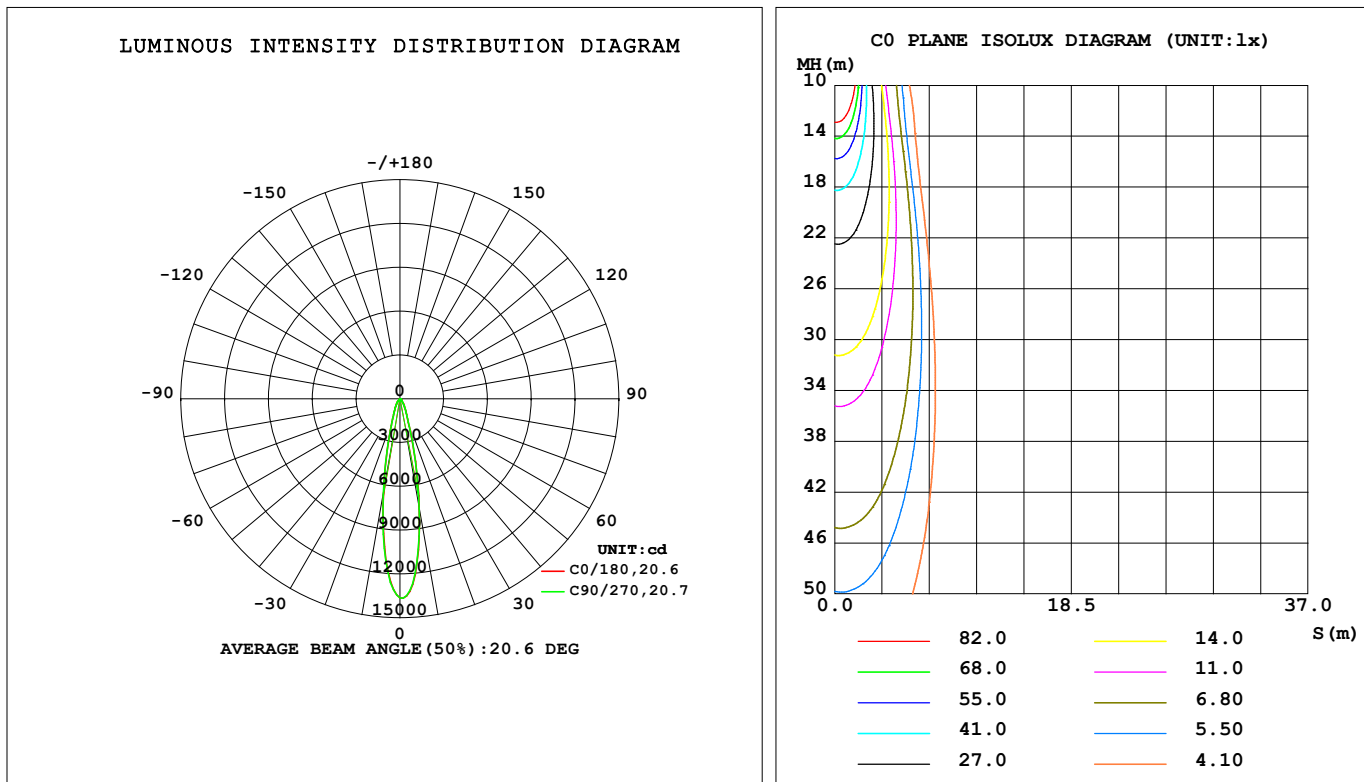


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 100.75 lm/W |
|-------------------|----------------|-----------------------|--------|--------------------|----------|------------------|
| MODEL | LUMINUS CXM-14 | I _{max} (cd) | 13712 | S/MH (C0/180) | 0.33 | |
| NOMINAL POWER (W) | | LOR (%) | 100.0 | S/MH (C90/270) | 0.33 | |
| RATED VOLTAGE (V) | 220.0 | TOTAL FLUX (lm) | 2806.1 | η UP,DN (C0-180) | 0.0,52.8 | |
| NOMINAL FLUX (lm) | 2806.08 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.0,47.2 | |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.00 | |
| TEST VOLTAGE (V) | 230 | η down (%) | 100.0 | CIBSE SHR MAX | 1.00 | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 767.2 | 793.2 | 763.6 | 725.8 | 655.3 | 634.7 | 665.0 | 701.3 | 0- 10 | 956.6 | 956.6 | 34.1,34.1 |
| 20 | 172.7 | 176.6 | 170.4 | 163.0 | 148.2 | 142.2 | 148.2 | 155.7 | 10- 20 | 983.3 | 1940 | 69.1,69.1 |
| 30 | 65.51 | 66.02 | 64.87 | 64.49 | 61.03 | 59.12 | 59.75 | 62.29 | 20- 30 | 450.4 | 2390 | 85.2,85.2 |
| 40 | 25.62 | 28.49 | 25.10 | 28.22 | 23.01 | 26.16 | 22.71 | 27.35 | 30- 40 | 260.5 | 2651 | 94.5,94.5 |
| 50 | 3.790 | 9.599 | 3.896 | 9.019 | 3.545 | 7.243 | 3.563 | 8.771 | 40- 50 | 107.3 | 2758 | 98.3,98.3 |
| 60 | 1.593 | 1.804 | 1.663 | 1.791 | 1.582 | 1.733 | 1.608 | 1.785 | 50- 60 | 26.09 | 2784 | 99.2,99.2 |
| 70 | 0.8513 | 0.9969 | 0.8280 | 0.9900 | 0.8624 | 1.045 | 0.8724 | 1.009 | 60- 70 | 12.61 | 2797 | 99.7,99.7 |
| 80 | 0.4104 | 0.4813 | 0.4209 | 0.5025 | 0.4562 | 0.5447 | 0.4794 | 0.5416 | 70- 80 | 6.619 | 2803 | 99.9,99.9 |
| 90 | 0.0081 | 0.0063 | 0.0056 | 0.0069 | 0.0075 | 0.0078 | 0.0069 | 0.0072 | 80- 90 | 2.604 | 2806 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY: μ A10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 2722.9 lm

%lum = 97.0%

%lamp = 97.0%

Conical surface Flux(120deg): 2784.2 lm

%lum = 99.2%

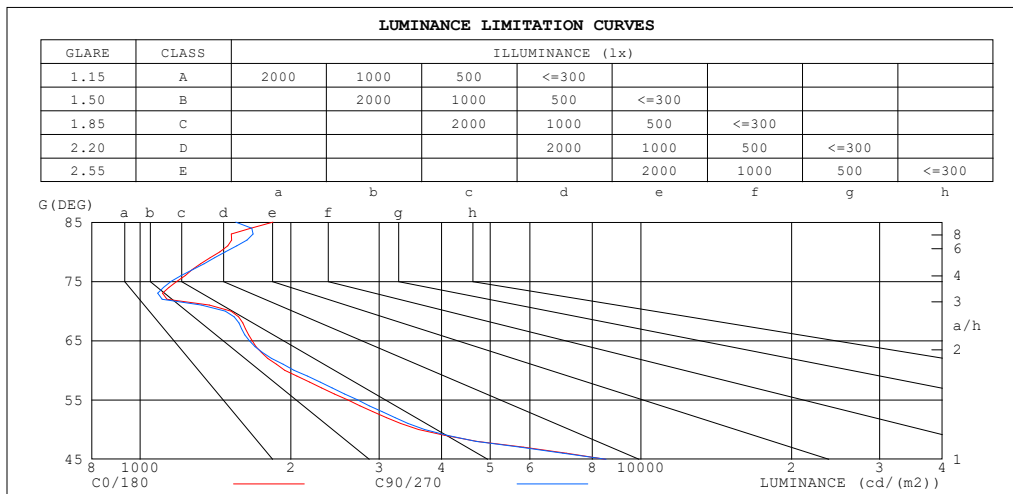
%lamp = 99.2%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 1842 | 1553 |
| 80 | 1443 | 1480 |
| 75 | 1184 | 1154 |
| 70 | 1520 | 1478 |
| 65 | 1673 | 1653 |
| 60 | 1945 | 2031 |
| 55 | 2595 | 2715 |
| 50 | 3600 | 3700 |
| 45 | 8497 | 8523 |

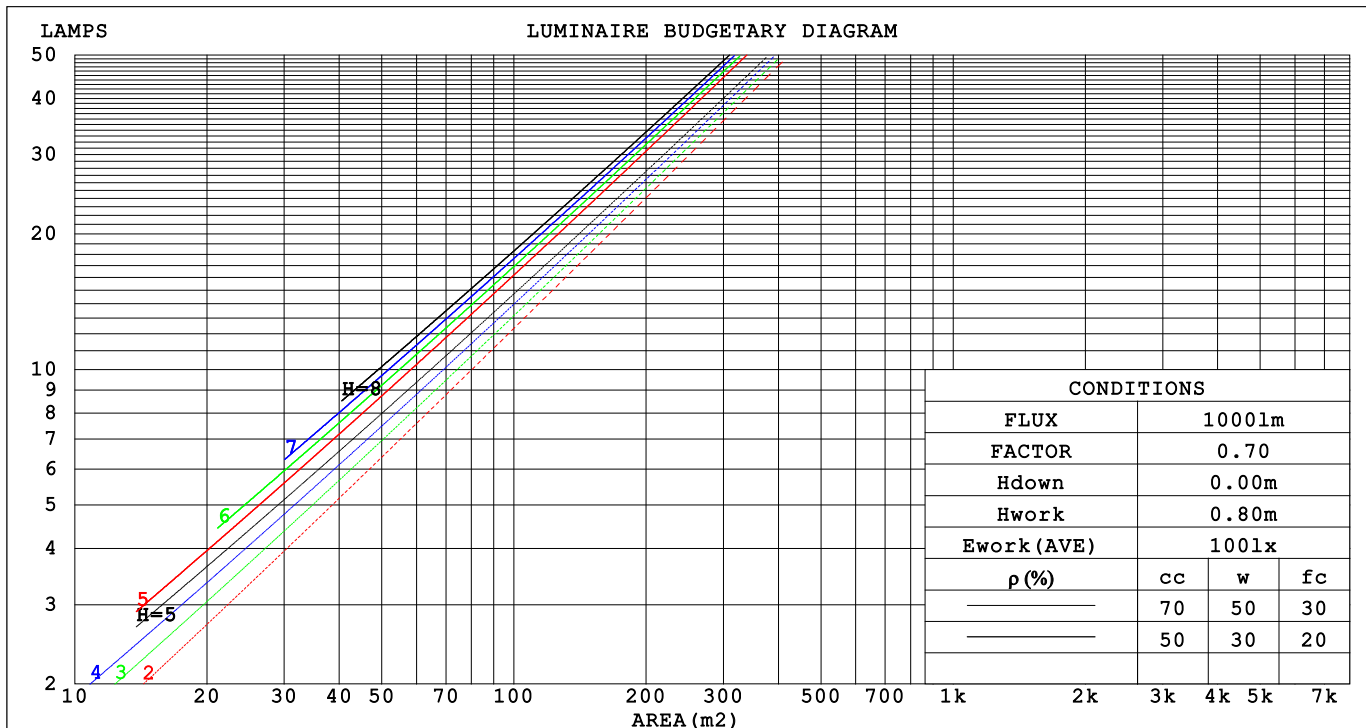
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .149 | .085 | .027 | .143 | .081 | .026 | .130 | .075 | .024 | .119 | .069 | .022 | .108 | .063 | .020 | |
| 2.0 | .140 | .077 | .024 | .134 | .074 | .023 | .124 | .069 | .021 | .115 | .064 | .020 | .106 | .060 | .019 | |
| 3.0 | .131 | .070 | .021 | .126 | .068 | .020 | .118 | .064 | .019 | .110 | .060 | .018 | .102 | .057 | .018 | |
| 4.0 | .123 | .064 | .019 | .119 | .062 | .018 | .112 | .059 | .018 | .105 | .056 | .017 | .099 | .054 | .016 | |
| 5.0 | .116 | .059 | .017 | .113 | .058 | .017 | .107 | .055 | .016 | .101 | .053 | .016 | .095 | .051 | .015 | |
| 6.0 | .110 | .055 | .016 | .107 | .054 | .016 | .102 | .052 | .015 | .097 | .050 | .015 | .092 | .048 | .014 | |
| 7.0 | .104 | .052 | .015 | .102 | .051 | .014 | .097 | .049 | .014 | .093 | .048 | .014 | .088 | .046 | .014 | |
| 8.0 | .099 | .049 | .014 | .097 | .048 | .014 | .093 | .046 | .013 | .089 | .045 | .013 | .085 | .044 | .013 | |
| 9.0 | .095 | .046 | .013 | .093 | .045 | .013 | .089 | .044 | .012 | .086 | .043 | .012 | .082 | .042 | .012 | |
| 10.0 | .091 | .043 | .012 | .089 | .043 | .012 | .086 | .042 | .012 | .083 | .041 | .012 | .080 | .040 | .011 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .169 | .158 | .147 | .145 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .152 | .133 | .116 | .130 | .114 | .101 | .089 | .079 | .070 | .051 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .138 | .113 | .094 | .118 | .098 | .081 | .081 | .068 | .057 | .047 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .126 | .098 | .077 | .108 | .085 | .067 | .074 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .116 | .086 | .064 | .099 | .074 | .056 | .068 | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .107 | .076 | .054 | .092 | .066 | .047 | .064 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .007 | |
| 7.0 | .100 | .068 | .046 | .086 | .059 | .040 | .059 | .041 | .028 | .034 | .024 | .017 | .011 | .008 | .006 | |
| 8.0 | .093 | .062 | .040 | .080 | .053 | .035 | .056 | .037 | .025 | .032 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .088 | .056 | .035 | .076 | .049 | .030 | .052 | .034 | .021 | .031 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .083 | .051 | .030 | .071 | .045 | .026 | .050 | .031 | .019 | .029 | .019 | .011 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|---------------|------------------|------|------|----------|---------------|----------------|------------------|------|------|------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | | | | | | | | | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | | | | | TYPE:LED | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: DARKON | | | | | SUR.: | | | 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 | 10.7 | 11.4 | 10.9 | 11.5 | 11.7 | 10.3 | 11.1 | 10.6 | 11.2 | 11.4 | |
| | 3H | 10.6 | 11.3 | 10.9 | 11.5 | 11.7 | 10.3 | 11.0 | 10.5 | 11.2 | 11.3 |
| | 4H | 10.6 | 11.2 | 10.8 | 11.4 | 11.6 | 10.2 | 10.9 | 10.5 | 11.1 | 11.3 |
| | 6H | 10.5 | 11.1 | 10.8 | 11.4 | 11.6 | 10.2 | 10.8 | 10.5 | 11.0 | 11.3 |
| | 8H | 10.5 | 11.1 | 10.8 | 11.3 | 11.6 | 10.2 | 10.8 | 10.5 | 11.0 | 11.3 |
| | 12H | 10.5 | 11.1 | 10.8 | 11.3 | 11.6 | 10.2 | 10.7 | 10.5 | 11.0 | 11.3 |
| 4H | 2H | 10.5 | 11.1 | 10.8 | 11.3 | 11.6 | 10.2 | 10.8 | 10.4 | 11.0 | 11.2 |
| | 3H | 10.5 | 11.0 | 10.8 | 11.3 | 11.6 | 10.1 | 10.7 | 10.5 | 11.0 | 11.2 |
| | 4H | 10.4 | 10.9 | 10.8 | 11.2 | 11.5 | 10.1 | 10.6 | 10.4 | 10.9 | 11.2 |
| | 6H | 10.4 | 10.9 | 10.8 | 11.2 | 11.5 | 10.1 | 10.6 | 10.5 | 10.9 | 11.2 |
| | 8H | 10.4 | 10.8 | 10.8 | 11.2 | 11.6 | 10.1 | 10.5 | 10.5 | 10.9 | 11.2 |
| | 12H | 10.4 | 10.8 | 10.8 | 11.2 | 11.6 | 10.1 | 10.5 | 10.5 | 10.9 | 11.3 |
| 8H | 4H | 10.3 | 10.8 | 10.7 | 11.1 | 11.5 | 10.0 | 10.4 | 10.4 | 10.8 | 11.1 |
| | 6H | 10.4 | 10.7 | 10.8 | 11.1 | 11.5 | 10.0 | 10.4 | 10.5 | 10.8 | 11.2 |
| | 8H | 10.4 | 10.7 | 10.8 | 11.1 | 11.5 | 10.1 | 10.4 | 10.5 | 10.8 | 11.2 |
| | 12H | 10.4 | 10.7 | 10.9 | 11.1 | 11.6 | 10.1 | 10.4 | 10.6 | 10.8 | 11.3 |
| 12H | 4H | 10.3 | 10.7 | 10.7 | 11.0 | 11.4 | 10.0 | 10.4 | 10.4 | 10.7 | 11.1 |
| | 6H | 10.3 | 10.6 | 10.8 | 11.0 | 11.5 | 10.0 | 10.3 | 10.5 | 10.7 | 11.2 |
| | 8H | 10.4 | 10.6 | 10.8 | 11.1 | 11.5 | 10.1 | 10.3 | 10.5 | 10.8 | 11.2 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 2.2 / - 5.7 | | | | | + 2.2 / - 5.6 | | | | | |
| 1.5H | + 3.6 / - 5.4 | | | | | + 3.8 / - 5.1 | | | | | |
| 2.0H | + 4.7 / - 2.7 | | | | | + 3.9 / - 2.1 | | | | | |

CIE Pub.117, 2806 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.6)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

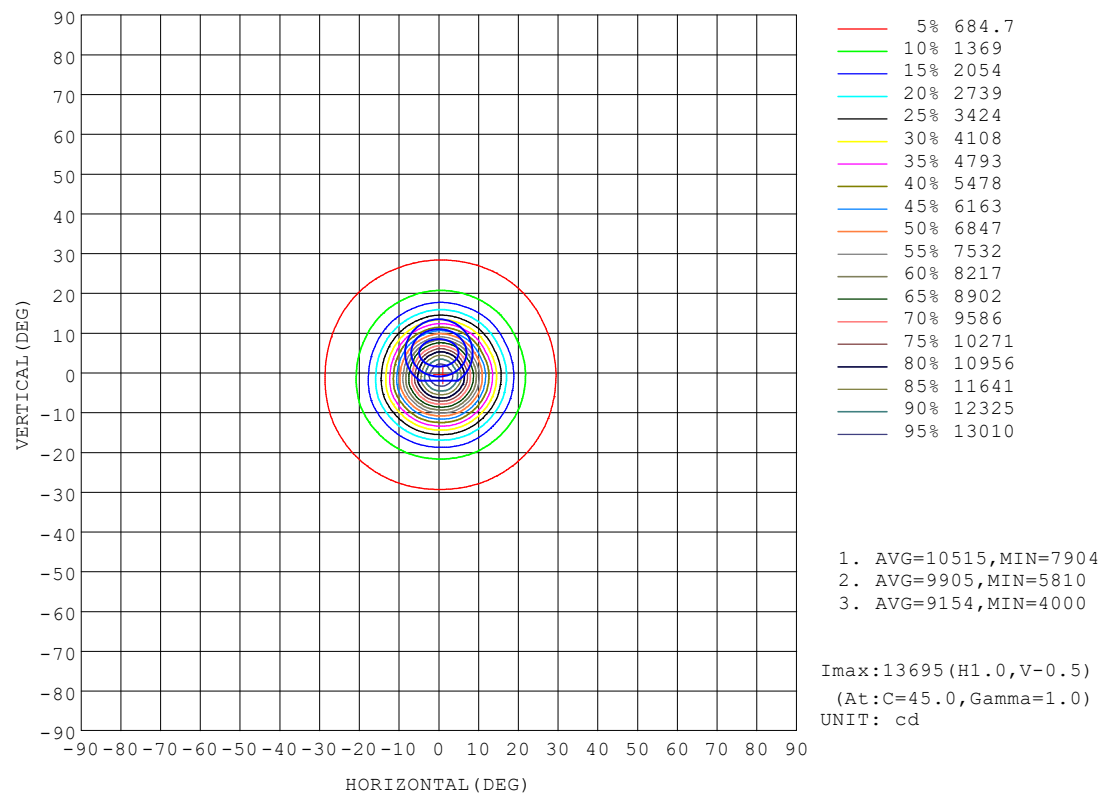
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 88 | 82 | 78 | 88 | 82 | 78 | 87 | 81 | 78 | 74 |
| 0.80 | 95 | 90 | 86 | 95 | 89 | 86 | 94 | 89 | 86 | 82 |
| 1.00 | 100 | 94 | 91 | 99 | 94 | 90 | 97 | 94 | 90 | 86 |
| 1.25 | 104 | 99 | 95 | 103 | 98 | 95 | 101 | 97 | 94 | 90 |
| 1.50 | 106 | 102 | 98 | 105 | 101 | 98 | 103 | 99 | 97 | 92 |
| 2.00 | 109 | 105 | 102 | 107 | 104 | 101 | 105 | 102 | 99 | 94 |
| 2.50 | 110 | 107 | 104 | 109 | 106 | 103 | 106 | 103 | 101 | 95 |
| 3.00 | 112 | 109 | 106 | 110 | 107 | 105 | 107 | 105 | 103 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 110 | 108 | 108 | 106 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 110 | 109 | 108 | 106 | 99 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

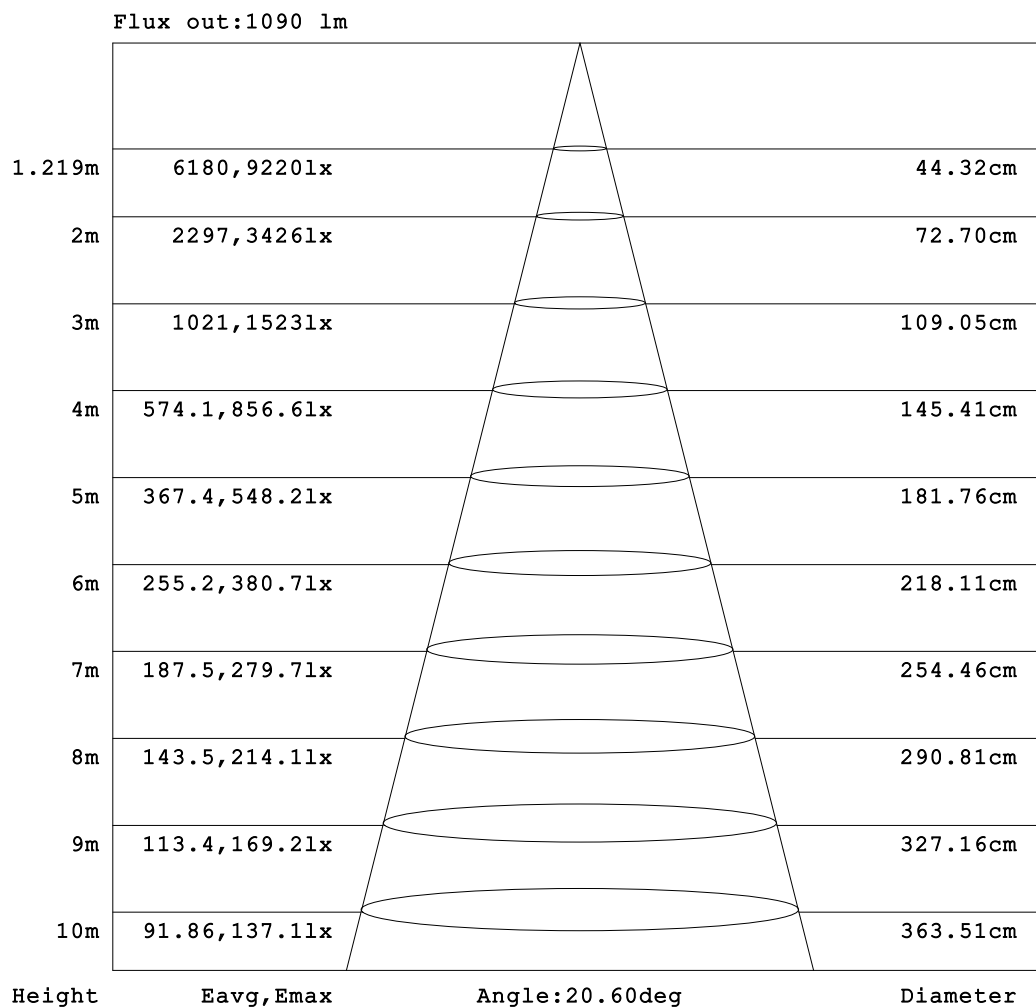


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JEFF
 Test Date:05 January 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.250m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



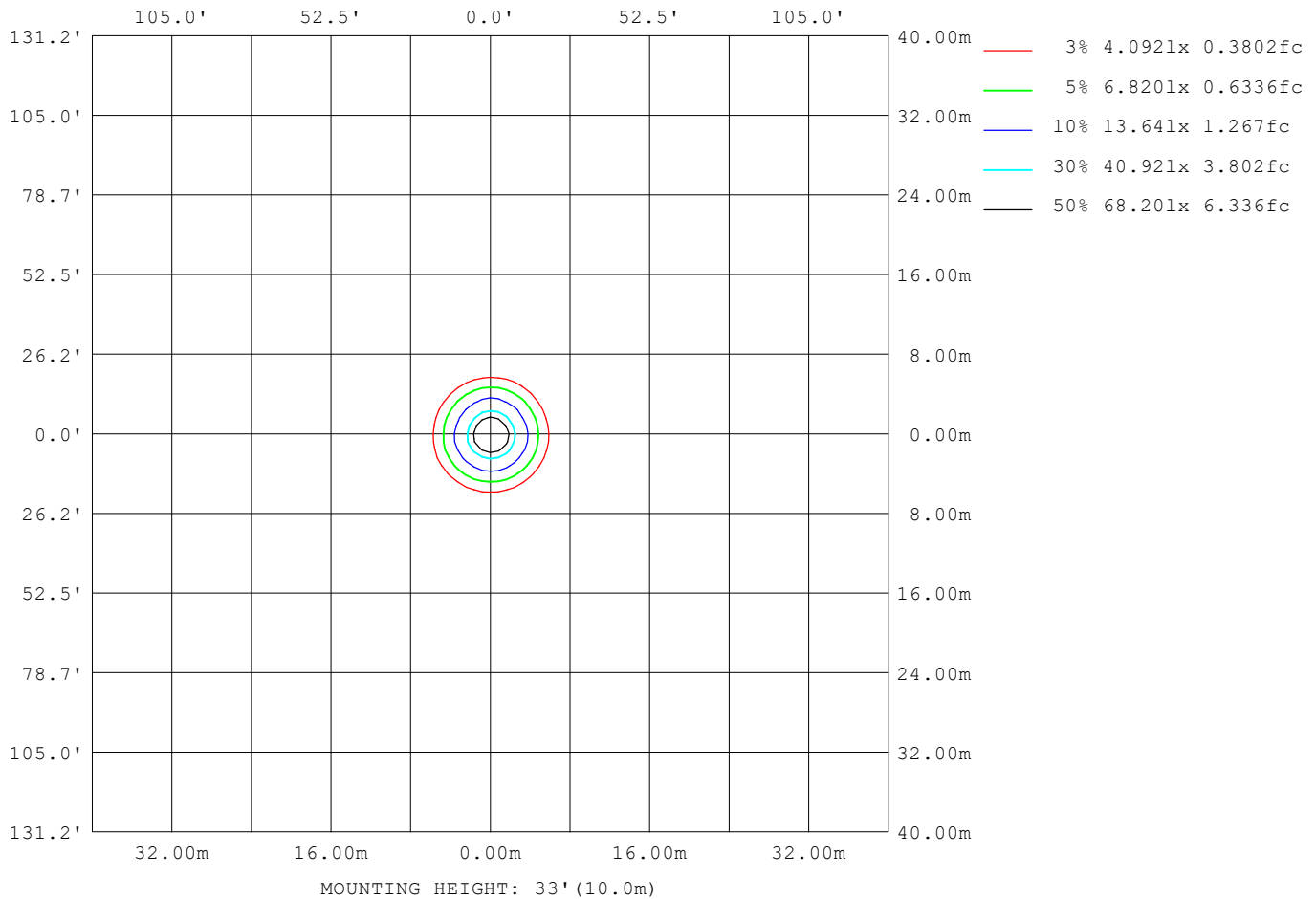
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1233A P:27.852W PF:0.9417 Freq:50.09Hz Lamp Flux:2806.08x1 lm | | |
| NAME: SWARM ONE_WHT_4000K_24 DEG_700mA | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

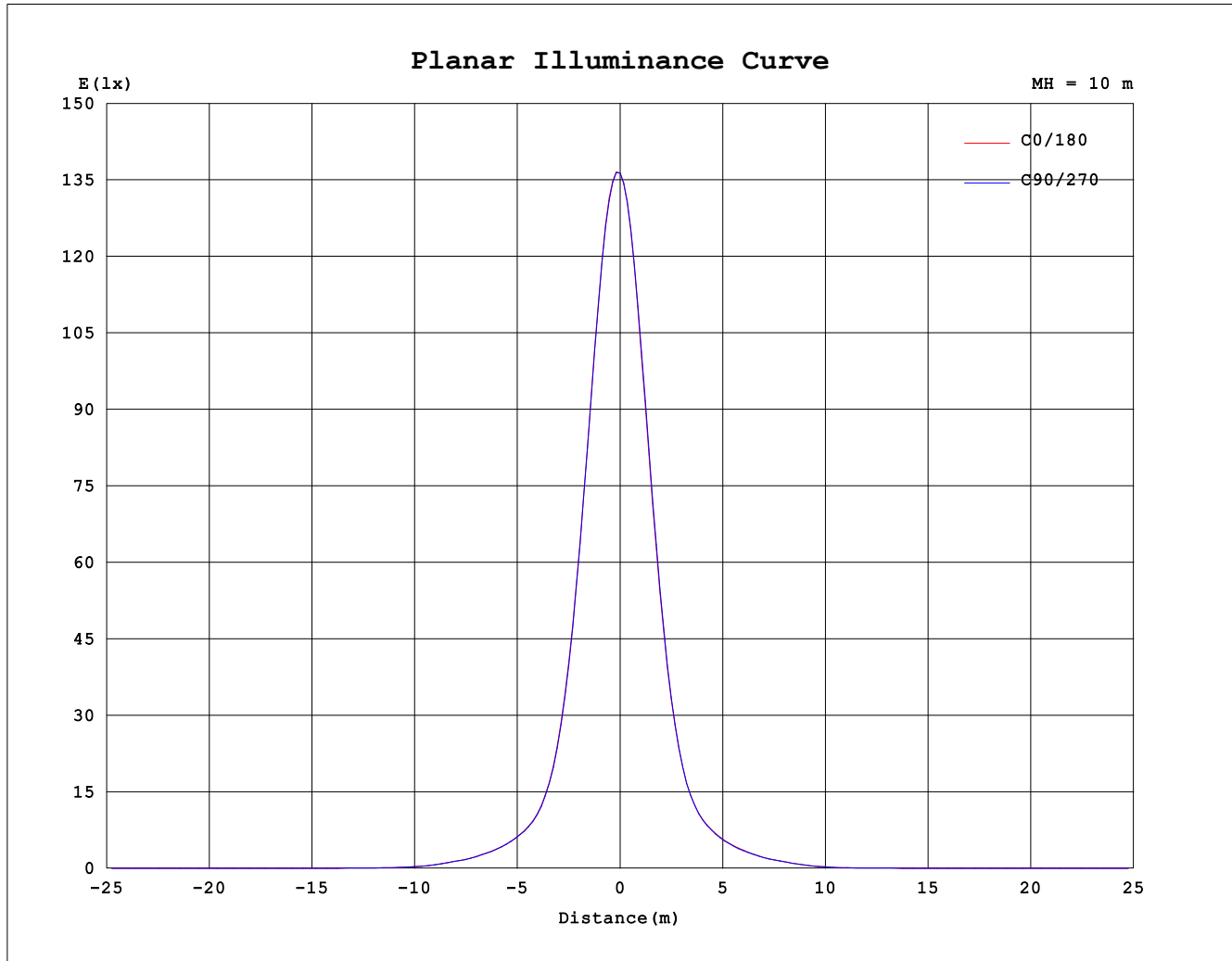
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 1697 |
| L_0~180 (75) av | 1218 |
| L_0~180 (85) av | 1849 |
| L_90~270 (65) av | 1686 |
| L_90~270 (75) av | 1234 |
| L_90~270 (85) av | 1615 |
| L_45 (65) av | 1823 |
| L_45 (75) av | 1451 |
| L_45 (85) av | 1844 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:05 January 2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 05 January 2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 7.250m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

```