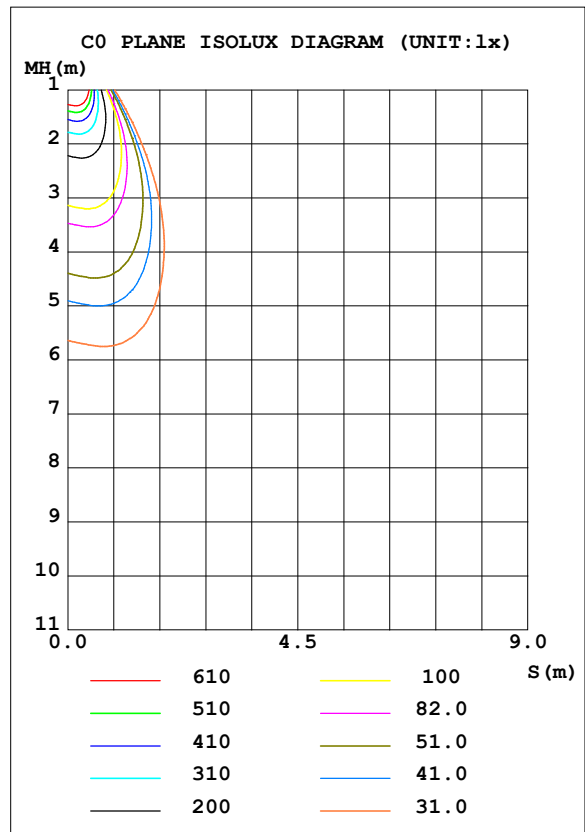
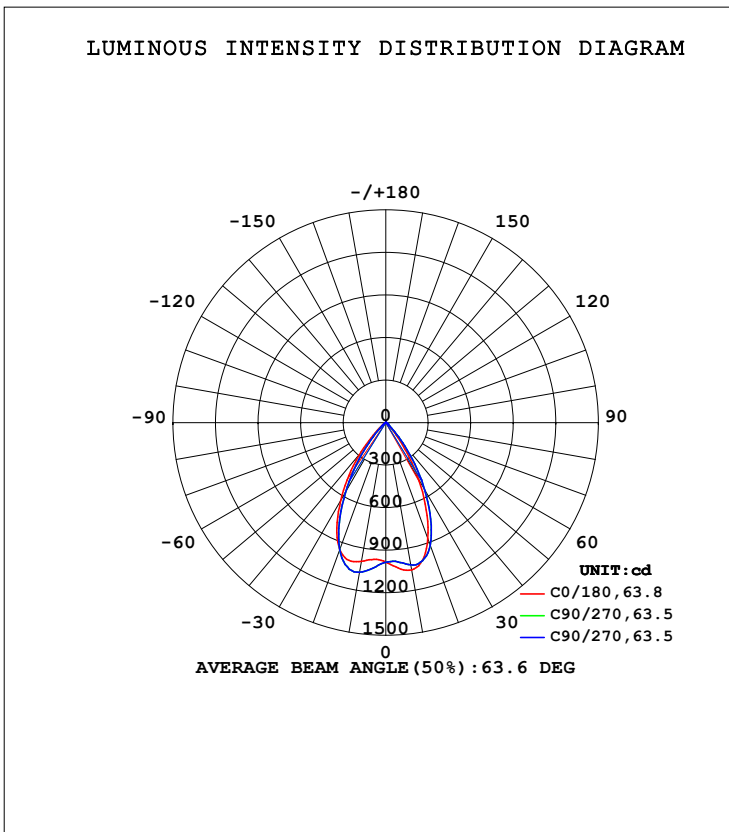


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 101.33 lm/W | | | |
|-------------------|------------------|-----------------------------------|--------|--|-----------|
| MODEL | TL10W-CC-W 4000K | I _{max} (cd) | 1075 | S/MH (C0/180) | 1.00 |
| NOMINAL POWER (W) | 10 | LOR (%) | 100.0 | S/MH (C90/270) | 0.94 |
| RATED VOLTAGE (V) | 230 | TOTAL FLUX (lm) | 1042.2 | <input type="checkbox"/> UP, DN (C0-180) | 0.0, 46.5 |
| NOMINAL FLUX (lm) | 1042.17 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.0, 53.5 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE (V) | 230 | <input type="checkbox"/> down (%) | 100.0 | CIBSE SHR MAX | 0.95 |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.690m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| mm | C0 | C90 | C180 | C270 | | | | mm | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--|--|--|---------|---------|---------|------------|
| 10 | 1054 | 1019 | 992.7 | 1071 | | | | 0- 10 | 96.82 | 96.82 | 9.29,9.29 |
| 20 | 867.4 | 918.0 | 951.6 | 951.3 | | | | 10- 20 | 283.0 | 379.8 | 36.4,36.4 |
| 30 | 467.8 | 554.5 | 637.2 | 572.1 | | | | 20- 30 | 342.3 | 722.1 | 69.3,69.3 |
| 40 | 119.1 | 186.3 | 270.8 | 189.2 | | | | 30- 40 | 224.5 | 946.6 | 90.8,90.8 |
| 50 | 22.43 | 34.55 | 53.74 | 34.44 | | | | 40- 50 | 71.66 | 1018 | 97.7,97.7 |
| 60 | 7.201 | 10.96 | 15.33 | 11.24 | | | | 50- 60 | 18.33 | 1037 | 99.5,99.5 |
| 70 | 0.0795 | 0.6122 | 2.737 | 0.5998 | | | | 60- 70 | 5.341 | 1042 | 100,100 |
| 80 | 0.0487 | 0.0427 | 0.0426 | 0.0551 | | | | 70- 80 | 0.2093 | 1042 | 100,100 |
| 90 | 0.0486 | 0.0427 | 0.0426 | 0.0427 | | | | 80- 90 | 0.0499 | 1042 | 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): 995.32 lm

%lum = 95.5%

%lamp = 95.5%

Conical surface Flux(120deg): 1036.6 lm

%lum = 99.5%

%lamp = 99.5%

0 - 45 DEG Zonal Flux:995.32 %lum: 95.5%

0 - 60 DEG Zonal Flux:1036.6 %lum: 99.5%

All measured values may vary less than 35 %
from the average measured value in the 0 to 130 deg. zone: 7.4%

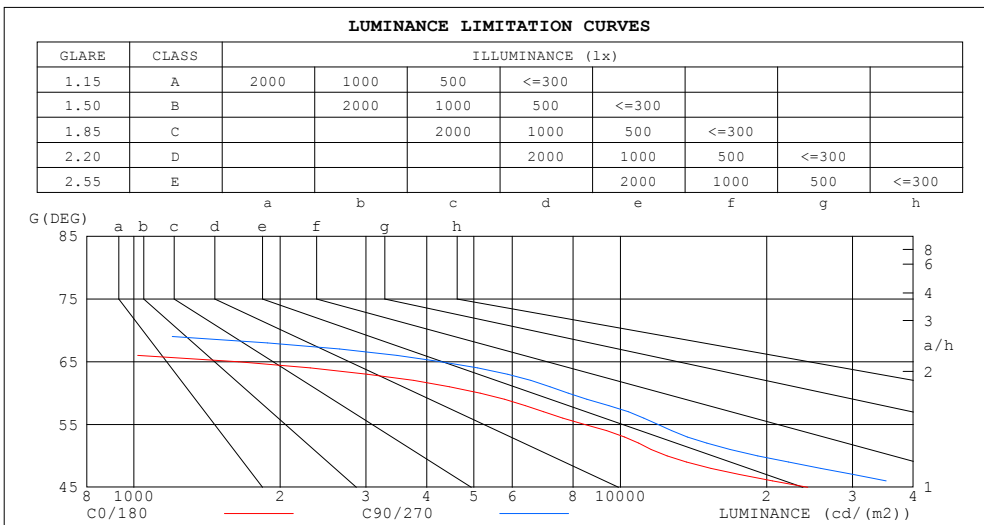
All measured values in the 0 to 130 deg. zone
may vary less than 50% from the average value of itself: 10.7%

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-07-14

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 200 | 175 |
| 80 | 100 | 88 |
| 75 | 76 | 59 |
| 70 | 83 | 638 |
| 65 | 1644 | 4287 |
| 60 | 5154 | 7812 |
| 55 | 8462 | 11958 |
| 50 | 12490 | 19157 |
| 45 | 24298 | 40972 |

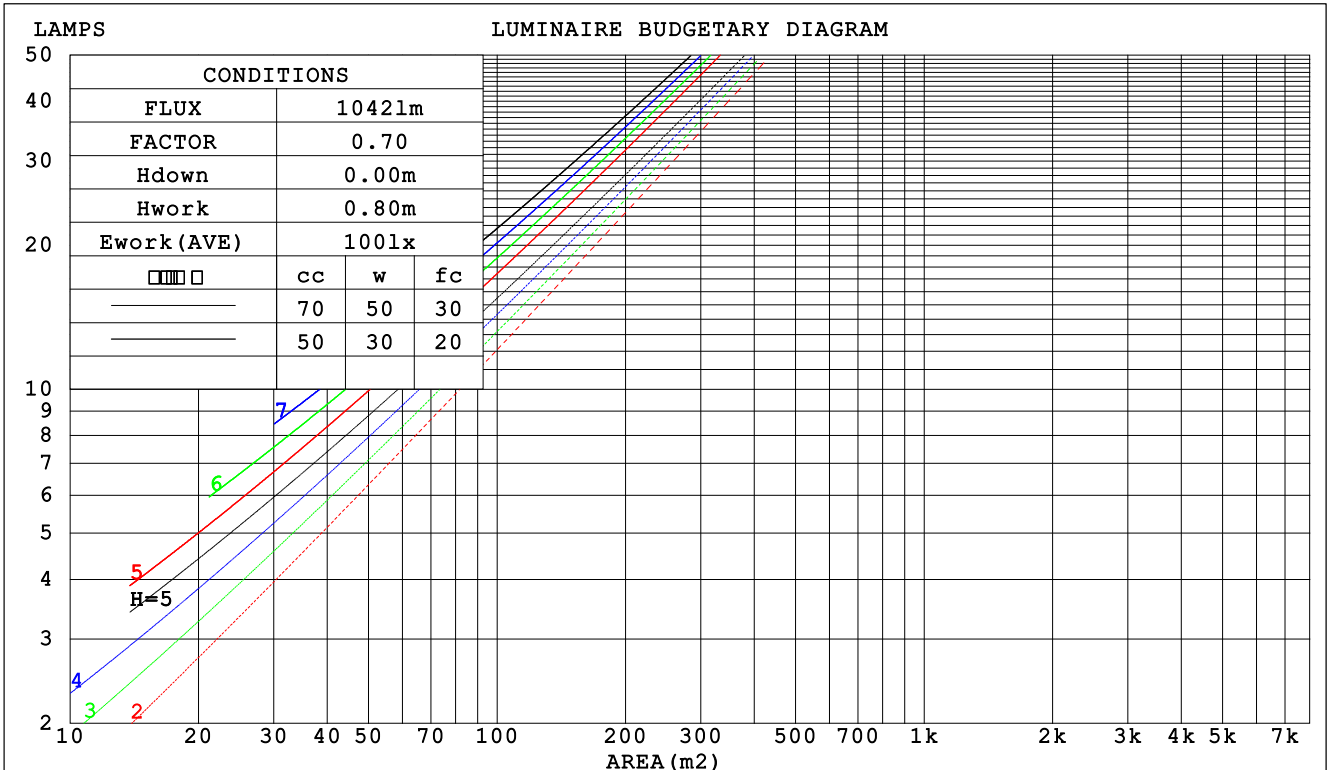
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|
| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □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 | 1.00 |
| 1.0 | 1.11 | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.03 | 1.01 | 1.01 | .99 | .98 | .97 | .96 | .95 | .93 |
| 2.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .98 | .95 | .92 | .95 | .92 | .90 | .92 | .90 | .88 | .87 |
| 3.0 | .96 | .90 | .86 | .94 | .89 | .86 | .92 | .88 | .84 | .89 | .86 | .83 | .87 | .84 | .82 | .80 |
| 4.0 | .89 | .83 | .79 | .88 | .83 | .79 | .86 | .81 | .78 | .84 | .80 | .77 | .82 | .79 | .76 | .74 |
| 5.0 | .83 | .77 | .73 | .82 | .77 | .73 | .80 | .76 | .72 | .79 | .75 | .71 | .77 | .74 | .71 | .69 |
| 6.0 | .78 | .72 | .67 | .77 | .71 | .67 | .76 | .70 | .67 | .74 | .70 | .66 | .73 | .69 | .66 | .64 |
| 7.0 | .73 | .67 | .63 | .72 | .67 | .62 | .71 | .66 | .62 | .70 | .65 | .62 | .69 | .65 | .61 | .60 |
| 8.0 | .69 | .63 | .58 | .68 | .62 | .58 | .67 | .62 | .58 | .66 | .61 | .58 | .65 | .61 | .58 | .56 |
| 9.0 | .65 | .59 | .55 | .64 | .58 | .55 | .63 | .58 | .54 | .62 | .58 | .54 | .62 | .57 | .54 | .53 |
| 10.0 | .61 | .55 | .51 | .61 | .55 | .51 | .60 | .55 | .51 | .59 | .54 | .51 | .58 | .54 | .51 | .49 |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------------------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | Wall Exitance Coefficients (WEC) | | | |
| 0.0 | | | | | | |
| 1.0 | .181 .103 .033 | .174 .099 .032 | .161 .093 .030 | .150 .086 .028 | .139 .081 .026 | |
| 2.0 | .174 .095 .029 | .168 .093 .029 | .158 .088 .027 | .148 .083 .026 | .139 .079 .025 | |
| 3.0 | .166 .088 .027 | .161 .086 .026 | .152 .083 .025 | .144 .079 .024 | .136 .075 .023 | |
| 4.0 | .159 .082 .024 | .155 .081 .024 | .147 .078 .023 | .139 .075 .023 | .133 .072 .022 | |
| 5.0 | .151 .077 .022 | .148 .076 .022 | .141 .073 .022 | .135 .071 .021 | .129 .069 .021 | |
| 6.0 | .145 .073 .021 | .141 .071 .021 | .135 .069 .020 | .130 .067 .020 | .124 .066 .019 | |
| 7.0 | .138 .068 .019 | .136 .068 .019 | .130 .066 .019 | .125 .064 .019 | .120 .063 .018 | |
| 8.0 | .132 .065 .018 | .130 .064 .018 | .125 .062 .018 | .121 .061 .018 | .116 .060 .017 | |
| 9.0 | .127 .061 .017 | .125 .061 .017 | .120 .059 .017 | .116 .058 .017 | .112 .057 .016 | |
| 10.0 | .122 .058 .016 | .120 .058 .016 | .116 .057 .016 | .112 .056 .016 | .109 .055 .016 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|---|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> 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 | .171 .157 .145 | .147 .135 .124 | .100 .093 .086 | .058 .054 .050 | .018 .017 .016 | |
| 2.0 | .157 .132 .112 | .134 .114 .097 | .092 .079 .068 | .053 .046 .040 | .017 .015 .013 | |
| 3.0 | .145 .114 .089 | .124 .098 .077 | .085 .068 .054 | .049 .040 .032 | .016 .013 .010 | |
| 4.0 | .135 .099 .072 | .115 .086 .062 | .079 .060 .044 | .046 .035 .026 | .015 .011 .009 | |
| 5.0 | .126 .087 .059 | .108 .076 .051 | .075 .053 .036 | .043 .031 .021 | .014 .010 .007 | |
| 6.0 | .119 .078 .049 | .102 .068 .043 | .071 .047 .030 | .041 .028 .018 | .013 .009 .006 | |
| 7.0 | .113 .071 .041 | .097 .061 .036 | .067 .043 .026 | .039 .025 .015 | .013 .008 .005 | |
| 8.0 | .107 .065 .035 | .092 .056 .031 | .064 .039 .022 | .037 .023 .013 | .012 .008 .004 | |
| 9.0 | .102 .059 .031 | .088 .052 .027 | .061 .036 .019 | .035 .021 .011 | .011 .007 .004 | |
| 10.0 | .097 .055 .027 | .084 .048 .024 | .058 .034 .017 | .034 .020 .010 | .011 .007 .003 | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | 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 | 19.7 | 20.7 | 19.9 | 20.8 | 21.0 | 20.9 | 21.9 | 21.2 | 22.1 | 22.3 |
| 3H | 19.5 | 20.4 | 19.8 | 20.6 | 20.8 | 20.8 | 21.7 | 21.0 | 21.9 | 22.1 |
| 4H | 19.4 | 20.3 | 19.7 | 20.5 | 20.7 | 20.7 | 21.5 | 21.0 | 21.8 | 22.0 |
| 6H | 19.3 | 20.1 | 19.6 | 20.4 | 20.6 | 20.6 | 21.4 | 20.9 | 21.6 | 21.9 |
| 8H | 19.3 | 20.1 | 19.6 | 20.3 | 20.6 | 20.6 | 21.3 | 20.9 | 21.6 | 21.8 |
| 12H | 19.2 | 20.0 | 19.6 | 20.2 | 20.5 | 20.5 | 21.2 | 20.8 | 21.5 | 21.8 |
| 4H 2H | 19.5 | 20.3 | 19.7 | 20.5 | 20.8 | 20.7 | 21.6 | 21.0 | 21.8 | 22.0 |
| 3H | 19.3 | 20.0 | 19.6 | 20.3 | 20.6 | 20.5 | 21.3 | 20.9 | 21.5 | 21.8 |
| 4H | 19.2 | 19.8 | 19.5 | 20.1 | 20.5 | 20.4 | 21.1 | 20.8 | 21.4 | 21.7 |
| 6H | 19.1 | 19.7 | 19.5 | 20.0 | 20.4 | 20.3 | 20.9 | 20.7 | 21.3 | 21.6 |
| 8H | 19.0 | 19.6 | 19.4 | 19.9 | 20.3 | 20.3 | 20.8 | 20.7 | 21.2 | 21.6 |
| 12H | 19.0 | 19.5 | 19.4 | 19.9 | 20.2 | 20.2 | 20.7 | 20.7 | 21.1 | 21.5 |
| 8H 4H | 19.0 | 19.6 | 19.4 | 19.9 | 20.3 | 20.3 | 20.8 | 20.7 | 21.2 | 21.6 |
| 6H | 18.9 | 19.4 | 19.4 | 19.8 | 20.2 | 20.2 | 20.6 | 20.6 | 21.0 | 21.4 |
| 8H | 18.9 | 19.3 | 19.3 | 19.7 | 20.1 | 20.1 | 20.5 | 20.6 | 20.9 | 21.4 |
| 12H | 18.8 | 19.2 | 19.3 | 19.6 | 20.1 | 20.1 | 20.4 | 20.6 | 20.9 | 21.3 |
| 12H 4H | 19.0 | 19.5 | 19.4 | 19.9 | 20.2 | 20.2 | 20.7 | 20.7 | 21.1 | 21.5 |
| 6H | 18.9 | 19.3 | 19.3 | 19.7 | 20.1 | 20.1 | 20.5 | 20.6 | 20.9 | 21.4 |
| 8H | 18.8 | 19.2 | 19.3 | 19.6 | 20.1 | 20.1 | 20.4 | 20.6 | 20.9 | 21.3 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 2.9 / - 9.6 | | | | | + 3.6 / - 9.2 | | | | |
| 1.5H | + 5.0 / - 6.4 | | | | | + 5.7 / - 7.5 | | | | |
| 2.0H | + 4.7 / - 6.3 | | | | | + 6.2 / - 6.7 | | | | |

CIE Pub.117, 1042 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)
Area: 0.0028 m2

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

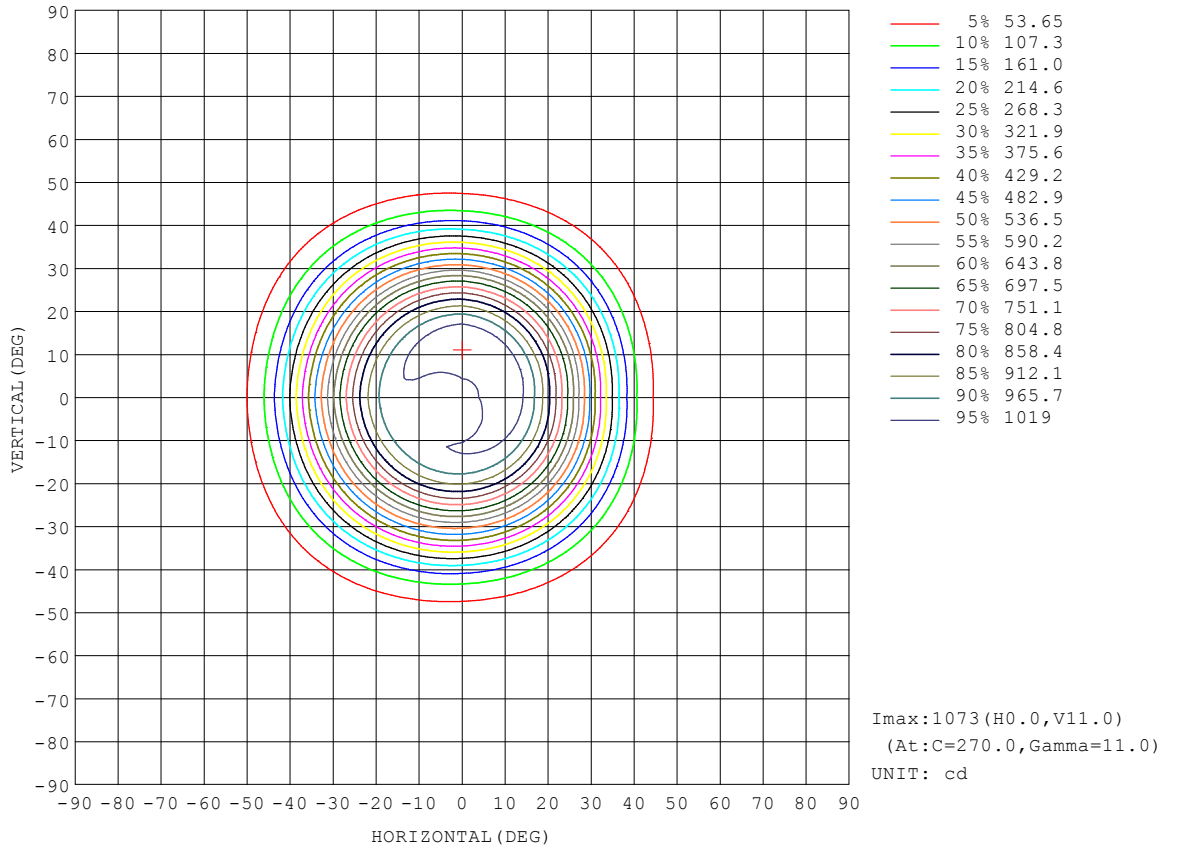
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 86 | 79 | 75 | 85 | 79 | 75 | 84 | 79 | 75 | 71 |
| 0.80 | 93 | 87 | 83 | 93 | 87 | 83 | 92 | 86 | 83 | 79 |
| 1.00 | 98 | 93 | 89 | 97 | 92 | 88 | 96 | 92 | 88 | 84 |
| 1.25 | 103 | 97 | 94 | 102 | 97 | 93 | 100 | 95 | 92 | 88 |
| 1.50 | 105 | 101 | 97 | 104 | 100 | 97 | 102 | 98 | 96 | 91 |
| 2.00 | 108 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 98 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 102 | 100 | 94 |
| 3.00 | 112 | 108 | 105 | 110 | 107 | 104 | 106 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 104 | 97 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 107 | 106 | 98 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

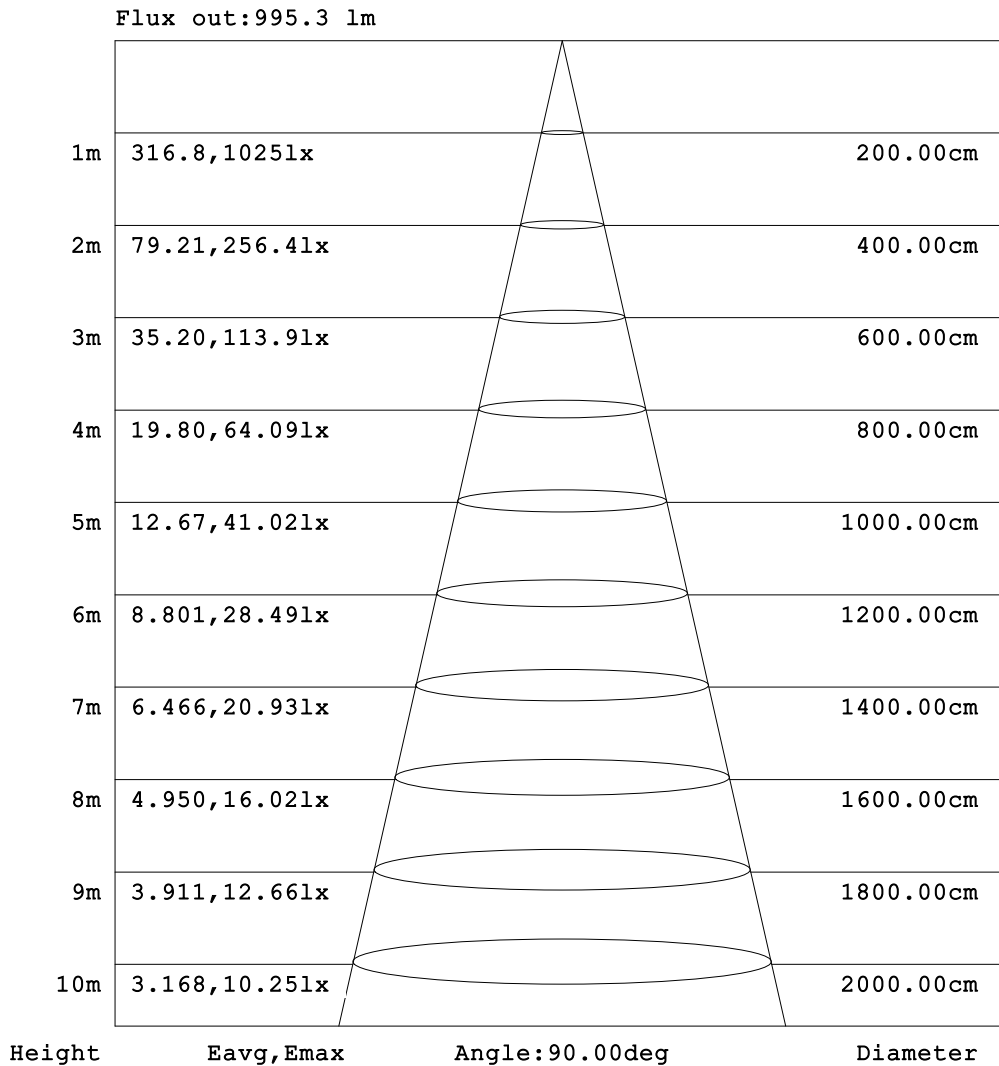


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |



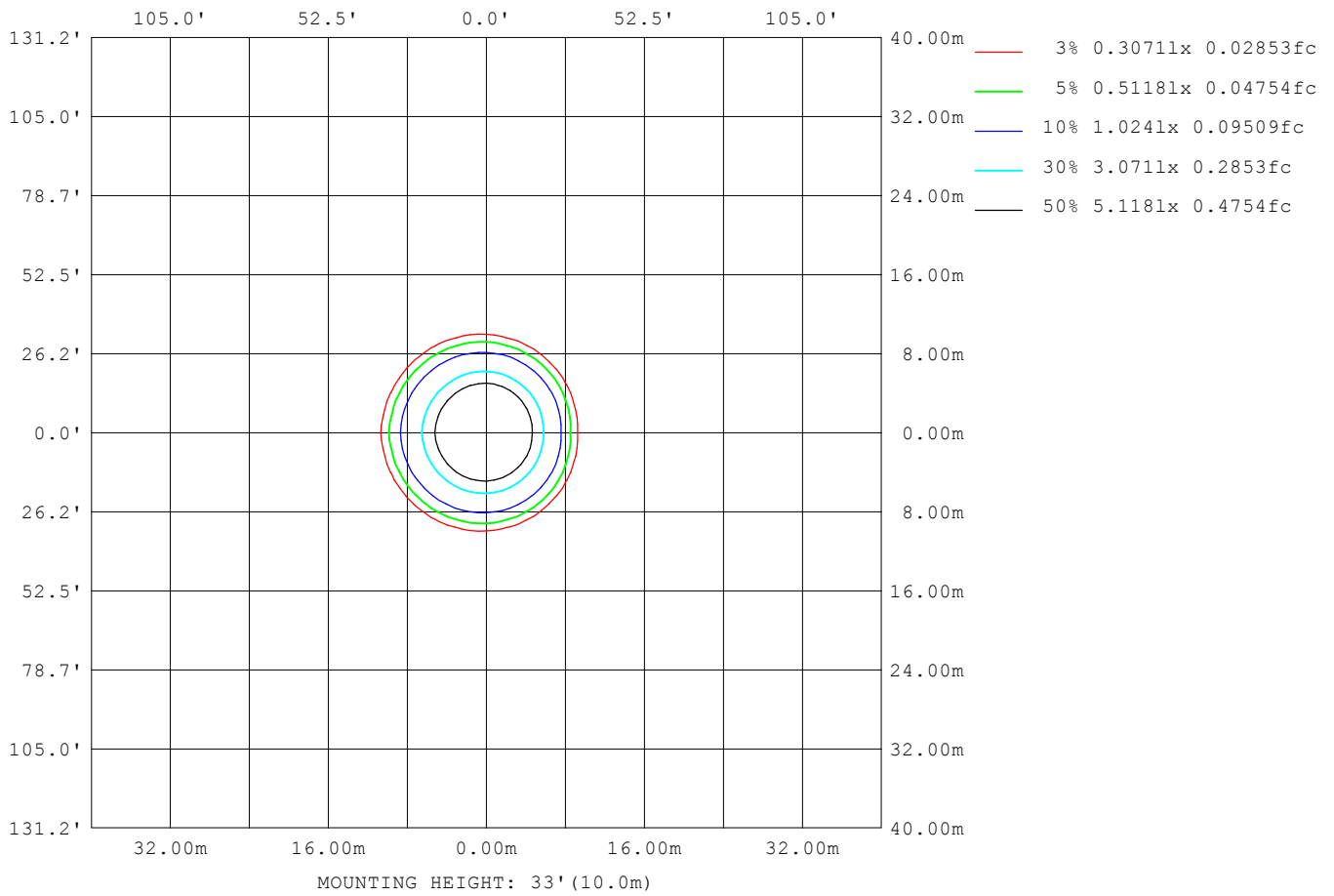
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

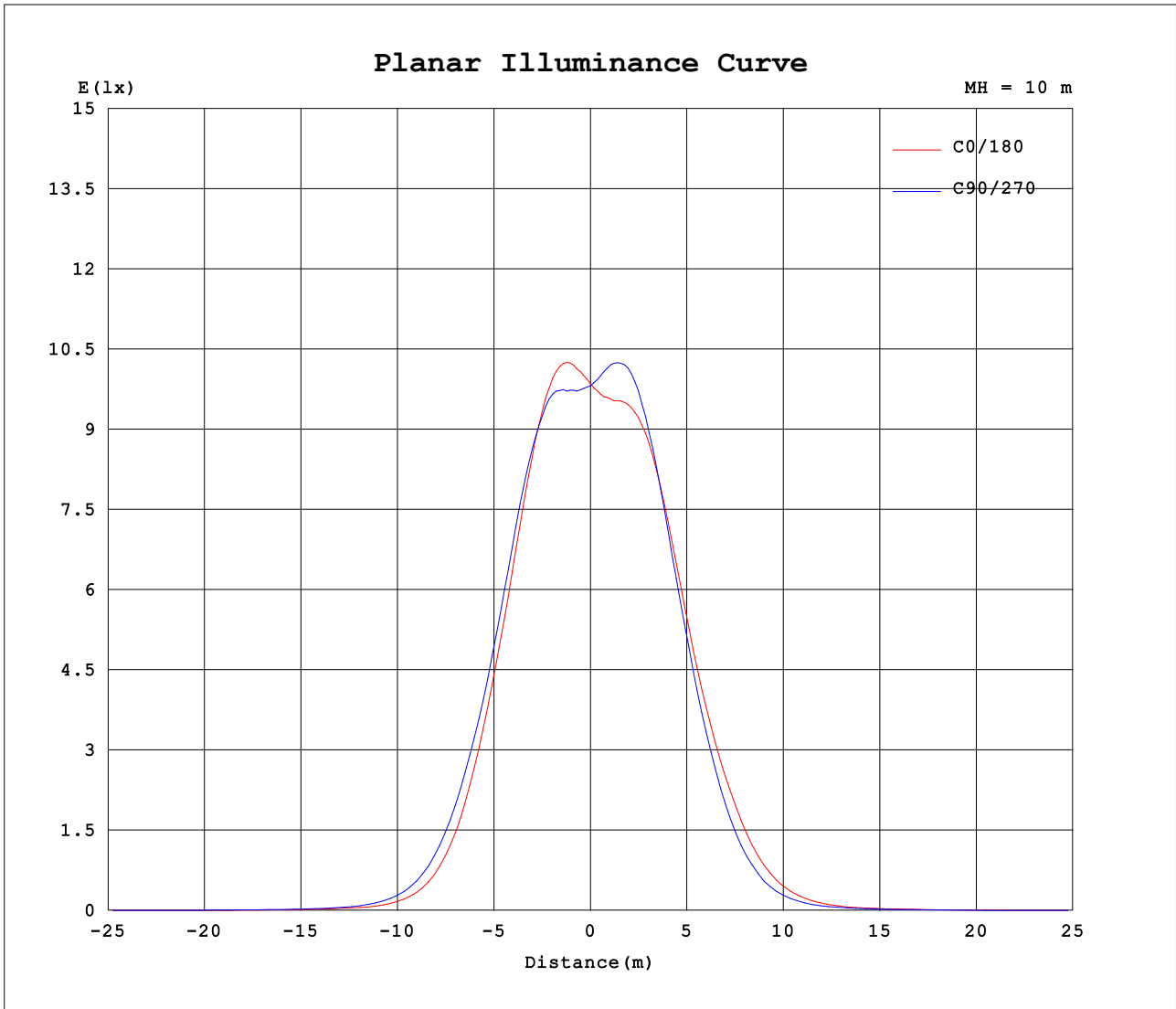
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 4369 |
| L_0~180 (75) av | 67 |
| L_0~180 (85) av | 187 |
| L_90~270 (65) av | 4364 |
| L_90~270 (75) av | 76 |
| L_90~270 (85) av | 188 |
| L_45 (65) av | 4536 |
| L_45 (75) av | 72 |
| L_45 (85) av | 187 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.690m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------|------------------|
| Test:U:230.00V I:0.0480A P:10.285W PF:0.9104 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1042.17x1 lm | | |
| NAME: TL10W-CC-W 4000K | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: 1 |
| MFR.: | SUR.: 0.0028 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) \ φ (DEG) | 0 | 90 | 180 | 270 | | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 984 | 984 | 984 | 984 | | | | | | | | | | | | | | | |
| 5 | 1030 | 986 | 969 | 1028 | | | | | | | | | | | | | | | |
| 10 | 1054 | 1019 | 993 | 1071 | | | | | | | | | | | | | | | |
| 15 | 1004 | 1008 | 1005 | 1053 | | | | | | | | | | | | | | | |
| 20 | 867 | 918 | 952 | 951 | | | | | | | | | | | | | | | |
| 25 | 678 | 750 | 819 | 779 | | | | | | | | | | | | | | | |
| 30 | 468 | 555 | 637 | 572 | | | | | | | | | | | | | | | |
| 35 | 264 | 359 | 455 | 363 | | | | | | | | | | | | | | | |
| 40 | 119 | 186 | 271 | 189 | | | | | | | | | | | | | | | |
| 45 | 48.0 | 81.3 | 129 | 81.0 | | | | | | | | | | | | | | | |
| 50 | 22.4 | 34.6 | 53.7 | 34.4 | | | | | | | | | | | | | | | |
| 55 | 13.6 | 19.2 | 24.5 | 19.7 | | | | | | | | | | | | | | | |
| 60 | 7.20 | 11.0 | 15.3 | 11.2 | | | | | | | | | | | | | | | |
| 65 | 1.94 | 5.08 | 8.40 | 5.25 | | | | | | | | | | | | | | | |
| 70 | 0.08 | 0.61 | 2.74 | 0.60 | | | | | | | | | | | | | | | |
| 75 | 0.05 | 0.04 | 0.04 | 0.07 | | | | | | | | | | | | | | | |
| 80 | 0.05 | 0.04 | 0.04 | 0.06 | | | | | | | | | | | | | | | |
| 85 | 0.05 | 0.04 | 0.04 | 0.05 | | | | | | | | | | | | | | | |
| 90 | 0.05 | 0.04 | 0.04 | 0.04 | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-07-14

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks: