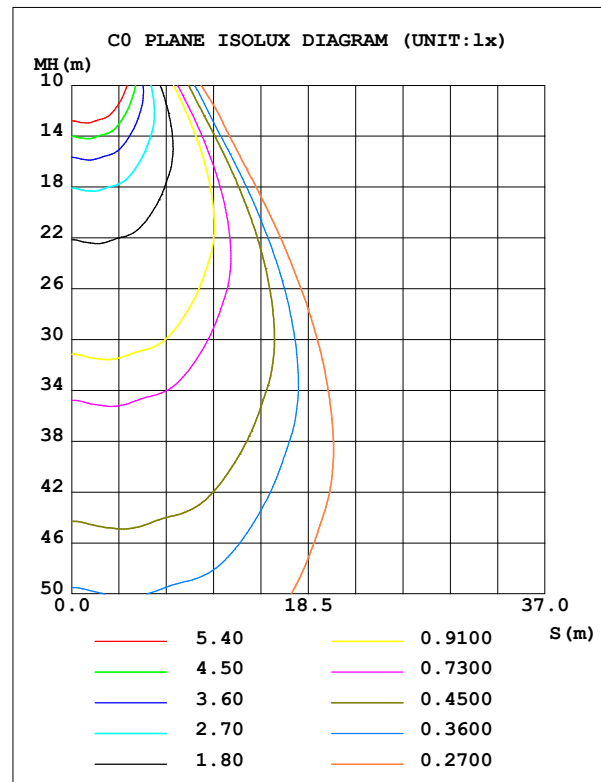
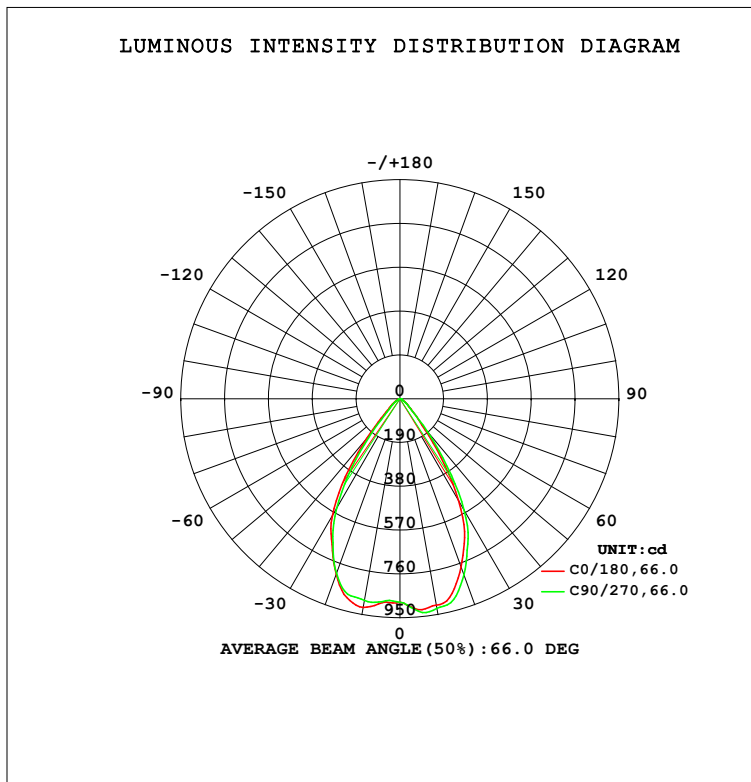


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|----------|------------------|
| Test:U:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 94.22 lm/W |
|-------------------|-------------------|-----------------------|--------|--------------------|----------|-----------------|
| MODEL | SLE G7 09MM 4000K | I _{max} (cd) | 935.8 | S/MH (C0/180) | 1.00 | |
| NOMINAL POWER (W) | | LOR (%) | 100.0 | S/MH (C90/270) | 0.97 | |
| RATED VOLTAGE (V) | 220.0 | TOTAL FLUX (lm) | 983.21 | η UP,DN (C0-180) | 0.0,49.8 | |
| NOMINAL FLUX (lm) | 983.209 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.0,50.2 | |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.00 | |
| 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: 14 October 2020

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 | 908.5 | 923.0 | 923.6 | 916.1 | 919.6 | 904.4 | 887.8 | 876.4 | 0- 10 | 86.36 | 86.36 | 8.78,8.78 |
| 20 | 776.2 | 790.6 | 812.5 | 798.6 | 810.2 | 810.4 | 805.6 | 768.0 | 10- 20 | 244.7 | 331.0 | 33.7,33.7 |
| 30 | 509.5 | 523.5 | 556.4 | 565.5 | 586.7 | 585.2 | 550.7 | 512.4 | 20- 30 | 311.9 | 643.0 | 65.4,65.4 |
| 40 | 150.7 | 160.5 | 182.1 | 200.0 | 225.2 | 221.1 | 186.9 | 159.9 | 30- 40 | 223.5 | 866.5 | 88.1,88.1 |
| 50 | 50.20 | 50.03 | 47.31 | 52.99 | 56.69 | 54.25 | 46.29 | 50.49 | 40- 50 | 72.93 | 939.4 | 95.5,95.5 |
| 60 | 19.62 | 17.82 | 12.87 | 19.26 | 22.92 | 19.74 | 12.19 | 17.51 | 50- 60 | 29.83 | 969.2 | 98.6,98.6 |
| 70 | 5.184 | 5.072 | 5.182 | 5.210 | 5.374 | 5.218 | 5.240 | 5.071 | 60- 70 | 8.454 | 977.7 | 99.4,99.4 |
| 80 | 2.792 | 2.726 | 2.474 | 2.933 | 3.142 | 2.995 | 2.510 | 2.722 | 70- 80 | 4.487 | 982.2 | 99.9,99.9 |
| 90 | 0 | 0 | 0 | 0 | 0.0442 | 0 | 0 | 0 | 80- 90 | 1.020 | 983.2 | 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:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 913.39 lm

%lum = 92.9%

%lamp = 92.9%

Conical surface Flux(120deg): 969.25 lm

%lum = 98.6%

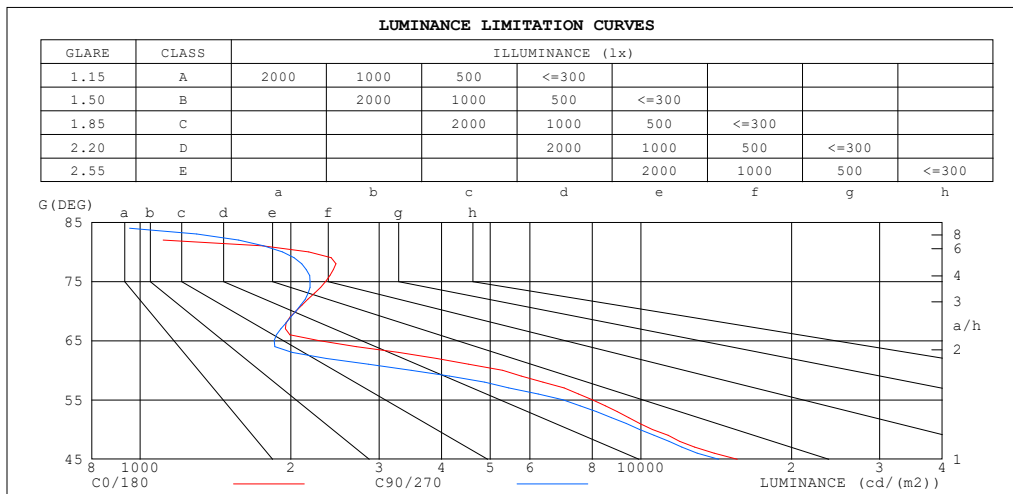
%lamp = 98.6%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 724 | 503 |
| 80 | 2173 | 1925 |
| 75 | 2349 | 2183 |
| 70 | 2048 | 2048 |
| 65 | 2273 | 1852 |
| 60 | 5302 | 3480 |
| 55 | 8000 | 6983 |
| 50 | 10554 | 9946 |
| 45 | 15573 | 14300 |

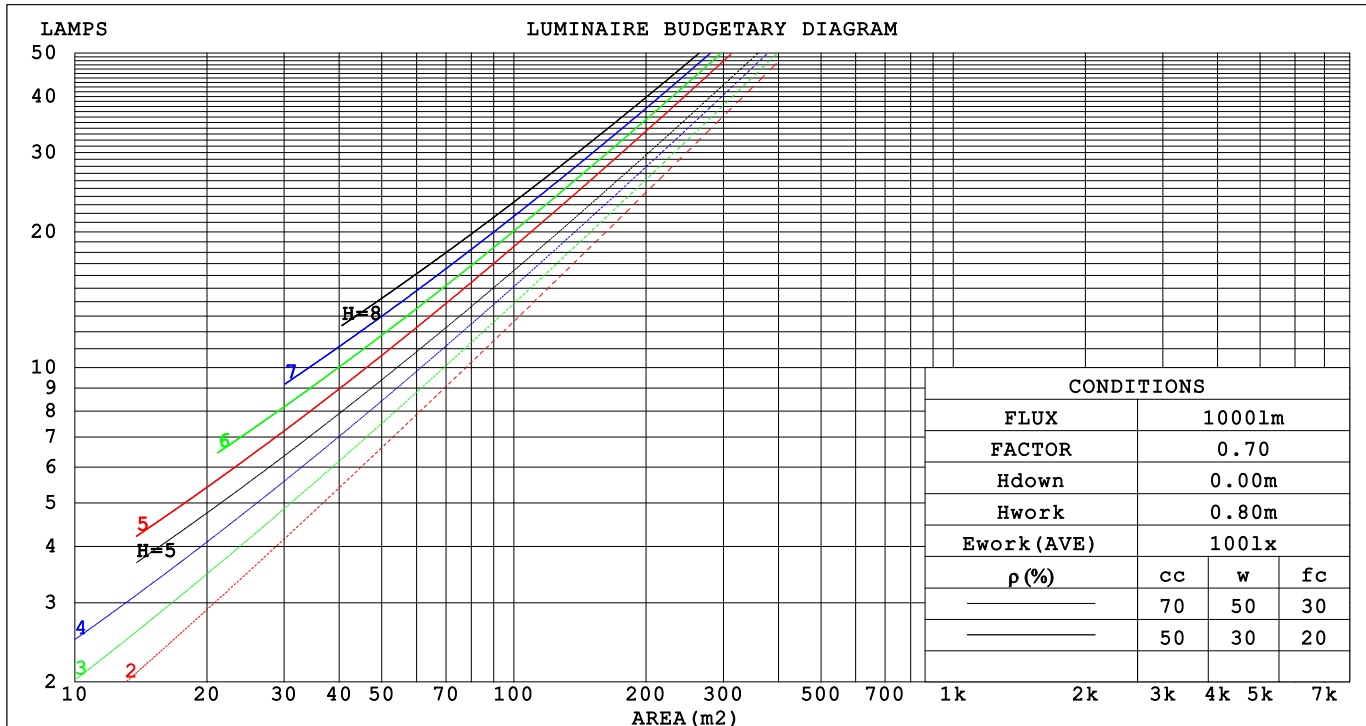
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | 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 | | | | | | | | | | | | | | | Coefficients of Utilization(CU) | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 | | | | | | | | | | | | | | |
| 1.0 | 1.10 | 1.08 | 1.05 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.00 | 1.00 | .99 | .97 | .97 | .96 | .94 | .93 | | | | | | | | | | | | | | |
| 2.0 | 1.02 | .98 | .94 | 1.00 | .96 | .93 | .97 | .94 | .91 | .94 | .91 | .89 | .91 | .89 | .87 | .85 | | | | | | | | | | | | | | |
| 3.0 | .94 | .89 | .85 | .93 | .88 | .84 | .90 | .86 | .83 | .88 | .84 | .82 | .86 | .83 | .80 | .79 | | | | | | | | | | | | | | |
| 4.0 | .88 | .82 | .77 | .87 | .81 | .77 | .84 | .80 | .76 | .82 | .78 | .75 | .80 | .77 | .74 | .73 | | | | | | | | | | | | | | |
| 5.0 | .82 | .76 | .71 | .81 | .75 | .71 | .79 | .74 | .70 | .77 | .73 | .69 | .76 | .72 | .69 | .67 | | | | | | | | | | | | | | |
| 6.0 | .76 | .70 | .65 | .75 | .70 | .65 | .74 | .69 | .65 | .72 | .68 | .64 | .71 | .67 | .64 | .62 | | | | | | | | | | | | | | |
| 7.0 | .71 | .65 | .61 | .71 | .65 | .60 | .69 | .64 | .60 | .68 | .63 | .60 | .67 | .63 | .59 | .58 | | | | | | | | | | | | | | |
| 8.0 | .67 | .61 | .56 | .66 | .60 | .56 | .65 | .60 | .56 | .64 | .59 | .56 | .63 | .59 | .55 | .54 | | | | | | | | | | | | | | |
| 9.0 | .63 | .57 | .53 | .62 | .56 | .52 | .61 | .56 | .52 | .61 | .56 | .52 | .60 | .55 | .52 | .50 | | | | | | | | | | | | | | |
| 10.0 | .59 | .53 | .49 | .59 | .53 | .49 | .58 | .53 | .49 | .57 | .52 | .49 | .56 | .52 | .49 | .47 | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | 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 | .189 | .107 | .034 | .182 | .104 | .033 | .170 | .097 | .031 | .158 | .091 | .029 | .147 | .085 | .028 | |
| 2.0 | .182 | .100 | .031 | .176 | .097 | .030 | .165 | .092 | .029 | .156 | .087 | .027 | .146 | .083 | .026 | |
| 3.0 | .173 | .092 | .028 | .169 | .090 | .027 | .159 | .086 | .026 | .151 | .083 | .025 | .143 | .079 | .024 | |
| 4.0 | .165 | .086 | .025 | .161 | .084 | .025 | .153 | .081 | .024 | .146 | .078 | .024 | .139 | .075 | .023 | |
| 5.0 | .157 | .080 | .023 | .154 | .079 | .023 | .147 | .076 | .022 | .140 | .074 | .022 | .134 | .072 | .022 | |
| 6.0 | .150 | .075 | .022 | .147 | .074 | .021 | .140 | .072 | .021 | .135 | .070 | .021 | .129 | .068 | .020 | |
| 7.0 | .143 | .071 | .020 | .140 | .070 | .020 | .135 | .068 | .020 | .130 | .066 | .019 | .125 | .065 | .019 | |
| 8.0 | .137 | .067 | .019 | .134 | .066 | .019 | .129 | .065 | .018 | .125 | .063 | .018 | .120 | .062 | .018 | |
| 9.0 | .131 | .063 | .018 | .128 | .063 | .018 | .124 | .061 | .017 | .120 | .060 | .017 | .116 | .059 | .017 | |
| 10.0 | .125 | .060 | .017 | .123 | .059 | .017 | .119 | .058 | .016 | .115 | .057 | .016 | .112 | .056 | .016 | |

| 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 | .172 | .157 | .144 | .147 | .135 | .124 | .101 | .093 | .086 | .058 | .054 | .050 | .019 | .017 | .016 | |
| 2.0 | .158 | .132 | .111 | .135 | .114 | .096 | .092 | .079 | .067 | .053 | .046 | .039 | .017 | .015 | .013 | |
| 3.0 | .146 | .114 | .088 | .125 | .098 | .076 | .086 | .068 | .053 | .050 | .040 | .032 | .016 | .013 | .010 | |
| 4.0 | .136 | .099 | .071 | .117 | .086 | .062 | .080 | .060 | .043 | .046 | .035 | .026 | .015 | .011 | .008 | |
| 5.0 | .128 | .088 | .058 | .110 | .076 | .050 | .076 | .053 | .036 | .044 | .031 | .021 | .014 | .010 | .007 | |
| 6.0 | .121 | .079 | .048 | .104 | .068 | .042 | .072 | .048 | .030 | .042 | .028 | .018 | .013 | .009 | .006 | |
| 7.0 | .114 | .071 | .041 | .098 | .062 | .036 | .068 | .043 | .025 | .039 | .025 | .015 | .013 | .008 | .005 | |
| 8.0 | .109 | .065 | .035 | .094 | .056 | .030 | .065 | .040 | .022 | .038 | .023 | .013 | .012 | .008 | .004 | |
| 9.0 | .104 | .060 | .030 | .089 | .052 | .026 | .062 | .037 | .019 | .036 | .022 | .011 | .012 | .007 | .004 | |
| 10.0 | .099 | .056 | .027 | .085 | .048 | .023 | .059 | .034 | .016 | .035 | .020 | .010 | .011 | .007 | .003 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | | | | | | | | | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG 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 | 18.3 | 19.3 | 18.5 | 19.5 | 19.6 | 18.5 | 19.5 | 18.7 | 19.7 | 19.8 | |
| | 3H | 18.1 | 19.1 | 18.4 | 19.3 | 19.5 | 18.3 | 19.3 | 18.6 | 19.5 | 19.7 |
| | 4H | 18.1 | 19.0 | 18.4 | 19.2 | 19.4 | 18.3 | 19.2 | 18.6 | 19.4 | 19.6 |
| | 6H | 18.1 | 18.9 | 18.4 | 19.1 | 19.4 | 18.2 | 19.1 | 18.6 | 19.3 | 19.6 |
| | 8H | 18.0 | 18.8 | 18.3 | 19.1 | 19.3 | 18.2 | 19.0 | 18.5 | 19.3 | 19.5 |
| | 12H | 18.0 | 18.7 | 18.3 | 19.0 | 19.3 | 18.2 | 18.9 | 18.5 | 19.2 | 19.5 |
| 4H | 2H | 18.1 | 19.0 | 18.4 | 19.2 | 19.4 | 18.3 | 19.2 | 18.6 | 19.4 | 19.6 |
| | 3H | 18.0 | 18.7 | 18.3 | 19.0 | 19.3 | 18.2 | 18.9 | 18.5 | 19.2 | 19.5 |
| | 4H | 18.0 | 18.7 | 18.3 | 19.0 | 19.3 | 18.2 | 18.8 | 18.5 | 19.1 | 19.5 |
| | 6H | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 | 18.1 | 18.7 | 18.5 | 19.1 | 19.4 |
| | 8H | 17.9 | 18.5 | 18.3 | 18.8 | 19.2 | 18.1 | 18.7 | 18.5 | 19.0 | 19.4 |
| | 12H | 17.9 | 18.4 | 18.3 | 18.8 | 19.2 | 18.1 | 18.6 | 18.5 | 18.9 | 19.3 |
| 8H | 4H | 17.9 | 18.4 | 18.3 | 18.8 | 19.1 | 18.1 | 18.6 | 18.4 | 19.0 | 19.3 |
| | 6H | 17.9 | 18.4 | 18.3 | 18.8 | 19.2 | 18.0 | 18.5 | 18.5 | 18.9 | 19.3 |
| | 8H | 17.9 | 18.3 | 18.3 | 18.7 | 19.1 | 18.0 | 18.4 | 18.5 | 18.9 | 19.3 |
| | 12H | 17.8 | 18.2 | 18.3 | 18.6 | 19.1 | 18.0 | 18.3 | 18.5 | 18.8 | 19.2 |
| 12H | 4H | 17.8 | 18.3 | 18.2 | 18.7 | 19.1 | 18.0 | 18.5 | 18.4 | 18.9 | 19.3 |
| | 6H | 17.9 | 18.3 | 18.3 | 18.7 | 19.1 | 18.0 | 18.4 | 18.5 | 18.8 | 19.3 |
| | 8H | 17.8 | 18.2 | 18.3 | 18.6 | 19.1 | 18.0 | 18.3 | 18.5 | 18.8 | 19.3 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 2.4 / - 3.9 | | | | | + 3.0 / - 5.3 | | | | | |
| 1.5H | + 3.9 / - 2.6 | | | | | + 4.8 / - 3.4 | | | | | |
| 2.0H | + 3.1 / - 4.1 | | | | | + 3.2 / - 4.5 | | | | | |

CIE Pub.117, 983.2 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.1$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

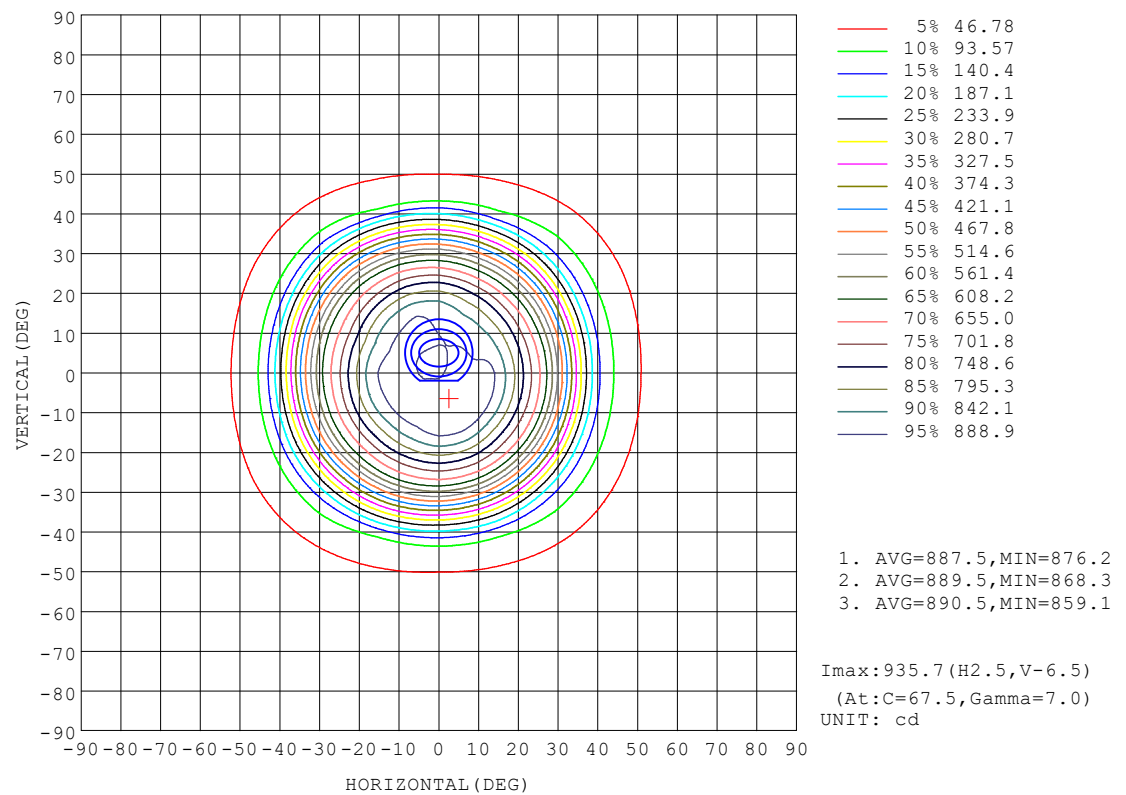
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 84 | 77 | 73 | 83 | 77 | 73 | 83 | 76 | 73 | 69 |
| 0.80 | 92 | 85 | 81 | 91 | 85 | 81 | 90 | 85 | 81 | 77 |
| 1.00 | 97 | 91 | 87 | 96 | 90 | 87 | 95 | 90 | 86 | 82 |
| 1.25 | 101 | 96 | 92 | 100 | 95 | 92 | 98 | 94 | 91 | 86 |
| 1.50 | 104 | 99 | 96 | 103 | 99 | 95 | 101 | 97 | 94 | 89 |
| 2.00 | 108 | 103 | 100 | 106 | 102 | 99 | 103 | 100 | 97 | 92 |
| 2.50 | 109 | 105 | 102 | 108 | 104 | 101 | 105 | 102 | 99 | 93 |
| 3.00 | 111 | 107 | 104 | 109 | 106 | 103 | 106 | 103 | 101 | 95 |
| 4.00 | 113 | 110 | 108 | 111 | 109 | 106 | 107 | 105 | 104 | 96 |
| 5.00 | 114 | 112 | 110 | 112 | 110 | 108 | 108 | 107 | 105 | 98 |
| 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:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

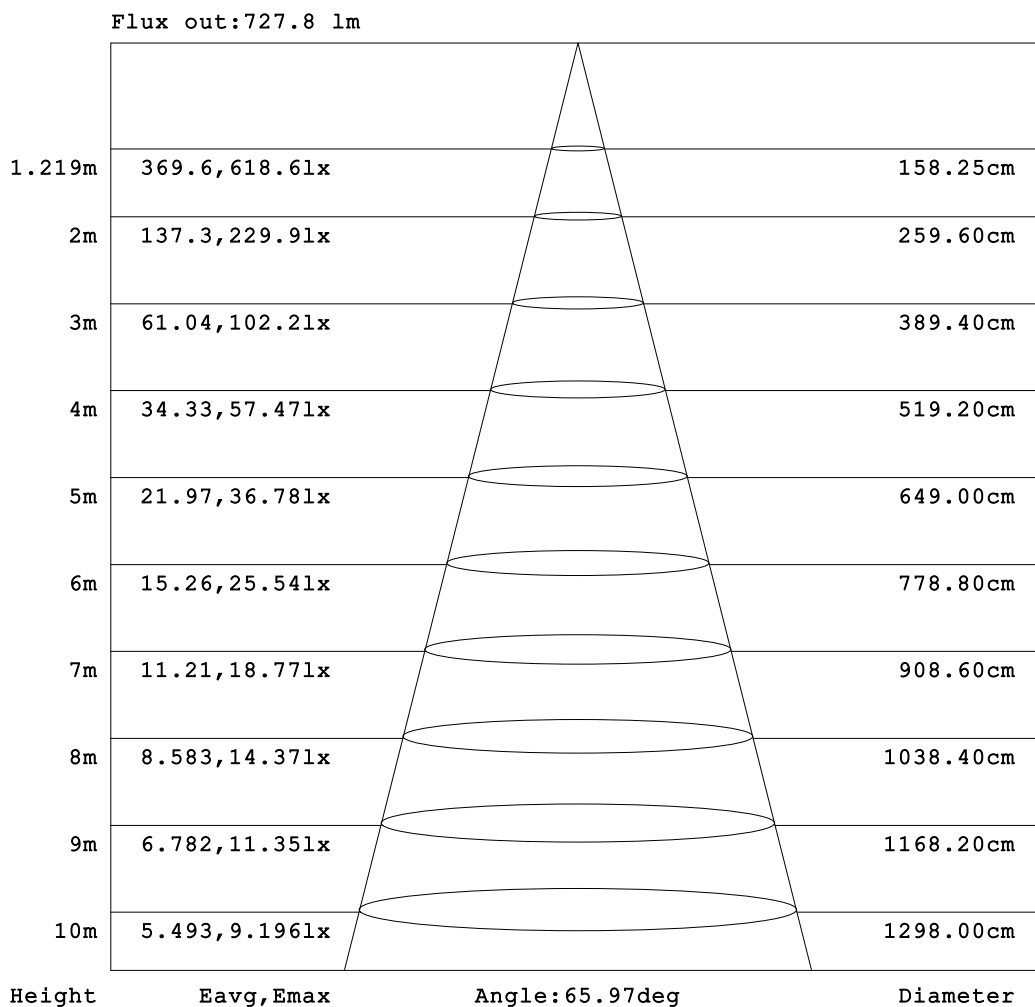


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



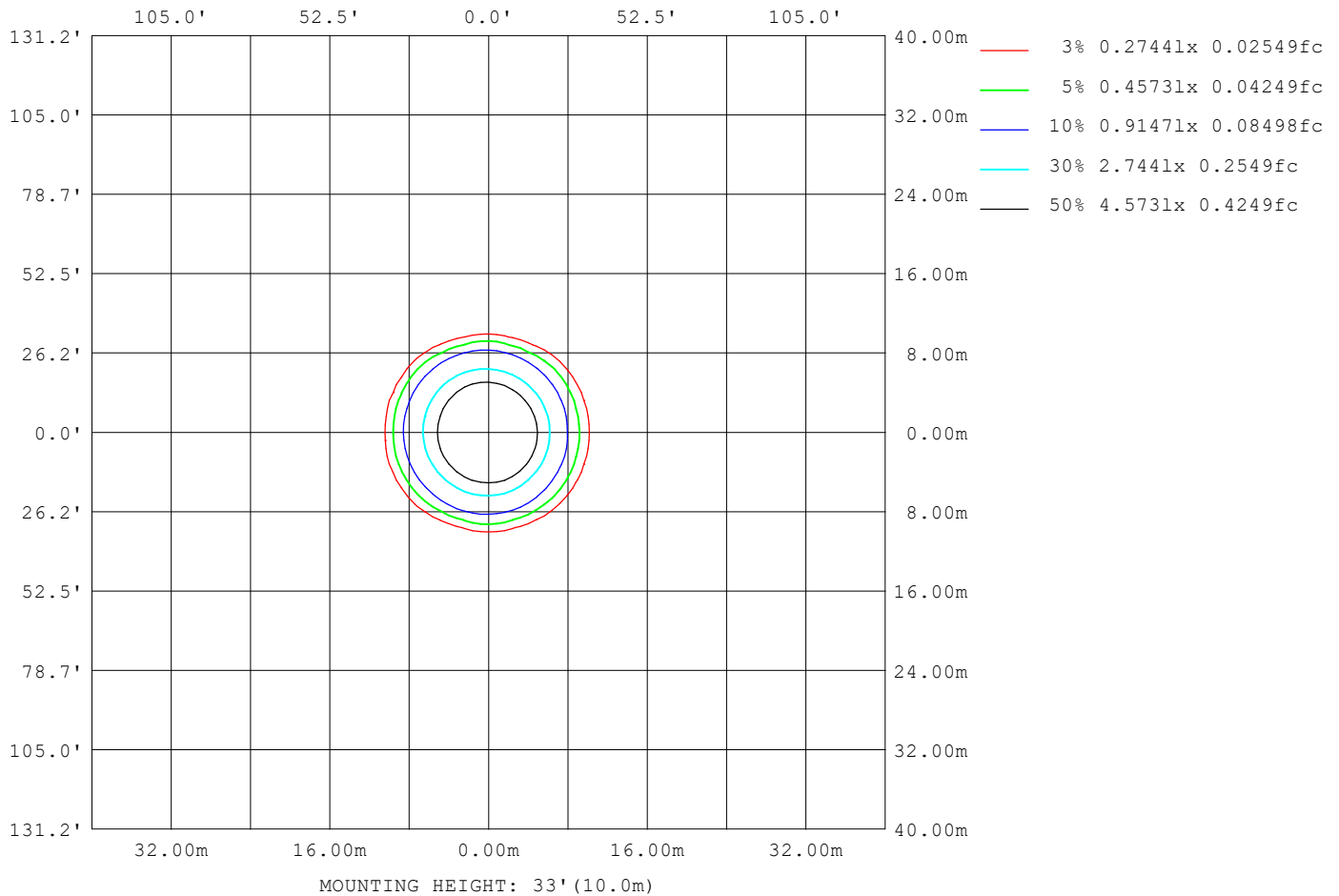
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | 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:14 October 2020

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:240.08V I:0.0494A P:10.435W PF:0.8803 Freq:50.09Hz Lamp Flux:983.209x1 lm | | |
| NAME: DEEP DOWN IP44_WHT_SLE G7 09mm_250mA_4K_50 DEG | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

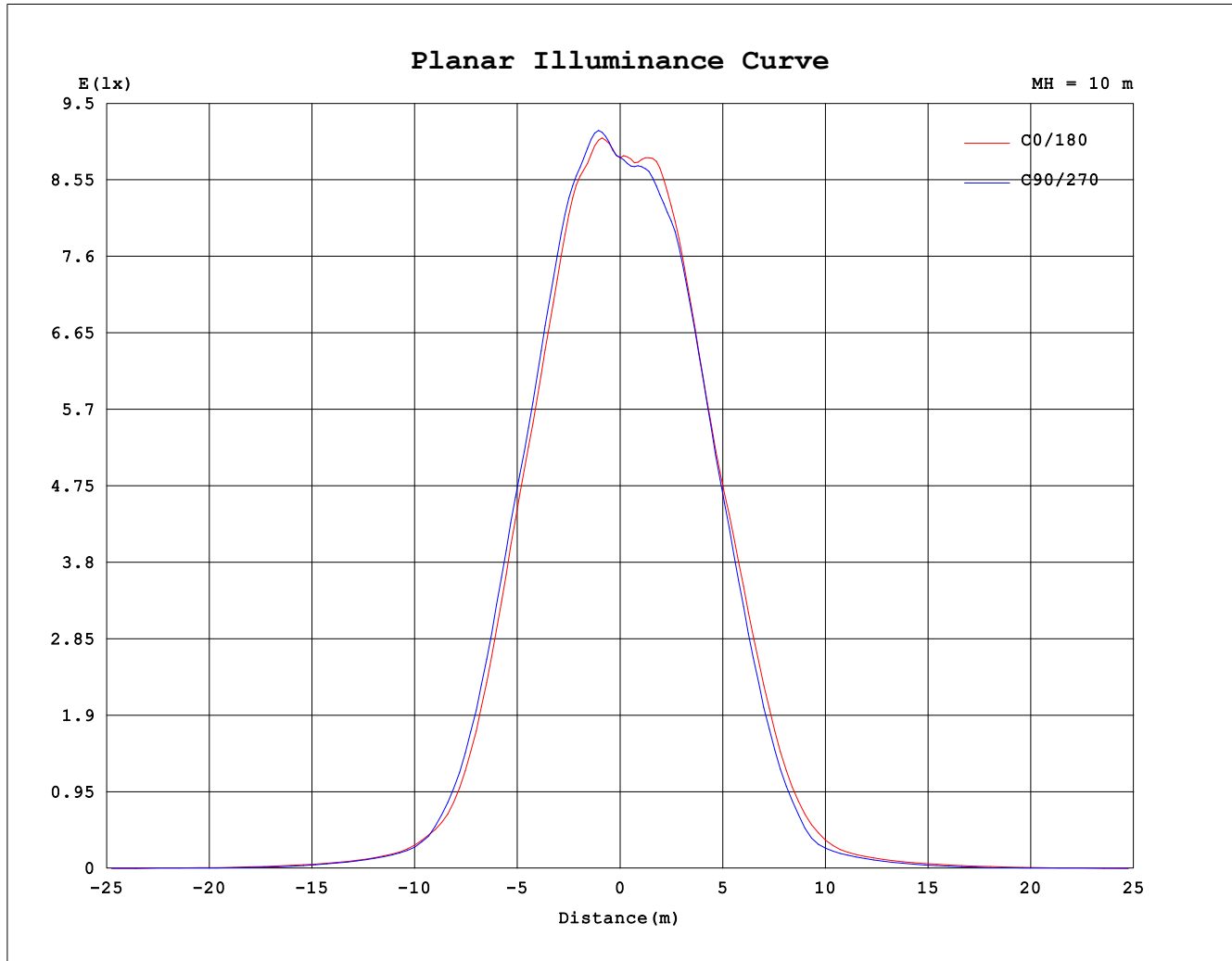
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 2672 |
| L_0~180 (75) av | 2416 |
| L_0~180 (85) av | 848 |
| L_90~270 (65) av | 1862 |
| L_90~270 (75) av | 2199 |
| L_90~270 (85) av | 513 |
| L_45 (65) av | 2194 |
| L_45 (75) av | 2267 |
| L_45 (85) av | 1083 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:14 October 2020

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: 14 October 2020

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:

```