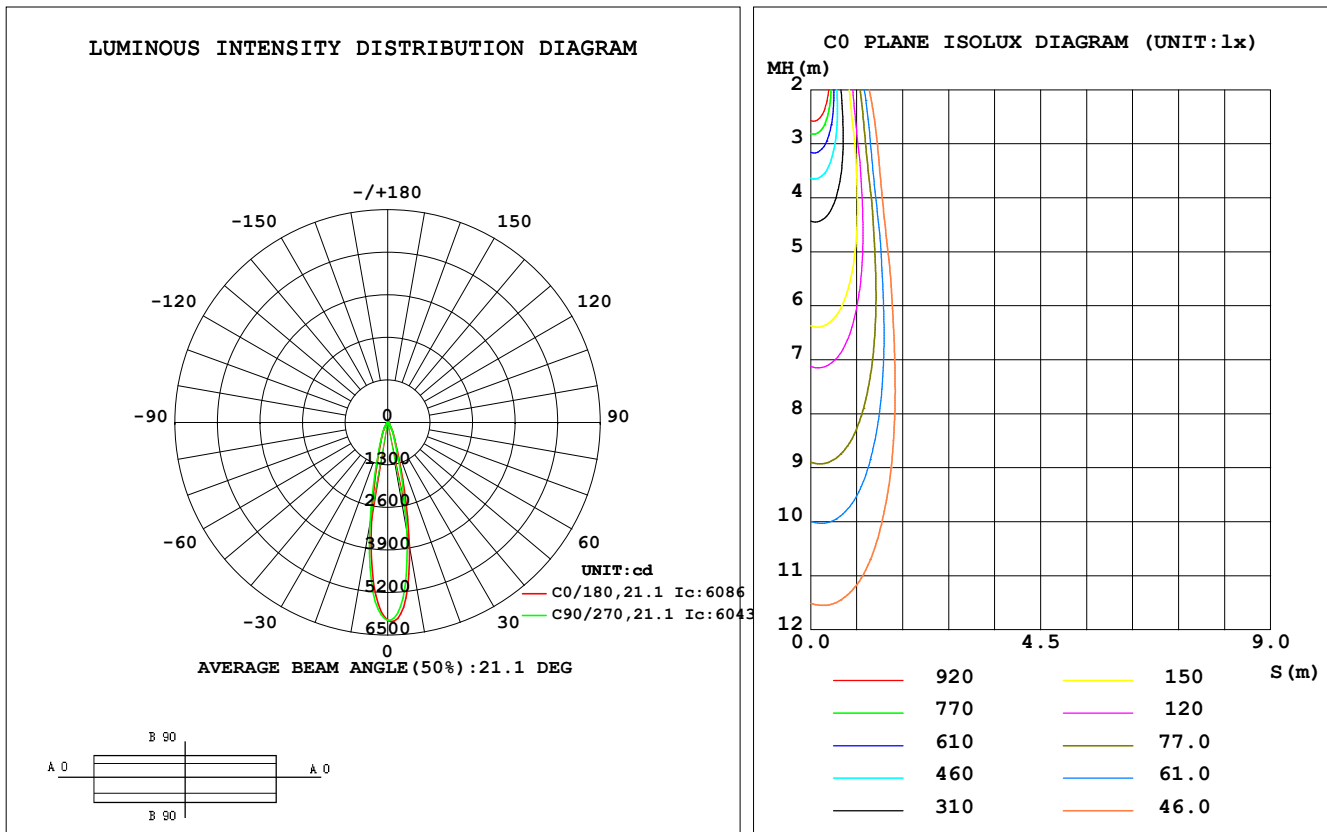


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | | | | |
|--|--|---------|--|------------------|--|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | | | | |
| NAME: DP090RW-S01-14G40 | | TYPE: | | WEIGHT: | |
| SPEC.: | | DIM.: | | SERIAL No.: | |
| MFR.: | | SUR.:80 | | Shielding Angle: | |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 83.11 lm/W |
|------------------|-------------|-----------------------|--------|-------------------|----------|-----------------|
| MODEL | 3000K CRI90 | I _{max} (cd) | 6104 | S/MH(C0/180) | 0.32 | |
| NOMINAL POWER(W) | 15 | LOR(%) | 100.0 | S/MH(C90/270) | 0.35 | |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 1238.4 | η UP,DN(C0-180) | 0.0,51.4 | |
| NOMINAL FLUX(lm) | 1238.37 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,48.6 | |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.00 | |
| TEST VOLTAGE(V) | 36 | η down(%) | 100.0 | CIBSE SHR MAX | 1.00 | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [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 | 3833 | 3793 | 3411 | 2929 | 2766 | 2778 | 3117 | 3620 | 0- 10 | 438.6 | 438.6 | 35.4, 35.4 |
| 20 | 791.9 | 772.7 | 712.1 | 628.1 | 624.7 | 610.6 | 668.4 | 745.4 | 10- 20 | 429.8 | 868.5 | 70.1, 70.1 |
| 30 | 273.6 | 273.8 | 259.9 | 228.9 | 235.1 | 229.0 | 246.2 | 271.0 | 20- 30 | 194.2 | 1063 | 85.8, 85.8 |
| 40 | 99.92 | 100.1 | 93.81 | 82.32 | 89.84 | 87.97 | 94.77 | 107.8 | 30- 40 | 100.2 | 1163 | 93.9, 93.9 |
| 50 | 22.35 | 21.61 | 18.86 | 15.51 | 24.10 | 24.60 | 26.63 | 30.67 | 40- 50 | 41.23 | 1204 | 97.2, 97.2 |
| 60 | 9.689 | 9.616 | 9.172 | 8.635 | 14.89 | 15.00 | 15.62 | 16.57 | 50- 60 | 14.42 | 1219 | 98.4, 98.4 |
| 70 | 6.086 | 6.046 | 5.859 | 5.644 | 9.532 | 9.601 | 9.969 | 10.44 | 60- 70 | 9.881 | 1228 | 99.2, 99.2 |
| 80 | 3.655 | 3.633 | 2.851 | 3.329 | 5.577 | 5.614 | 5.696 | 6.230 | 70- 80 | 6.547 | 1235 | 99.7, 99.7 |
| 90 | 1.761 | 1.750 | 1.758 | 1.849 | 2.953 | 2.938 | 3.004 | 3.109 | 80- 90 | 3.434 | 1238 | 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): 1189.2 lm

%lum = 96.0%

%lamp = 96.0%

Conical surface Flux(120deg): 1218.5 lm

%lum = 98.4%

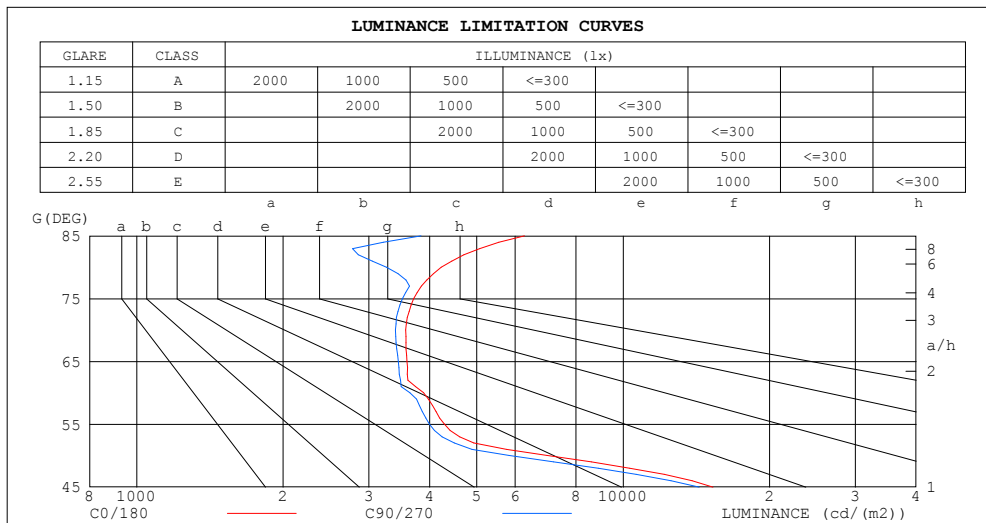
%lamp = 98.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 6263 | 3840 |
| 80 | 4225 | 3262 |
| 75 | 3711 | 3516 |
| 70 | 3572 | 3403 |
| 65 | 3591 | 3447 |
| 60 | 3890 | 3644 |
| 55 | 4291 | 3993 |
| 50 | 6981 | 5830 |
| 45 | 15303 | 14334 |

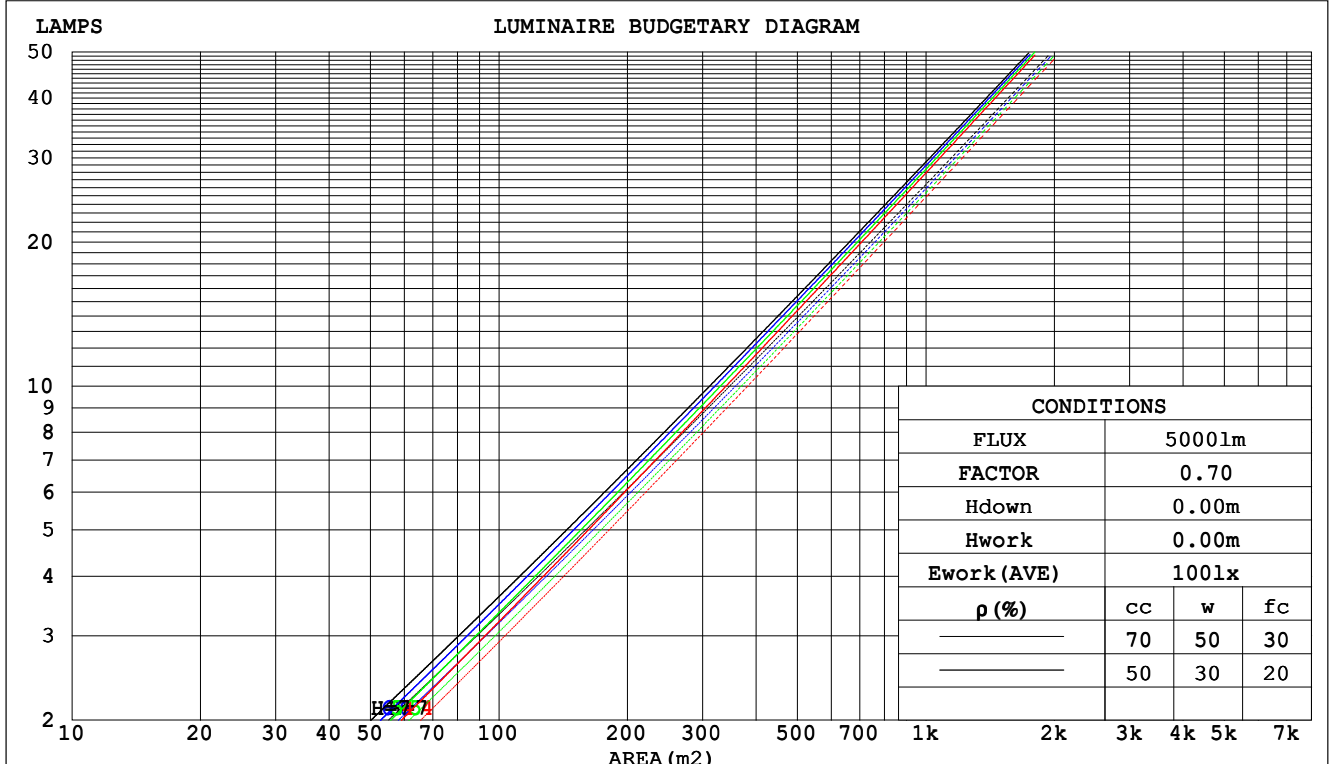
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | 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 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | 1.00 | .99 | .98 | .97 | .95 |
| 2.0 | 1.06 | 1.03 | .90 | 1.04 | 1.01 | .99 | 1.01 | .99 | .97 | .98 | .96 | .95 | .96 | .94 | .93 | .91 |
| 3.0 | 1.01 | .97 | .94 | .90 | .96 | .93 | .97 | .94 | .91 | .95 | .92 | .90 | .93 | .91 | .89 | .87 |
| 4.0 | .96 | .92 | .89 | .95 | .91 | .88 | .93 | .90 | .87 | .91 | .88 | .86 | .90 | .87 | .85 | .84 |
| 5.0 | .92 | .88 | .84 | .91 | .87 | .84 | .90 | .86 | .83 | .88 | .85 | .83 | .87 | .84 | .82 | .81 |
| 6.0 | .89 | .84 | .81 | .88 | .84 | .81 | .87 | .83 | .80 | .85 | .82 | .80 | .84 | .81 | .79 | .78 |
| 7.0 | .86 | .81 | .78 | .85 | .81 | .78 | .84 | .80 | .77 | .83 | .79 | .77 | .82 | .79 | .76 | .75 |
| 8.0 | .83 | .78 | .75 | .82 | .78 | .75 | .81 | .77 | .75 | .80 | .77 | .74 | .79 | .76 | .74 | .73 |
| 9.0 | .80 | .76 | .73 | .80 | .75 | .72 | .79 | .75 | .72 | .78 | .74 | .72 | .77 | .74 | .72 | .71 |
| 10.0 | .78 | .73 | .70 | .77 | .73 | .70 | .76 | .73 | .70 | .76 | .72 | .70 | .75 | .72 | .70 | .69 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|---------|--|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | | | | |
| NAME: DP090RW-S01-14G40 | | | TYPE: | | WEIGHT: |
| SPEC.: | | | DIM.: | | SERIAL No.: |
| MFR.: | | | SUR.:80 | | 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 | .152 | .087 | .027 | .146 | .083 | .026 | .133 | .076 | .024 | .122 | .070 | .023 | .111 | .064 | .021 | | |
| 2.0 | .141 | .078 | .024 | .136 | .075 | .023 | .126 | .070 | .022 | .116 | .065 | .020 | .107 | .061 | .019 | | |
| 3.0 | .132 | .070 | .021 | .127 | .068 | .021 | .119 | .064 | .020 | .111 | .061 | .019 | .103 | .057 | .018 | | |
| 4.0 | .123 | .064 | .019 | .120 | .063 | .018 | .112 | .060 | .018 | .105 | .057 | .017 | .099 | .054 | .016 | | |
| 5.0 | .116 | .059 | .017 | .113 | .058 | .017 | .106 | .055 | .016 | .101 | .053 | .016 | .095 | .051 | .015 | | |
| 6.0 | .110 | .055 | .016 | .107 | .054 | .016 | .101 | .052 | .015 | .096 | .050 | .015 | .091 | .048 | .014 | | |
| 7.0 | .104 | .051 | .015 | .101 | .050 | .014 | .097 | .049 | .014 | .092 | .047 | .014 | .088 | .046 | .013 | | |
| 8.0 | .099 | .048 | .014 | .096 | .047 | .013 | .092 | .046 | .013 | .088 | .045 | .013 | .085 | .043 | .013 | | |
| 9.0 | .094 | .045 | .013 | .092 | .045 | .013 | .088 | .044 | .012 | .085 | .043 | .012 | .082 | .041 | .012 | | |
| 10.0 | .090 | .043 | .012 | .088 | .043 | .012 | .085 | .042 | .012 | .082 | .041 | .012 | .079 | .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 | .126 | .099 | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .152 | .133 | .116 | .130 | .114 | .100 | .089 | .079 | .070 | .052 | .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 | .063 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .007 | |
| 7.0 | .100 | .068 | .046 | .086 | .059 | .040 | .059 | .041 | .029 | .034 | .024 | .017 | .011 | .008 | .006 | |
| 8.0 | .093 | .061 | .040 | .080 | .053 | .035 | .055 | .037 | .025 | .032 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .087 | .056 | .035 | .075 | .049 | .030 | .052 | .034 | .021 | .030 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .082 | .051 | .030 | .071 | .044 | .027 | .049 | .031 | .019 | .029 | .018 | .011 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|------------------|------|------|------|---------|----------------|------|------------------|------|------|------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | | | | | | | | | | |
| NAME: DP090RW-S01-14G40 | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.:80 | | | 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 | | 13.8 | 14.5 | 14.0 | 14.7 | 14.8 | 13.5 | 14.3 | 13.7 | 14.4 | 14.6 |
| | 3H | 13.9 | 14.6 | 14.2 | 14.8 | 15.0 | 13.7 | 14.3 | 13.9 | 14.5 | 14.7 |
| | 4H | 14.0 | 14.7 | 14.3 | 14.9 | 15.1 | 13.8 | 14.4 | 14.0 | 14.6 | 14.8 |
| | 6H | 14.2 | 14.8 | 14.5 | 15.0 | 15.3 | 13.9 | 14.5 | 14.2 | 14.7 | 15.0 |
| | 8H | 14.3 | 14.9 | 14.6 | 15.1 | 15.4 | 13.9 | 14.5 | 14.2 | 14.7 | 15.0 |
| | 12H | 14.4 | 15.0 | 14.7 | 15.2 | 15.5 | 13.9 | 14.5 | 14.2 | 14.7 | 15.0 |
| 4H | 2H | 13.7 | 14.3 | 14.0 | 14.6 | 14.8 | 13.4 | 14.1 | 13.7 | 14.3 | 14.5 |
| | 3H | 13.9 | 14.5 | 14.2 | 14.8 | 15.0 | 13.7 | 14.2 | 14.0 | 14.5 | 14.8 |
| | 4H | 14.1 | 14.6 | 14.5 | 14.9 | 15.2 | 13.9 | 14.4 | 14.2 | 14.7 | 15.0 |
| | 6H | 14.4 | 14.8 | 14.7 | 15.2 | 15.5 | 14.1 | 14.5 | 14.4 | 14.9 | 15.2 |
| | 8H | 14.5 | 15.0 | 14.9 | 15.3 | 15.7 | 14.1 | 14.6 | 14.5 | 14.9 | 15.3 |
| | 12H | 14.7 | 15.1 | 15.2 | 15.5 | 15.9 | 14.2 | 14.6 | 14.6 | 14.9 | 15.3 |
| 8H | 4H | 14.1 | 14.6 | 14.5 | 14.9 | 15.3 | 13.9 | 14.3 | 14.3 | 14.7 | 15.0 |
| | 6H | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 | 14.2 | 14.6 | 14.6 | 15.0 | 15.4 |
| | 8H | 14.8 | 15.1 | 15.2 | 15.5 | 15.9 | 14.3 | 14.6 | 14.7 | 15.0 | 15.5 |
| | 12H | 15.1 | 15.4 | 15.6 | 15.8 | 16.3 | 14.4 | 14.7 | 14.9 | 15.1 | 15.6 |
| 12H | 4H | 14.1 | 14.5 | 14.5 | 14.9 | 15.3 | 13.9 | 14.3 | 14.3 | 14.6 | 15.0 |
| | 6H | 14.5 | 14.8 | 15.0 | 15.3 | 15.7 | 14.2 | 14.6 | 14.7 | 15.0 | 15.4 |
| | 8H | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 | 14.4 | 14.6 | 14.8 | 15.1 | 15.5 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 1.6 / - 2.5 | | | | | + 1.7 / - 2.7 | | | | | |
| 1.5H | + 3.1 / - 2.6 | | | | | + 3.2 / - 2.9 | | | | | |
| 2.0H | + 3.2 / - 1.0 | | | | | + 3.4 / - 1.3 | | | | | |

CIE Pub.117, 1238 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.7$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | Shielding Angle: |

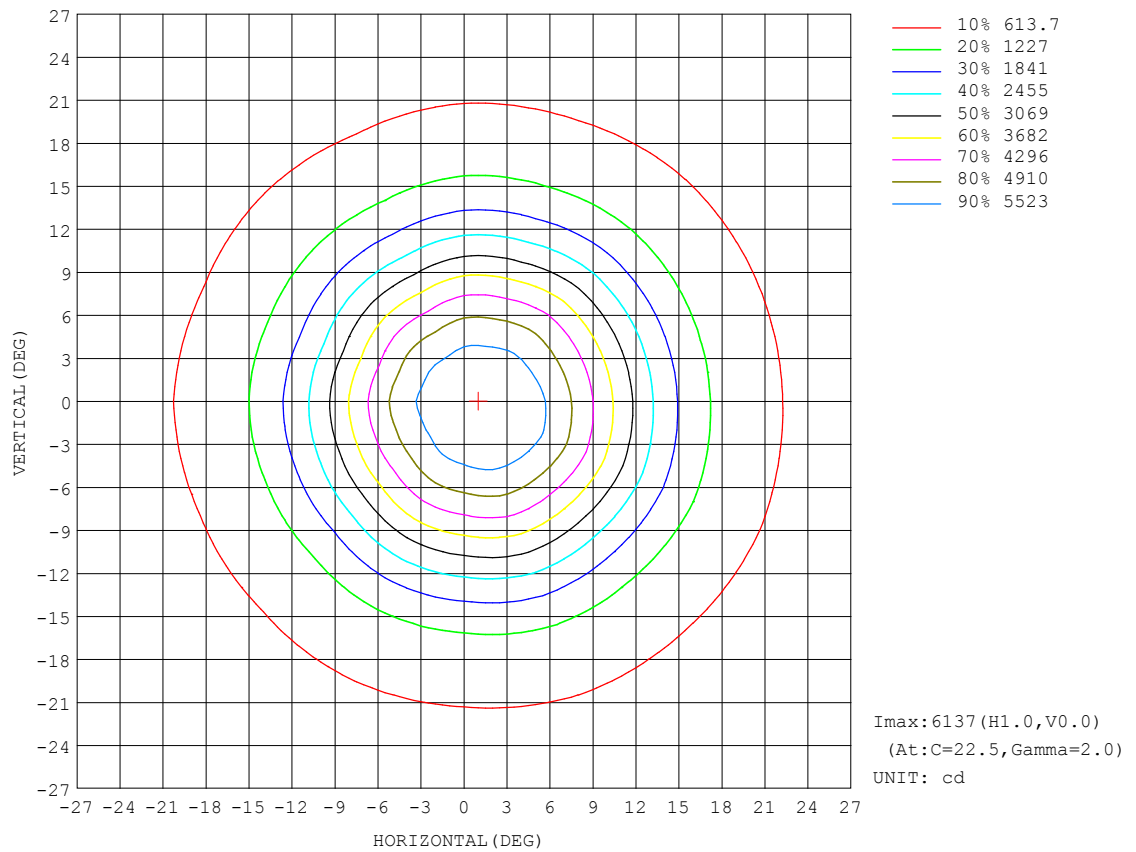
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 87 | 81 | 78 | 87 | 81 | 78 | 74 |
| 0.80 | 95 | 89 | 86 | 94 | 89 | 86 | 93 | 88 | 85 | 81 |
| 1.00 | 99 | 94 | 90 | 99 | 93 | 90 | 97 | 93 | 89 | 86 |
| 1.25 | 103 | 98 | 95 | 102 | 98 | 94 | 100 | 96 | 93 | 89 |
| 1.50 | 106 | 101 | 98 | 105 | 100 | 97 | 102 | 99 | 96 | 92 |
| 2.00 | 109 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 99 | 94 |
| 2.50 | 110 | 106 | 103 | 109 | 105 | 102 | 105 | 103 | 101 | 95 |
| 3.00 | 112 | 108 | 106 | 110 | 107 | 104 | 107 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 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:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | Shielding Angle: |

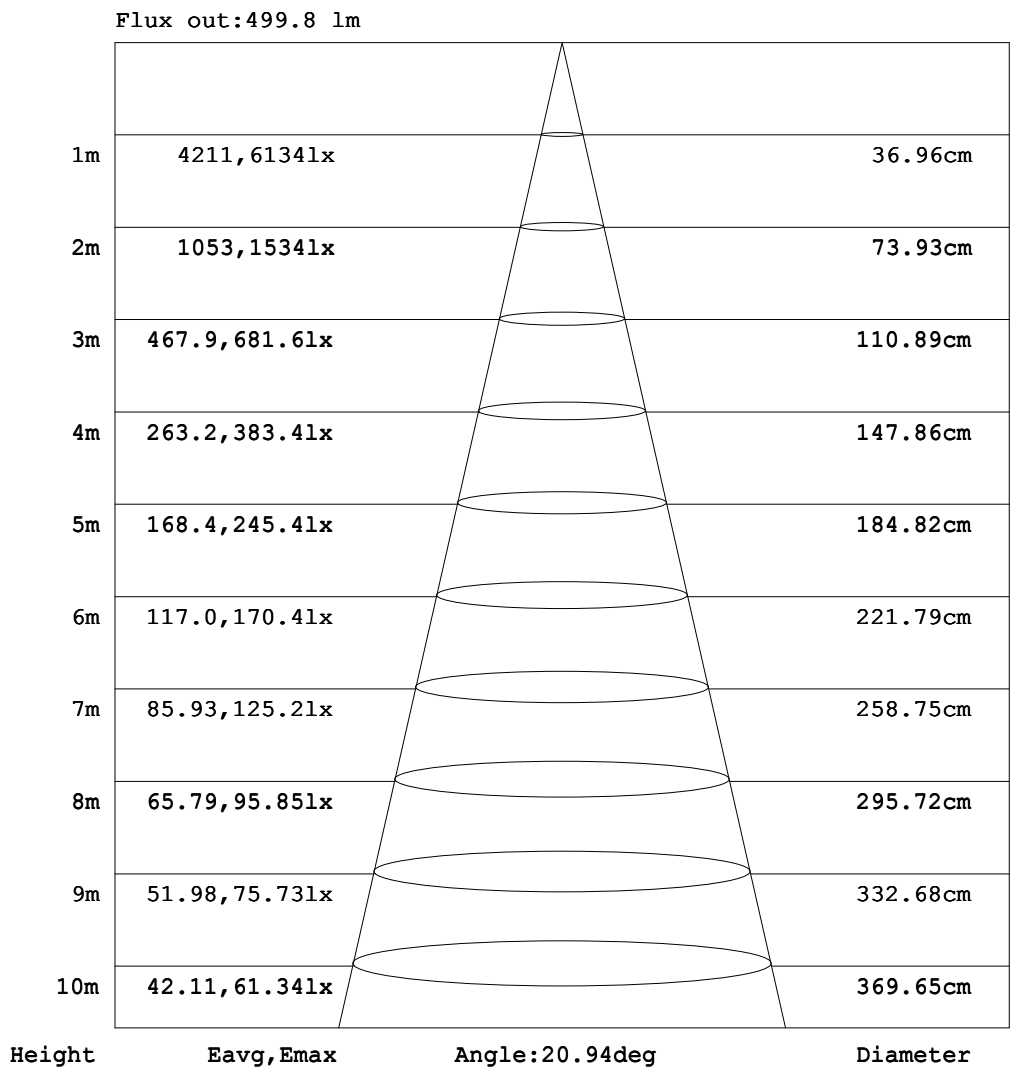


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | Shielding Angle: |



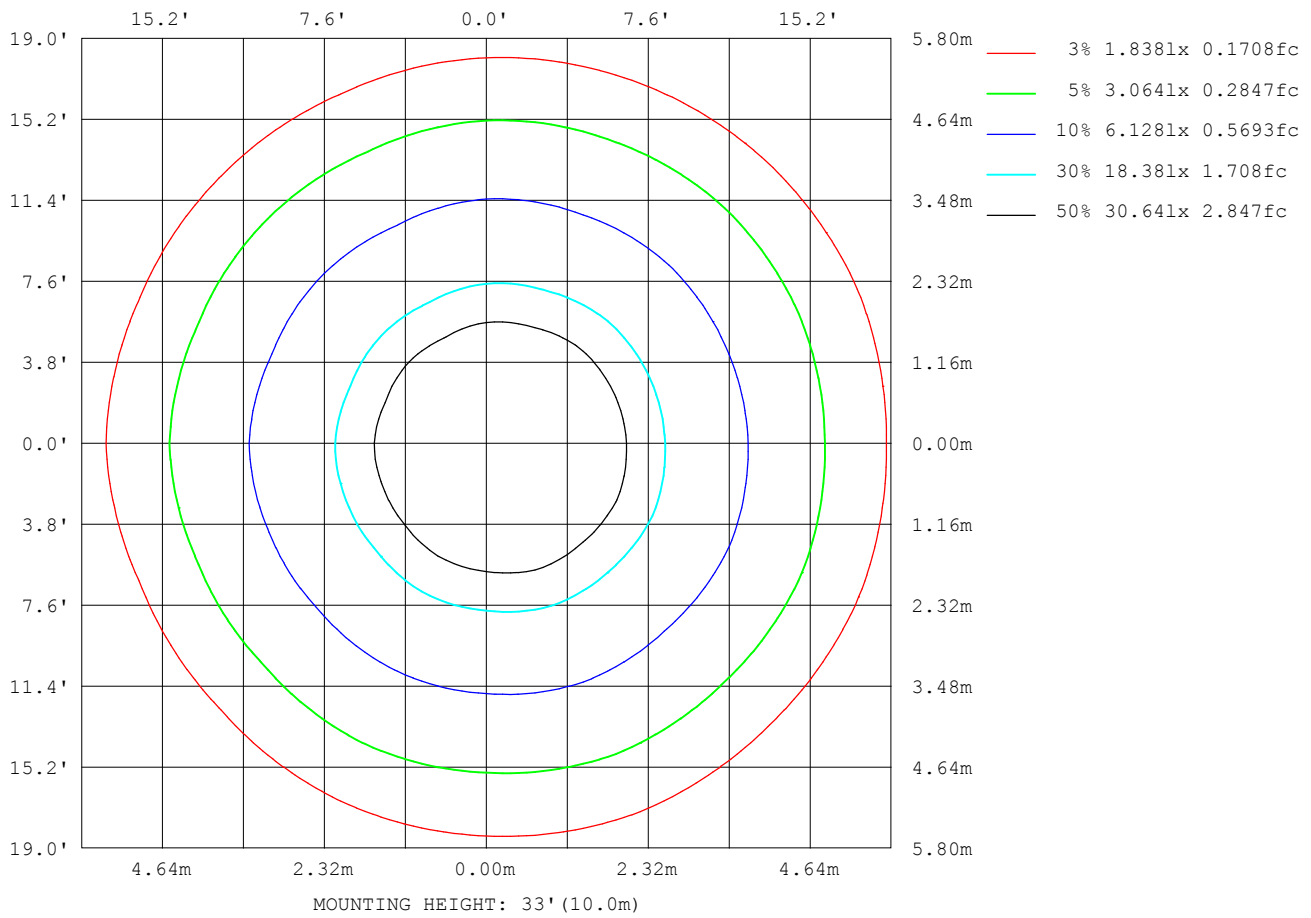
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-07-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|---------|------------------|
| Test:U:224.9V I:0.0690A P:14.90W PF:0.9580 Freq:50.00Hz Lamp Flux:1238.37x1 lm | | |
| NAME: DP090RW-S01-14G40 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:80 | Shielding Angle: |

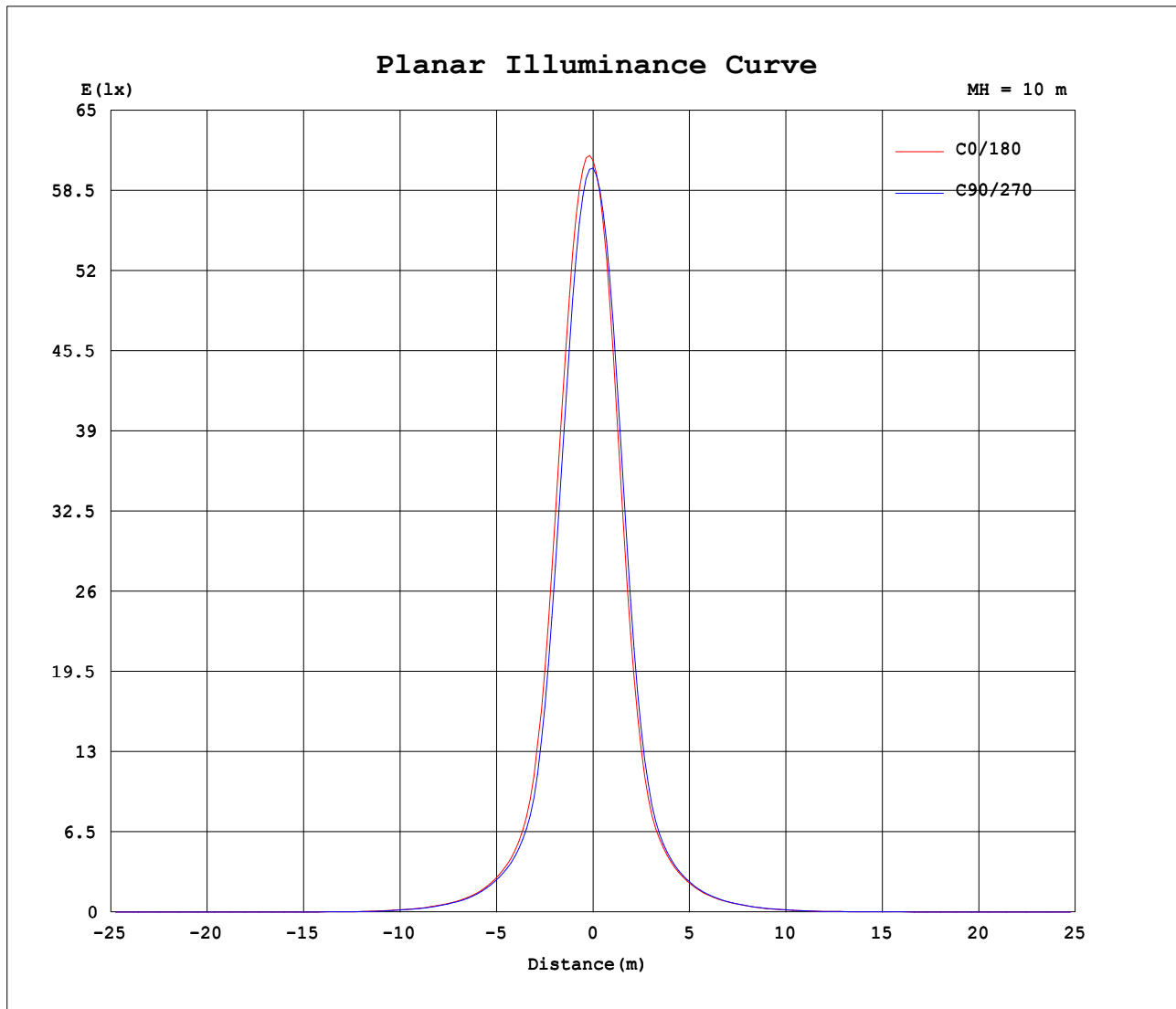
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 4622 |
| L_0~180 (75) av | 4686 |
| L_0~180 (85) av | 7720 |
| L_90~270 (65) av | 4686 |
| L_90~270 (75) av | 4749 |
| L_90~270 (85) av | 5877 |
| L_45 (65) av | 4697 |
| L_45 (75) av | 4761 |
| L_45 (85) av | 6260 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZR
Test Date: 2021-07-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 8.402m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

```