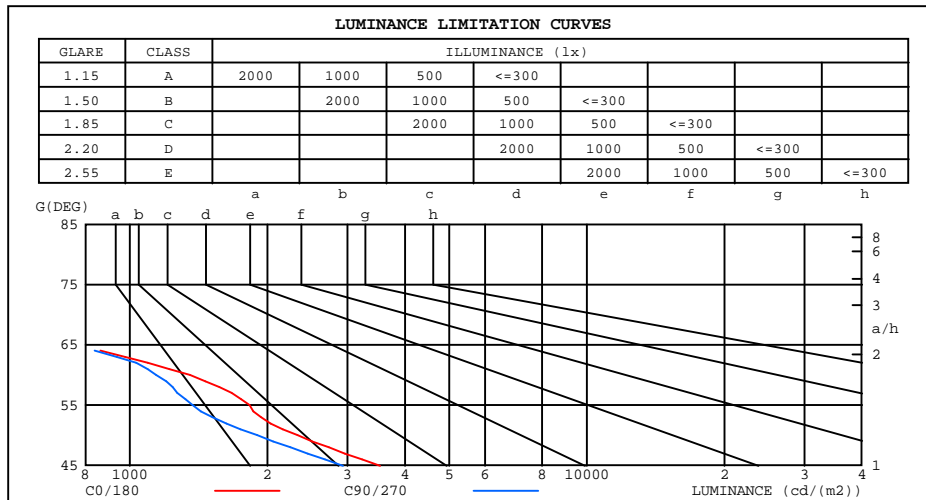
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|-------|--------|-------|--------|-------|--------|---------|---------|---------|-----------|
| 10 | 599.3 | 606.5 | 616.8 | 623.3 | 623.7 | 620.5 | 616.6 | 608.2 | 0- 10 | 60.12 | 60.12 | 18.4,14.1 |
| 20 | 394.9 | 396.1 | 387.1 | 375.6 | 370.6 | 367.0 | 382.0 | 390.4 | 10- 20 | 142.3 | 202.4 | 62,47.4 |
| 30 | 81.81 | 79.41 | 72.19 | 75.98 | 76.72 | 77.45 | 79.74 | 78.23 | 20- 30 | 100.4 | 302.8 | 92.8,71 |
| 40 | 8.434 | 8.464 | 6.530 | 8.638 | 7.931 | 8.246 | 6.899 | 8.517 | 30- 40 | 17.31 | 320.1 | 98.1,75 |
| 50 | 2.674 | 2.943 | 2.207 | 2.995 | 3.014 | 3.308 | 2.375 | 3.062 | 40- 50 | 3.756 | 323.8 | 99.3,75.9 |
| 60 | 1.212 | 1.343 | 1.032 | 1.350 | 1.111 | 1.233 | 1.029 | 1.427 | 50- 60 | 1.766 | 325.6 | 99.8,76.3 |
| 70 | 0 | 0.1495 | 0 | 0.0000 | 0 | 0.0009 | 0 | 0.0871 | 60- 70 | 0.6100 | 326.2 | 100,76.5 |
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70- 80 | 0.0023 | 326.2 | 100,76.5 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0 | 326.2 | 100,76.5 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 326.2 | 100,76.5 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 326.2 | 100,76.5 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 326.2 | 100,76.5 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 326.2 | 100,76.5 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 326.2 | 100,76.5 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 326.2 | 100,76.5 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 326.2 | 100,76.5 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 326.2 | 100,76.5 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 326.2 | 100,76.5 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 0 | 0 |
| 80 | 0 | 0 |
| 75 | 0 | 0 |
| 70 | 0 | 0 |
| 65 | 226 | 711 |
| 60 | 1356 | 1144 |
| 55 | 1829 | 1373 |
| 50 | 2327 | 1903 |
| 45 | 3531 | 2928 |

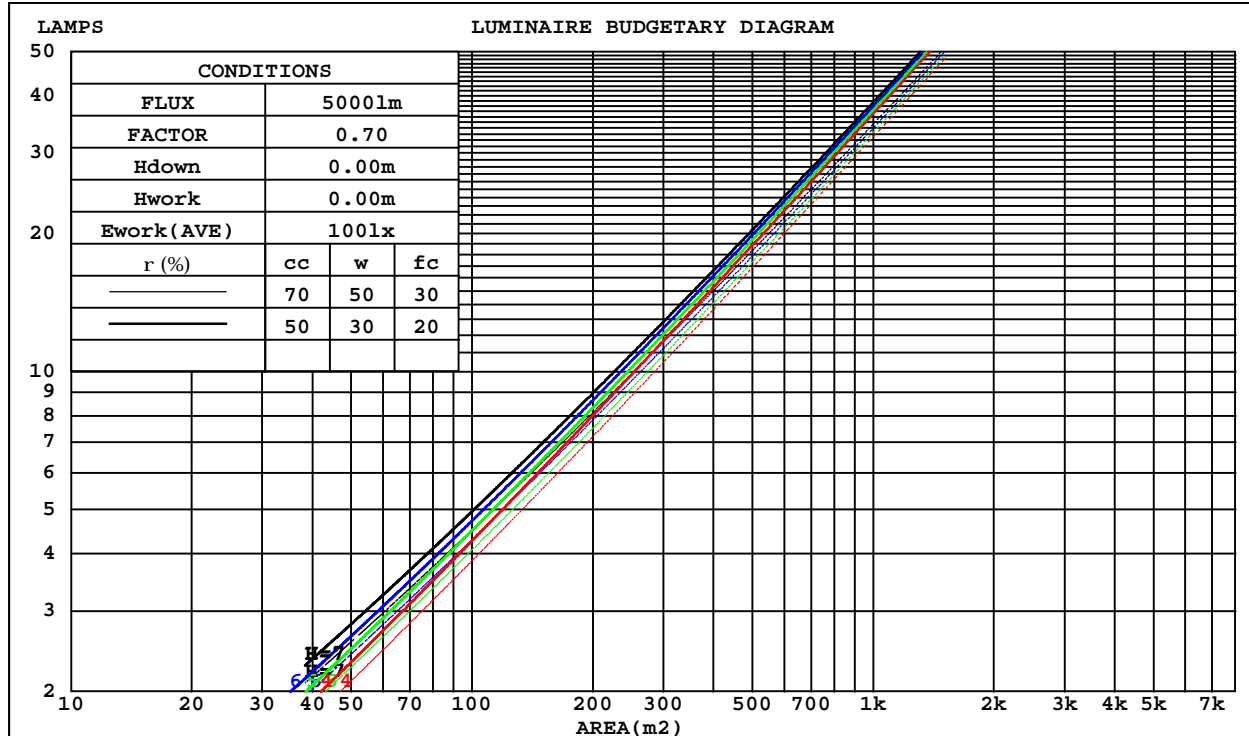
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

G Range: 0 - 180DEG
G Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

WEC AND CCEC

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC) | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .117 | .067 | .021 | .112 | .064 | .020 | .103 | .059 | .019 | .094 | .054 | .017 | .086 | .050 | .016 | |
| 2.0 | .110 | .060 | .019 | .106 | .058 | .018 | .098 | .055 | .017 | .091 | .051 | .016 | .084 | .048 | .015 | |
| 3.0 | .104 | .055 | .017 | .100 | .054 | .016 | .094 | .051 | .015 | .088 | .048 | .015 | .082 | .045 | .014 | |
| 4.0 | .098 | .051 | .015 | .095 | .050 | .015 | .090 | .048 | .014 | .084 | .045 | .014 | .079 | .043 | .013 | |
| 5.0 | .093 | .048 | .014 | .091 | .047 | .014 | .086 | .045 | .013 | .081 | .043 | .013 | .077 | .041 | .012 | |
| 6.0 | .089 | .045 | .013 | .087 | .044 | .013 | .082 | .042 | .012 | .079 | .041 | .012 | .075 | .039 | .012 | |
| 7.0 | .085 | .042 | .012 | .083 | .041 | .012 | .079 | .040 | .012 | .076 | .039 | .011 | .073 | .038 | .011 | |
| 8.0 | .081 | .040 | .011 | .080 | .039 | .011 | .076 | .038 | .011 | .073 | .037 | .011 | .070 | .036 | .011 | |
| 9.0 | .078 | .038 | .011 | .077 | .037 | .010 | .074 | .036 | .010 | .071 | .036 | .010 | .068 | .035 | .010 | |
| 10.0 | .075 | .036 | .010 | .074 | .036 | .010 | .071 | .035 | .010 | .069 | .034 | .010 | .066 | .033 | .010 | |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .146 | .146 | .146 | .124 | .124 | .124 | .085 | .085 | .085 | .049 | .049 | .049 | .016 | .016 | .016 | |
| 1.0 | .130 | .120 | .112 | .111 | .103 | .097 | .076 | .071 | .067 | .044 | .041 | .039 | .014 | .013 | .013 | |
| 2.0 | .117 | .101 | .089 | .100 | .087 | .077 | .068 | .060 | .053 | .039 | .035 | .031 | .013 | .011 | .010 | |
| 3.0 | .106 | .087 | .071 | .091 | .075 | .062 | .062 | .052 | .043 | .036 | .030 | .026 | .012 | .010 | .008 | |
| 4.0 | .097 | .075 | .058 | .083 | .065 | .051 | .057 | .045 | .036 | .033 | .027 | .021 | .011 | .009 | .007 | |
| 5.0 | .090 | .066 | .048 | .077 | .057 | .042 | .053 | .040 | .030 | .031 | .023 | .018 | .010 | .008 | .006 | |
| 6.0 | .084 | .059 | .041 | .072 | .051 | .035 | .050 | .036 | .025 | .029 | .021 | .015 | .009 | .007 | .005 | |
| 7.0 | .078 | .053 | .035 | .067 | .046 | .030 | .047 | .032 | .021 | .027 | .019 | .013 | .009 | .006 | .004 | |
| 8.0 | .074 | .048 | .030 | .063 | .041 | .026 | .044 | .029 | .018 | .026 | .017 | .011 | .008 | .006 | .004 | |
| 9.0 | .070 | .043 | .026 | .060 | .038 | .022 | .042 | .027 | .016 | .024 | .016 | .010 | .008 | .005 | .003 | |
| 10.0 | .066 | .040 | .023 | .057 | .035 | .020 | .040 | .024 | .014 | .023 | .014 | .008 | .007 | .005 | .003 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---------------------------------------------------------------------------------|------------------|------|-----|------|---------------|----------------|-----|-----------------------|-----|-----|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | | | | | | | | | |
| NAME: 1814.400-2-AM | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:3000K | | | | | DIM.: | | | SERIAL No.:2106030350 | | |
| MFR.: RISE | | | | | SUR.:0.0018m2 | | | 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 | 9.4 | 10.2 | 9.6 | 10.3 | 10.5 | 8.7 | 9.5 | 8.9 | 9.6 | 9.8 |
| 3H | 9.2 | 10.0 | 9.5 | 10.2 | 10.3 | 8.6 | 9.3 | 8.8 | 9.5 | 9.7 |
| 4H | 9.2 | 9.8 | 9.4 | 10.1 | 10.3 | 8.5 | 9.2 | 8.7 | 9.4 | 9.6 |
| 6H | 9.1 | 9.7 | 9.4 | 9.9 | 10.2 | 8.4 | 9.0 | 8.7 | 9.3 | 9.5 |
| 8H | 9.0 | 9.6 | 9.3 | 9.9 | 10.1 | 8.3 | 9.0 | 8.6 | 9.2 | 9.5 |
| 12H | 9.0 | 9.6 | 9.3 | 9.8 | 10.1 | 8.3 | 8.9 | 8.6 | 9.2 | 9.4 |
| 4H 2H | 9.2 | 9.9 | 9.5 | 10.1 | 10.3 | 8.6 | 9.2 | 8.8 | 9.4 | 9.7 |
| 3H | 9.1 | 9.7 | 9.4 | 9.9 | 10.2 | 8.4 | 9.0 | 8.7 | 9.3 | 9.5 |
| 4H | 9.0 | 9.5 | 9.3 | 9.8 | 10.1 | 8.3 | 8.8 | 8.7 | 9.1 | 9.4 |
| 6H | 8.9 | 9.4 | 9.3 | 9.7 | 10.0 | 8.2 | 8.7 | 8.6 | 9.0 | 9.4 |
| 8H | 8.8 | 9.3 | 9.2 | 9.6 | 10.0 | 8.2 | 8.6 | 8.5 | 8.9 | 9.3 |
| 12H | 8.8 | 9.2 | 9.2 | 9.6 | 9.9 | 8.1 | 8.5 | 8.5 | 8.9 | 9.3 |
| 8H 4H | 8.8 | 9.3 | 9.2 | 9.6 | 10.0 | 8.2 | 8.6 | 8.6 | 9.0 | 9.3 |
| 6H | 8.7 | 9.1 | 9.2 | 9.5 | 9.9 | 8.1 | 8.4 | 8.5 | 8.8 | 9.2 |
| 8H | 8.7 | 9.0 | 9.1 | 9.4 | 9.8 | 8.0 | 8.3 | 8.4 | 8.7 | 9.2 |
| 12H | 8.6 | 8.9 | 9.1 | 9.3 | 9.8 | 7.9 | 8.2 | 8.4 | 8.7 | 9.1 |
| 12H 4H | 8.8 | 9.2 | 9.2 | 9.6 | 9.9 | 8.1 | 8.5 | 8.5 | 8.9 | 9.3 |
| 6H | 8.7 | 9.0 | 9.1 | 9.4 | 9.8 | 8.0 | 8.3 | 8.4 | 8.7 | 9.2 |
| 8H | 8.6 | 8.9 | 9.1 | 9.3 | 9.8 | 7.9 | 8.2 | 8.4 | 8.7 | 9.1 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 2.6 / - 4.1 | | | | | + 2.3 / - 4.7 | | | | |
| 1.5H | + 4.1 / - 3.1 | | | | | + 3.7 / - 3.4 | | | | |
| 2.0H | + 3.0 / - 2.7 | | | | | + 2.7 / - 2.7 | | | | |

CIE Pub.117, 426.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.0)
Area: 0.0018 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

UTILIZATION FACTORS TABLE

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

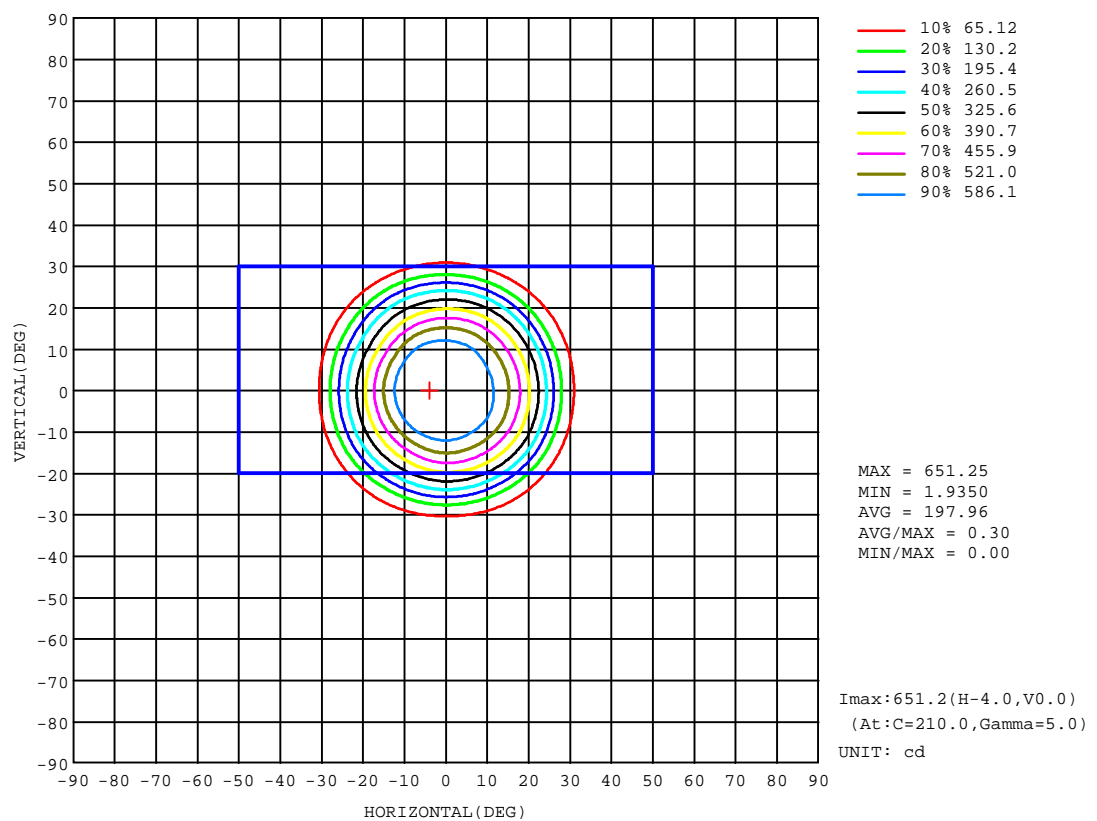
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 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 | 69 | 65 | 62 | 69 | 65 | 62 | 68 | 64 | 62 | 59 |
| 0.80 | 74 | 70 | 68 | 74 | 70 | 68 | 73 | 70 | 67 | 65 |
| 1.00 | 77 | 74 | 71 | 77 | 73 | 71 | 76 | 73 | 70 | 68 |
| 1.25 | 80 | 77 | 74 | 79 | 76 | 74 | 78 | 75 | 73 | 70 |
| 1.50 | 82 | 79 | 77 | 81 | 78 | 76 | 80 | 77 | 75 | 72 |
| 2.00 | 84 | 81 | 79 | 83 | 80 | 78 | 81 | 79 | 77 | 73 |
| 2.50 | 85 | 82 | 80 | 84 | 81 | 80 | 81 | 80 | 78 | 74 |
| 3.00 | 86 | 84 | 82 | 85 | 83 | 81 | 82 | 81 | 79 | 74 |
| 4.00 | 88 | 86 | 84 | 86 | 84 | 83 | 83 | 82 | 81 | 76 |
| 5.00 | 88 | 87 | 86 | 87 | 85 | 84 | 84 | 83 | 82 | 76 |
| 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:25.3DEG
 Operators:Zoe
 Test Date:2021-6-3

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:3.160m [K=1.0000]
 Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
 REFLECTOR:PM-1056 45R
 DRIVER: LSC4W700P UNI 700mA
 30minutes warm-up

ISOCANDELA DIAGRAM

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

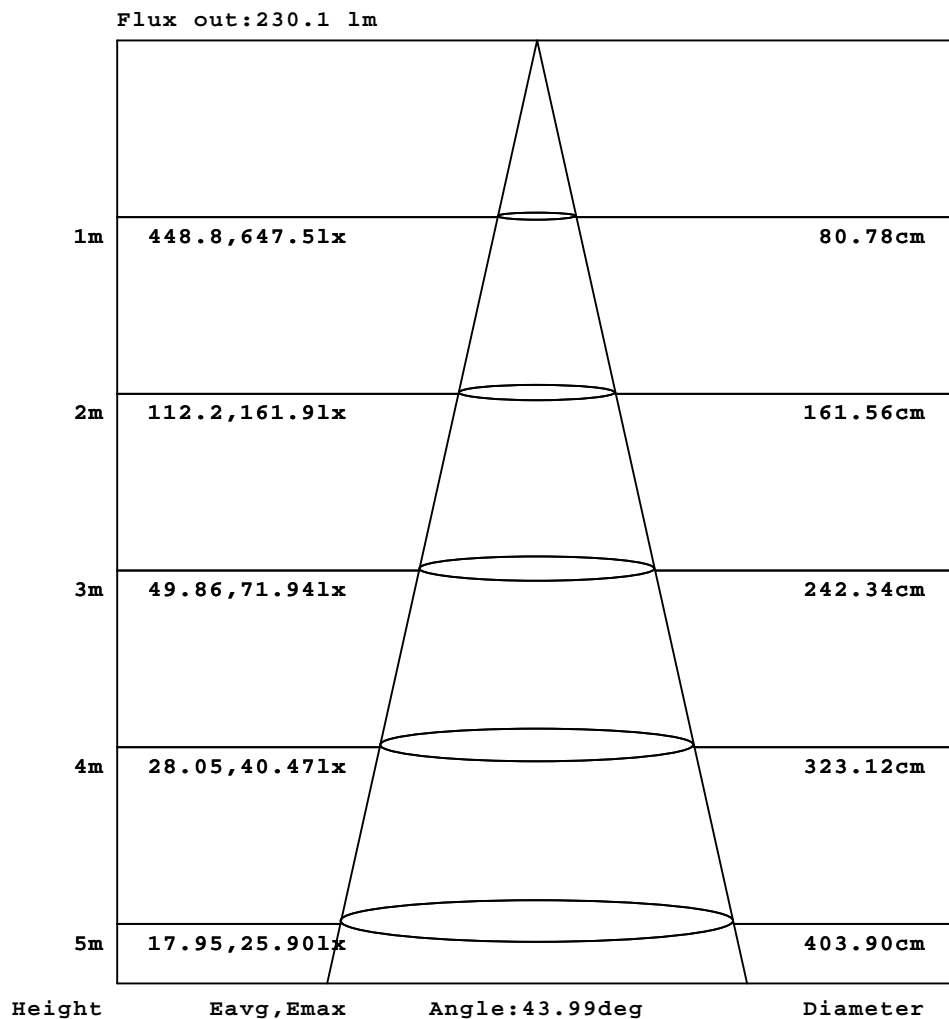


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

AAI Figure

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |



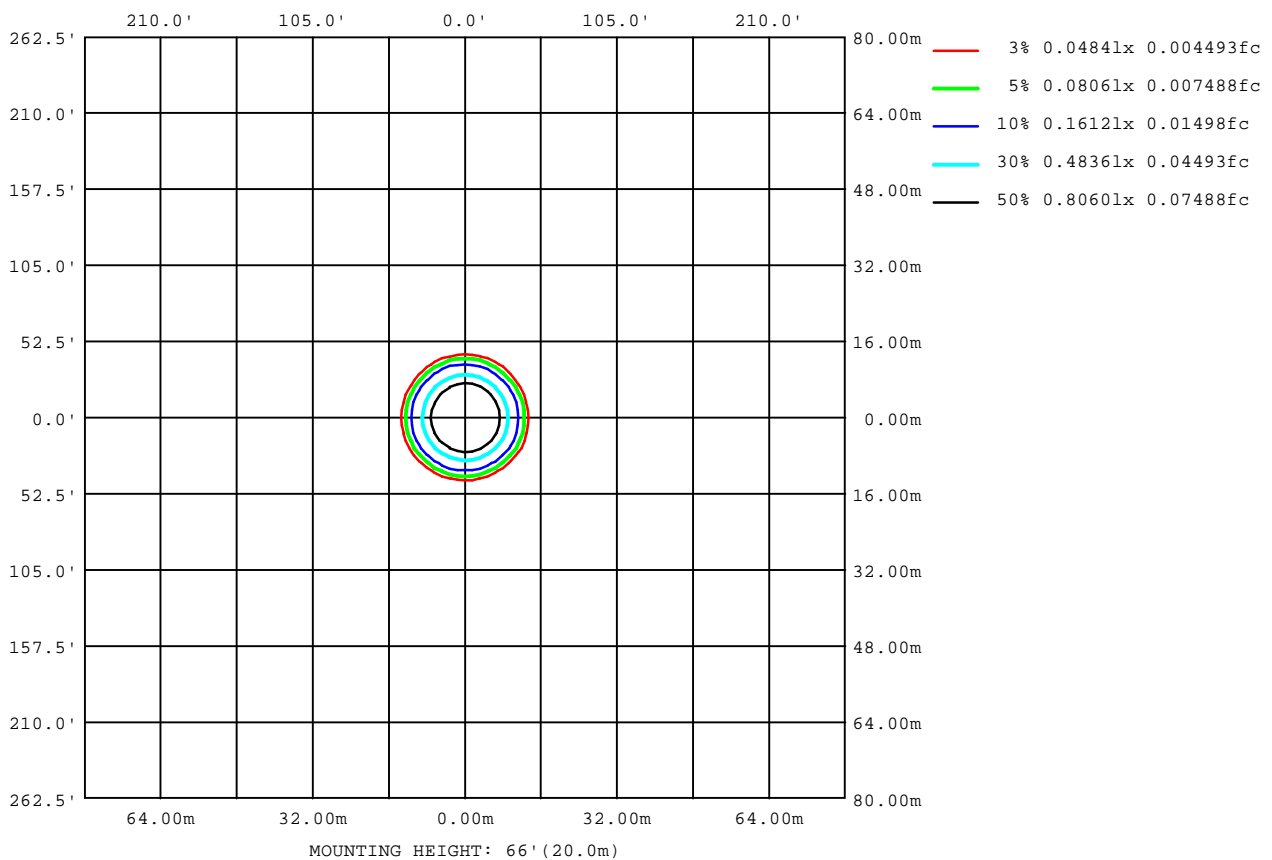
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
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Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

ISOLUX DIAGRAM

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
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REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

LED Avg.L Report

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

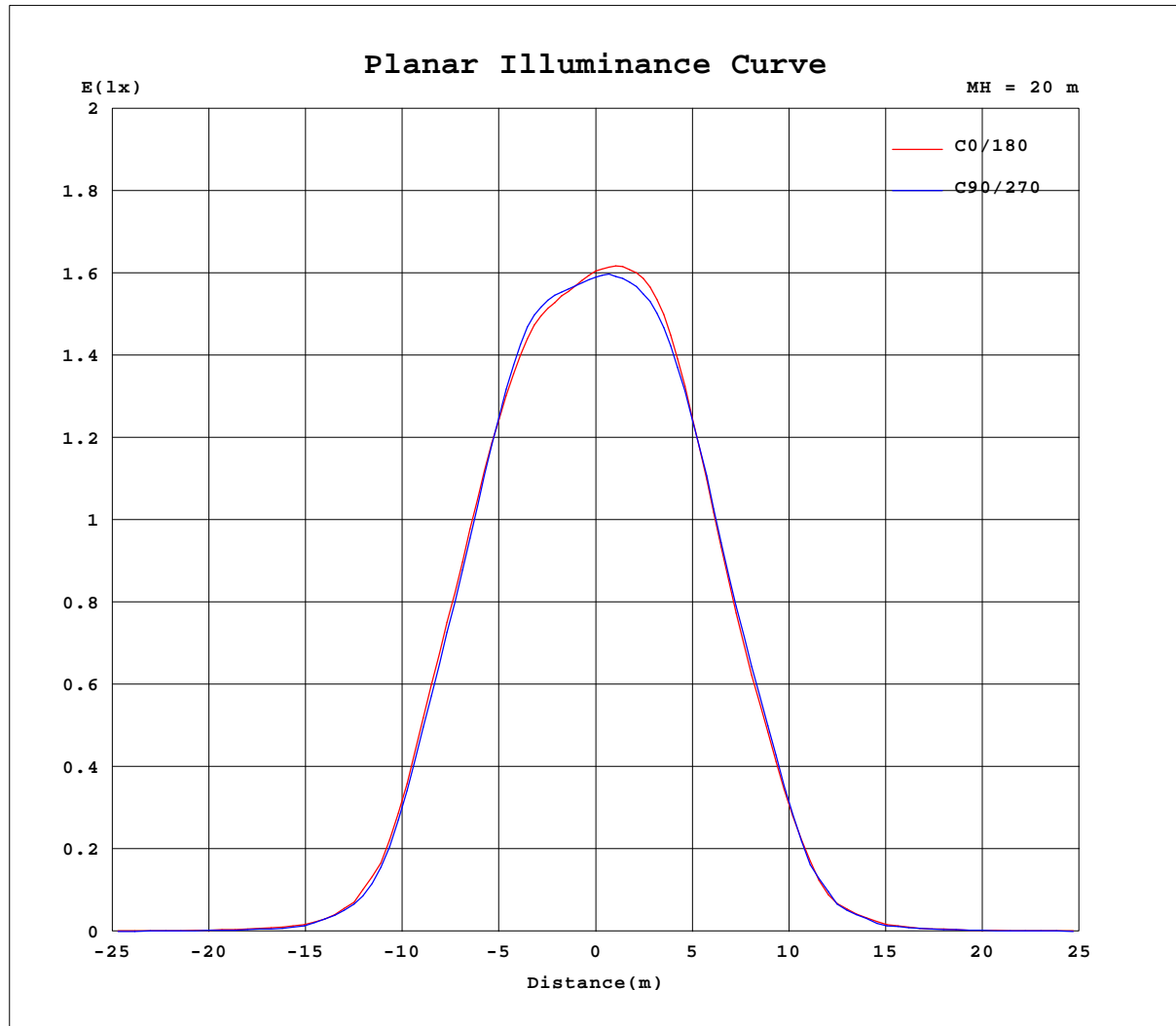
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 389 |
| L_0~180(75)av | 0 |
| L_0~180(85)av | 0 |
| L_90~270(65)av | 740 |
| L_90~270(75)av | 0 |
| L_90~270(85)av | 0 |
| L_45(65)av | 1022 |
| L_45(75)av | 0 |
| L_45(85)av | 0 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zoe
Test Date:2021-6-3

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:GWCSSRM2.CM-M3M5-XX37-1 Ra:90
REFLECTOR:PM-1056 45R
DRIVER: LSC4W700P UNI 700mA
30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zoe
 Test Date: 2021-6-3

deg Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 3.160m [K=1.0000]
 Remarks: LAMP: GWCSSRM2.CM-M3M5-XX37-1 Ra:90
 REFLECTOR: PM-1056 45R
 DRIVER: LSC4W700P UNI 700mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---------------------------------------------------------------------------------|---------------|-----------------------|
| Test:U:119.94V I:0.0762A P:6.0772W PF:0.6572 Freq:59.98Hz Lamp Flux:426.56x1 lm | | |
| NAME: 1814.400-2-AM | TYPE: | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:2106030350 |
| MFR.: RISE | SUR.:0.0018m2 | Shielding Angle: |

Table--1

UNIT: cd

| C(°) g (°) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | | | | | | |
| 5 | 621 | 618 | 626 | 630 | 640 | 645 | 647 | 648 | 645 | 641 | 634 | 628 | | | | | | |
| 10 | 599 | 604 | 609 | 617 | 621 | 626 | 624 | 619 | 622 | 617 | 611 | 605 | | | | | | |
| 15 | 524 | 530 | 526 | 527 | 519 | 522 | 519 | 512 | 525 | 524 | 527 | 523 | | | | | | |
| 20 | 395 | 401 | 391 | 387 | 375 | 376 | 371 | 359 | 375 | 382 | 390 | 391 | | | | | | |
| 25 | 235 | 241 | 227 | 226 | 221 | 226 | 221 | 217 | 230 | 231 | 233 | 229 | | | | | | |
| 30 | 81.8 | 80.8 | 78.0 | 72.2 | 75.0 | 76.9 | 76.7 | 77.5 | 77.4 | 79.7 | 76.4 | 80.1 | | | | | | |
| 35 | 22.0 | 24.8 | 21.2 | 22.7 | 21.1 | 25.1 | 24.4 | 22.6 | 24.2 | 23.4 | 24.9 | 21.1 | | | | | | |
| 40 | 8.43 | 8.59 | 8.33 | 6.53 | 8.42 | 8.85 | 7.93 | 8.50 | 7.99 | 6.90 | 8.42 | 8.61 | | | | | | |
| 45 | 4.47 | 5.19 | 4.49 | 3.74 | 4.52 | 5.18 | 4.35 | 5.30 | 4.53 | 3.98 | 4.93 | 5.02 | | | | | | |
| 50 | 2.67 | 3.16 | 2.72 | 2.21 | 2.82 | 3.18 | 3.01 | 3.51 | 3.11 | 2.37 | 3.02 | 3.11 | | | | | | |
| 55 | 1.88 | 2.05 | 1.95 | 1.42 | 2.04 | 2.29 | 1.92 | 2.24 | 1.89 | 1.50 | 1.96 | 2.17 | | | | | | |
| 60 | 1.21 | 1.40 | 1.29 | 1.03 | 1.35 | 1.35 | 1.11 | 1.31 | 1.15 | 1.03 | 1.36 | 1.50 | | | | | | |
| 65 | 0.17 | 0.84 | 0.70 | 0.54 | 0.75 | 0.70 | 0.42 | 0.59 | 0.58 | 0.58 | 0.87 | 0.87 | | | | | | |
| 70 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.15 | | | | | | |
| 75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 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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Operators:Zoe
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