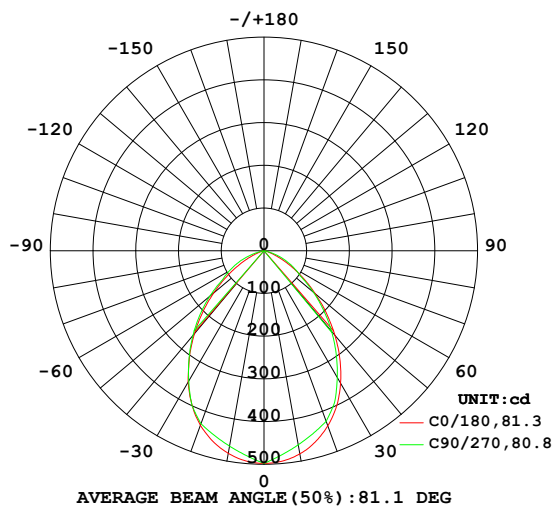


LUMINAIRE PHOTOMETRIC TEST REPORT

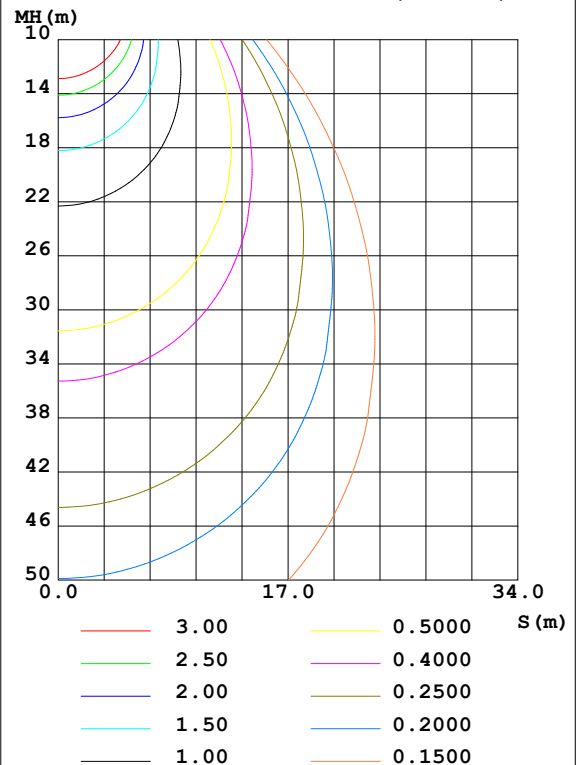
| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 83.98 lm/W | | | |
|-------------------|--------------|----------------------------------|--------|--------------------------|-----------|
| MODEL | SMD 2835/LED | I _{max} (cd) | 497.7 | S/MH (C0/180) | 1.10 |
| NOMINAL POWER (W) | 10.2 | LOR (%) | 100.0 | S/MH (C90/270) | 1.07 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 856.62 | η UP, DN (C0-180) | 0.0, 51.0 |
| NOMINAL FLUX (lm) | 856.619 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 49.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE (V) | 120.6 | η down (%) | 100.0 | CIBSE SHR MAX | 1.15 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yang
Test Date: 2024-07-26

V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.345m [K=1.0965]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|-------|-------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 481.5 | 467.4 | 464.5 | 465.7 | 482.7 | 463.4 | 461.4 | 465.0 | 0- 10 | 45.73 | 45.73 | 5.34, 5.34 |
| 20 | 434.9 | 423.0 | 431.2 | 417.5 | 436.4 | 412.1 | 425.0 | 417.6 | 10- 20 | 125.8 | 171.6 | 20, 20 |
| 30 | 355.3 | 355.9 | 352.6 | 353.9 | 358.6 | 345.8 | 343.1 | 347.3 | 20- 30 | 178.5 | 350.1 | 40.9, 40.9 |
| 40 | 253.0 | 257.5 | 258.9 | 255.0 | 258.6 | 246.7 | 246.1 | 246.7 | 30- 40 | 186.9 | 537.0 | 62.7, 62.7 |
| 50 | 153.7 | 161.8 | 165.5 | 157.7 | 156.5 | 150.3 | 151.3 | 149.2 | 40- 50 | 155.3 | 692.3 | 80.8, 80.8 |
| 60 | 70.45 | 80.90 | 93.31 | 76.06 | 74.11 | 69.61 | 81.82 | 69.11 | 50- 60 | 100.3 | 792.5 | 92.5, 92.5 |
| 70 | 16.52 | 32.77 | 42.19 | 29.75 | 19.27 | 25.68 | 35.52 | 25.70 | 60- 70 | 49.23 | 841.8 | 98.3, 98.3 |
| 80 | 0.4342 | 5.057 | 3.304 | 4.715 | 0.5864 | 3.263 | 0.6563 | 3.454 | 70- 80 | 13.75 | 855.5 | 99.9, 99.9 |
| 90 | 0.0112 | 0.8752 | 1.125 | 1.240 | 0.0926 | 0.1010 | 0.0953 | 0.0870 | 80- 90 | 1.100 | 856.6 | 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): 620.53 lm

%lum = 72.4%

%lamp = 72.4%

Conical surface Flux(120deg): 792.55 lm

%lum = 92.5%

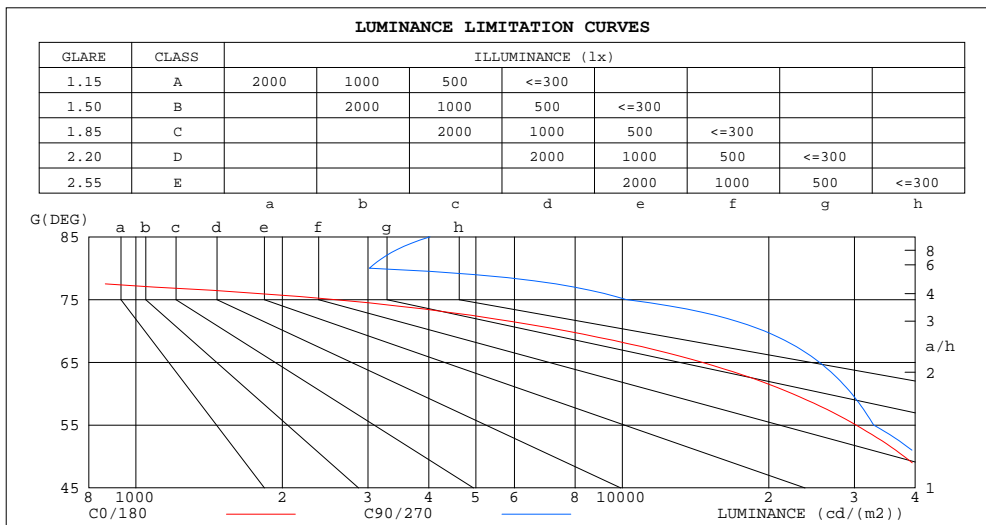
%lamp = 92.5%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yang
 Test Date:2024-07-26

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.345m [K=1.0965]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 321 | 4021 |
| 80 | 397 | 3020 |
| 75 | 2555 | 10185 |
| 70 | 7669 | 19580 |
| 65 | 14584 | 25424 |
| 60 | 22365 | 29623 |
| 55 | 30235 | 32869 |
| 50 | 37945 | 40863 |
| 45 | 45421 | 47567 |

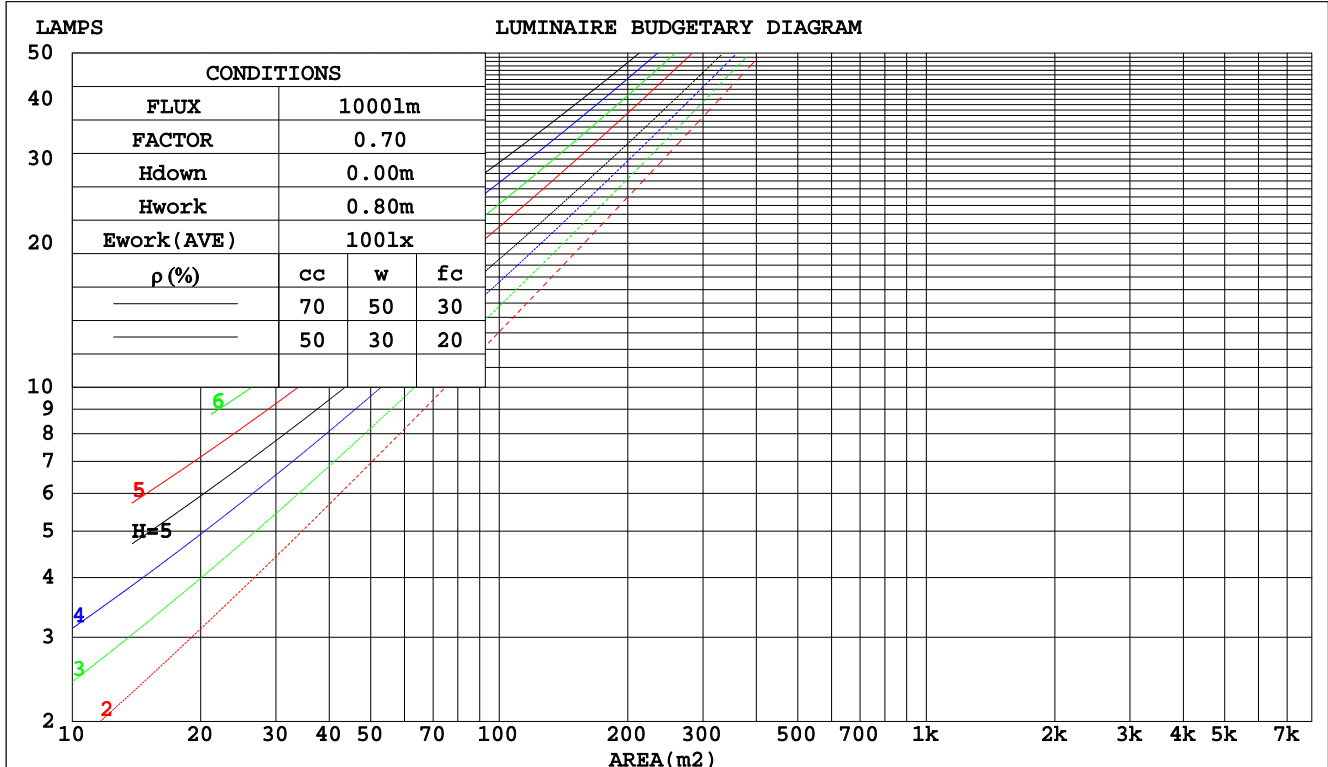
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 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 | .00 |
| 1.0 | 1.08 | 1.04 | 1.02 | 1.06 | 1.03 | .00 | 1.01 | .99 | .97 | .98 | .96 | .94 | .94 | .93 | .91 | .89 |
| 2.0 | .97 | .91 | .87 | .95 | .90 | .86 | .92 | .87 | .84 | .89 | .85 | .82 | .86 | .83 | .80 | .78 |
| 3.0 | .87 | .81 | .75 | .86 | .80 | .75 | .83 | .78 | .73 | .80 | .76 | .72 | .78 | .74 | .71 | .69 |
| 4.0 | .79 | .72 | .66 | .78 | .71 | .65 | .75 | .69 | .65 | .73 | .68 | .64 | .71 | .67 | .63 | .61 |
| 5.0 | .72 | .64 | .58 | .71 | .63 | .58 | .69 | .62 | .57 | .67 | .61 | .57 | .65 | .60 | .56 | .54 |
| 6.0 | .65 | .58 | .52 | .65 | .57 | .52 | .63 | .56 | .51 | .61 | .55 | .51 | .60 | .55 | .51 | .49 |
| 7.0 | .60 | .52 | .47 | .59 | .52 | .47 | .58 | .51 | .46 | .56 | .51 | .46 | .55 | .50 | .46 | .44 |
| 8.0 | .55 | .48 | .43 | .55 | .47 | .42 | .53 | .47 | .42 | .52 | .46 | .42 | .51 | .46 | .42 | .40 |
| 9.0 | .51 | .44 | .39 | .51 | .44 | .39 | .50 | .43 | .39 | .49 | .43 | .38 | .48 | .42 | .38 | .37 |
| 10.0 | .48 | .40 | .36 | .47 | .40 | .36 | .46 | .40 | .35 | .45 | .39 | .35 | .44 | .39 | .35 | .34 |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|-------------------------|--|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | | | | |
| NAME: AVD4-5CCT-DB | | | TYPE: Down light | | WEIGHT: 0.3Kg |
| SPEC.: 10W | | | DIM.: ϕ 132*44(MM) | | SERIAL No.: 01 |
| MFR.: Signcomplex | | | SUR.: ϕ 90(MM) | | Shielding Angle: 120° |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .236 | .134 | .042 | .229 | .131 | .041 | .216 | .124 | .040 | .204 | .118 | .038 | .193 | .112 | .036 | | |
| 2.0 | .230 | .126 | .039 | .224 | .124 | .038 | .213 | .119 | .037 | .203 | .114 | .036 | .194 | .109 | .035 | | |
| 3.0 | .220 | .117 | .035 | .214 | .115 | .035 | .205 | .111 | .034 | .196 | .107 | .033 | .187 | .104 | .032 | | |
| 4.0 | .208 | .108 | .032 | .203 | .106 | .031 | .195 | .103 | .031 | .187 | .100 | .030 | .179 | .097 | .030 | | |
| 5.0 | .196 | .100 | .029 | .192 | .098 | .029 | .184 | .096 | .028 | .177 | .093 | .028 | .171 | .091 | .027 | | |
| 6.0 | .185 | .093 | .027 | .181 | .091 | .026 | .174 | .089 | .026 | .168 | .087 | .026 | .162 | .085 | .025 | | |
| 7.0 | .174 | .086 | .024 | .171 | .085 | .024 | .165 | .083 | .024 | .159 | .082 | .024 | .154 | .080 | .024 | | |
| 8.0 | .165 | .081 | .023 | .162 | .080 | .023 | .157 | .078 | .022 | .151 | .077 | .022 | .147 | .075 | .022 | | |
| 9.0 | .156 | .075 | .021 | .153 | .075 | .021 | .149 | .073 | .021 | .144 | .072 | .021 | .140 | .071 | .020 | | |
| 10.0 | .148 | .071 | .020 | .146 | .070 | .020 | .141 | .069 | .019 | .137 | .068 | .019 | .133 | .067 | .019 | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 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 | .175 | .157 | .140 | .150 | .135 | .121 | .103 | .093 | .083 | .059 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .164 | .132 | .105 | .141 | .114 | .091 | .096 | .079 | .064 | .056 | .046 | .037 | .018 | .015 | .012 | |
| 3.0 | .155 | .114 | .081 | .133 | .098 | .071 | .091 | .068 | .050 | .053 | .040 | .029 | .017 | .013 | .010 | |
| 4.0 | .147 | .100 | .064 | .126 | .086 | .056 | .087 | .060 | .039 | .050 | .035 | .023 | .016 | .011 | .008 | |
| 5.0 | .139 | .089 | .052 | .120 | .077 | .045 | .082 | .054 | .032 | .048 | .032 | .019 | .015 | .010 | .006 | |
| 6.0 | .132 | .081 | .043 | .114 | .070 | .038 | .079 | .049 | .027 | .046 | .029 | .016 | .015 | .009 | .005 | |
| 7.0 | .126 | .073 | .037 | .109 | .064 | .032 | .075 | .045 | .023 | .044 | .026 | .013 | .014 | .009 | .004 | |
| 8.0 | .120 | .068 | .031 | .104 | .059 | .027 | .072 | .041 | .019 | .042 | .024 | .012 | .013 | .008 | .004 | |
| 9.0 | .115 | .063 | .027 | .099 | .054 | .024 | .069 | .038 | .017 | .040 | .023 | .010 | .013 | .007 | .003 | |
| 10.0 | .110 | .058 | .024 | .095 | .051 | .021 | .066 | .036 | .015 | .038 | .021 | .009 | .012 | .007 | .003 | |

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yang
 Test Date:2024-07-26

$V(B)$ Range:-90 - 90DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.345m [K=1.0965]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | | |
|--|-----|------------------|------|------|--------------------|------|----------------|-----------------------|------|------|------|------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | | | | | | | | | | | |
| NAME.: AVD4-5CCT-DB | | | | | TYPE.: Down light | | | WEIGHT.: 0.3Kg | | | | |
| SPEC.: 10W | | | | | DIM.: φ132*44 (MM) | | | SERIAL No.: 01 | | | | |
| MFR.: Signcomplex | | | | | SUR.: φ90 (MM) | | | Shielding Angle: 120° | | | | |
| 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 | 2H | 22.5 | 23.8 | 22.8 | 24.2 | 24.5 | 23.0 | 24.4 | 23.3 | 24.7 | 25.0 | |
| | 3H | 22.8 | 24.0 | 23.2 | 24.4 | 24.7 | 24.2 | 25.4 | 24.5 | 25.7 | 26.1 | |
| | 4H | 22.8 | 23.9 | 23.2 | 24.3 | 24.7 | 24.3 | 25.5 | 24.7 | 25.8 | 26.2 | |
| | 6H | 22.7 | 23.8 | 23.1 | 24.1 | 24.5 | 24.3 | 25.3 | 24.7 | 25.7 | 26.1 | |
| | 8H | 22.7 | 23.7 | 23.1 | 24.1 | 24.5 | 24.3 | 25.3 | 24.7 | 25.6 | 26.0 | |
| | 12H | 22.6 | 23.6 | 23.1 | 24.0 | 24.4 | 24.2 | 25.2 | 24.7 | 25.6 | 26.0 | |
| | | | | | | | | | | | | |
| | 4H | 2H | 22.7 | 23.9 | 23.1 | 24.2 | 24.6 | 23.1 | 24.2 | 23.5 | 24.6 | 25.0 |
| | | 3H | 23.2 | 24.1 | 23.6 | 24.5 | 24.9 | 24.5 | 25.4 | 24.9 | 25.8 | 26.2 |
| | | 4H | 23.2 | 24.0 | 23.6 | 24.4 | 24.9 | 24.7 | 25.5 | 25.1 | 25.9 | 26.3 |
| | | 6H | 23.1 | 23.8 | 23.6 | 24.3 | 24.7 | 24.7 | 25.4 | 25.1 | 25.8 | 26.3 |
| | | 8H | 23.0 | 23.7 | 23.5 | 24.2 | 24.6 | 24.6 | 25.3 | 25.1 | 25.7 | 26.2 |
| | | 12H | 23.0 | 23.6 | 23.5 | 24.1 | 24.5 | 24.6 | 25.2 | 25.1 | 25.7 | 26.1 |
| | | | | | | | | | | | | |
| | 8H | 4H | 23.2 | 23.9 | 23.7 | 24.4 | 24.8 | 24.6 | 25.3 | 25.1 | 25.7 | 26.2 |
| | | 6H | 23.2 | 23.7 | 23.7 | 24.2 | 24.7 | 24.6 | 25.1 | 25.1 | 25.6 | 26.1 |
| | | 8H | 23.1 | 23.6 | 23.6 | 24.1 | 24.6 | 24.6 | 25.0 | 25.1 | 25.6 | 26.1 |
| | | 12H | 23.1 | 23.5 | 23.6 | 24.0 | 24.6 | 24.5 | 25.0 | 25.0 | 25.5 | 26.0 |
| | | | | | | | | | | | | |
| | 12H | 4H | 23.2 | 23.8 | 23.7 | 24.3 | 24.7 | 24.6 | 25.2 | 25.0 | 25.6 | 26.1 |
| | | 6H | 23.1 | 23.6 | 23.7 | 24.1 | 24.6 | 24.6 | 25.0 | 25.1 | 25.5 | 26.1 |
| | | 8H | 23.1 | 23.5 | 23.6 | 24.0 | 24.6 | 24.5 | 25.0 | 25.0 | 25.4 | 26.0 |
| CIE190: 2010 | | | | | | | | | | | | |
| | | | | | | | | | | | | |

CIE190: 2010
Area: 0.0063 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |

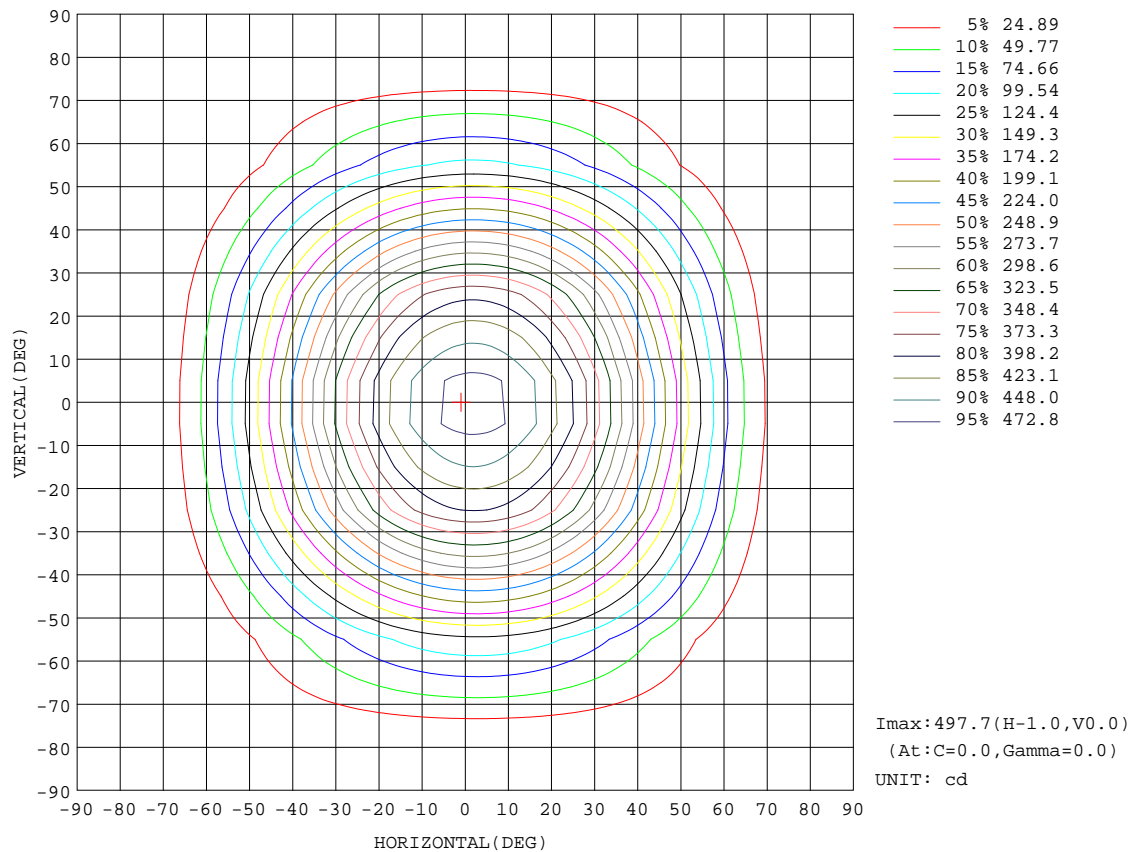
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 68 | 58 | 52 | 67 | 58 | 52 | 66 | 57 | 52 | 46 |
| 0.80 | 78 | 68 | 62 | 77 | 68 | 62 | 75 | 67 | 62 | 56 |
| 1.00 | 86 | 77 | 71 | 85 | 76 | 71 | 83 | 77 | 70 | 64 |
| 1.25 | 92 | 84 | 78 | 91 | 83 | 78 | 88 | 82 | 77 | 71 |
| 1.50 | 96 | 89 | 83 | 95 | 88 | 83 | 92 | 86 | 82 | 76 |
| 2.00 | 102 | 95 | 90 | 100 | 94 | 90 | 97 | 92 | 88 | 82 |
| 2.50 | 104 | 99 | 94 | 103 | 97 | 93 | 99 | 95 | 91 | 84 |
| 3.00 | 107 | 102 | 98 | 105 | 100 | 97 | 101 | 98 | 95 | 87 |
| 4.00 | 110 | 106 | 102 | 108 | 104 | 101 | 104 | 101 | 98 | 90 |
| 5.00 | 112 | 108 | 105 | 109 | 106 | 104 | 105 | 103 | 100 | 92 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yang
 Test Date:2024-07-26

$V(B)$ Range:-90 - 90DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.345m [K=1.0965]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |

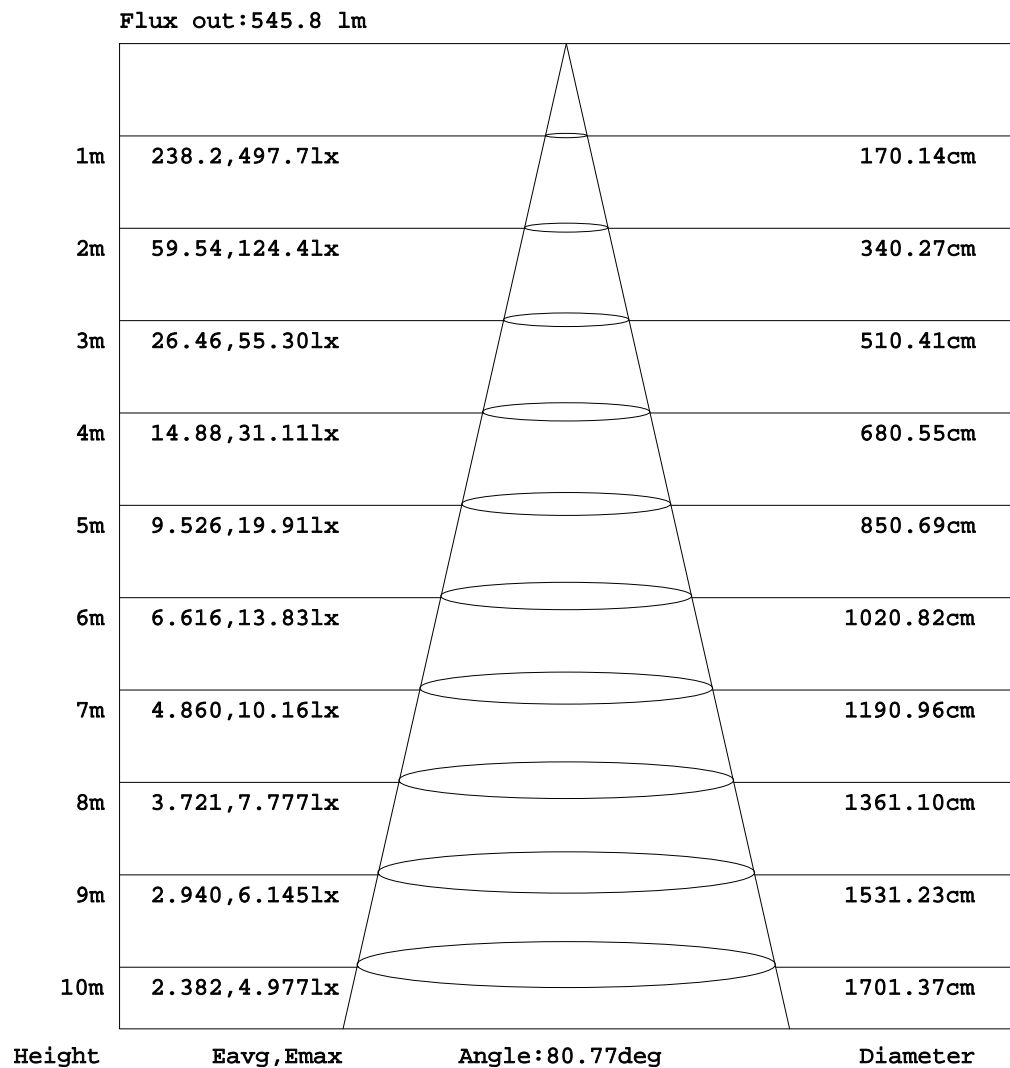


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yang
Test Date: 2024-07-26

V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.345m [K=1.0965]
Remarks:

AAI Figure

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |



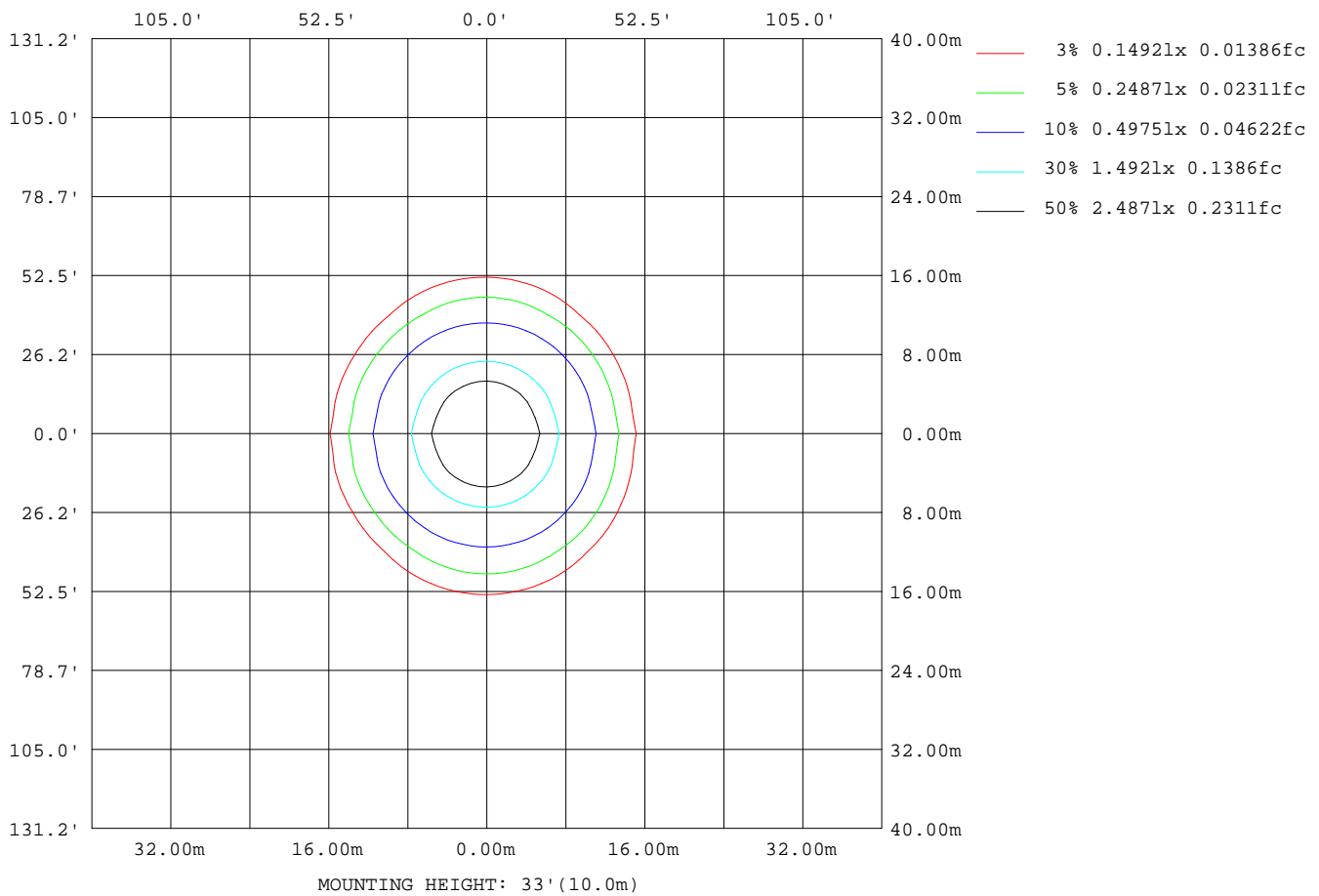
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

LED Avg.L Report

| | | |
|--|---------------------------------|-----------------------|
| Test:U:120.60V I:0.0880A P:10.200W PF:0.9690 Freq:60.00Hz Lamp Flux:856.619x1 lm | | |
| NAME: AVD4-5CCT-DB | TYPE: Down light | WEIGHT: 0.3Kg |
| SPEC.: 10W | DIM.: $\phi 132 \times 44$ (MM) | SERIAL No.: 01 |
| MFR.: Signcomplex | SUR.: $\phi 90$ (MM) | Shielding Angle: 120° |

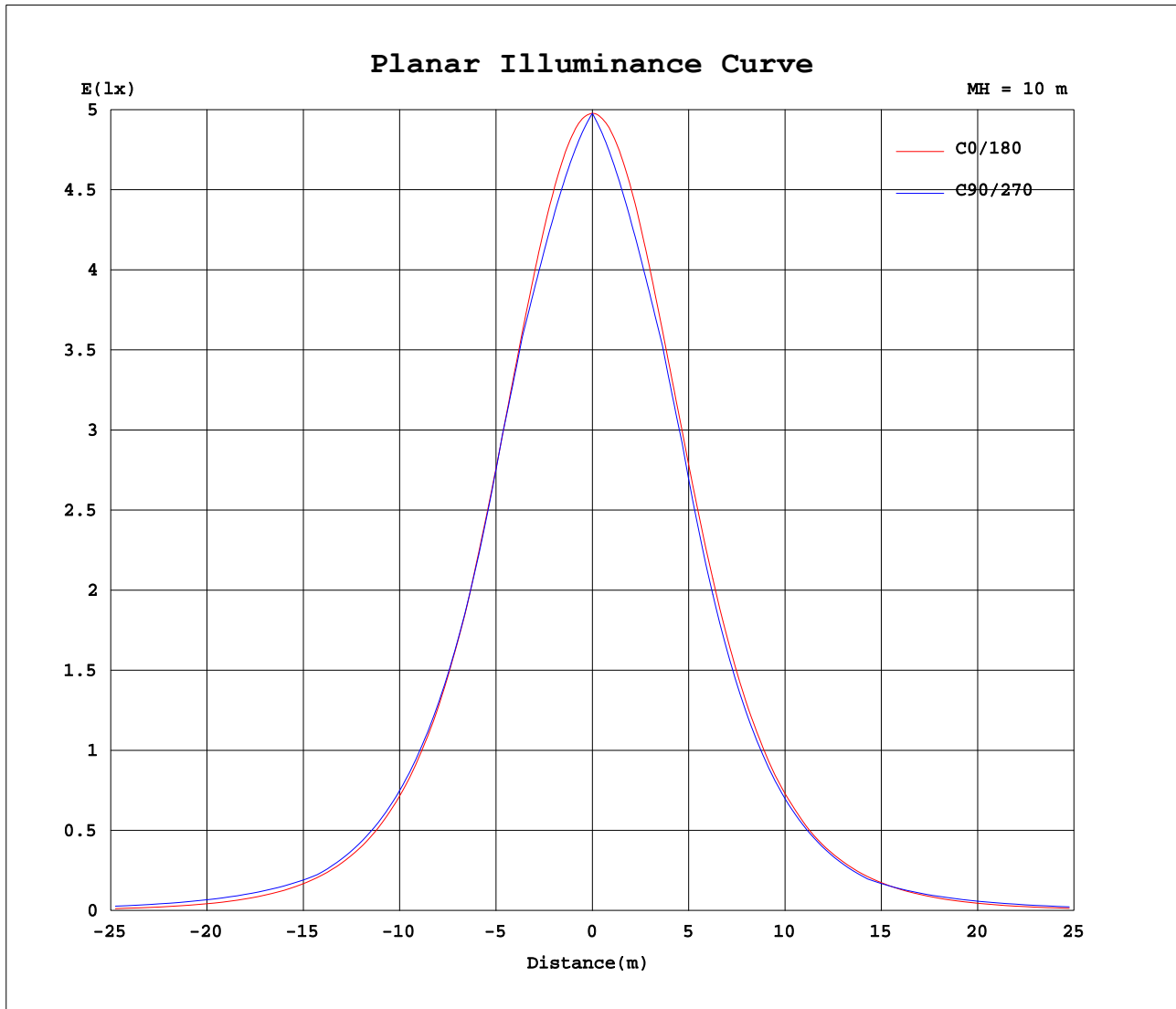
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 15205 |
| L_0~180 (75) av | 3076 |
| L_0~180 (85) av | 411 |
| L_90~270 (65) av | 23732 |
| L_90~270 (75) av | 8888 |
| L_90~270 (85) av | 2352 |
| L_45 (65) av | 16543 |
| L_45 (75) av | 9266 |
| L_45 (85) av | 1391 |

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yang
Test Date:2024-07-26

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.345m [K=1.0965]
Remarks:

V(B) Range:-90 - 90DEG
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Remarks: