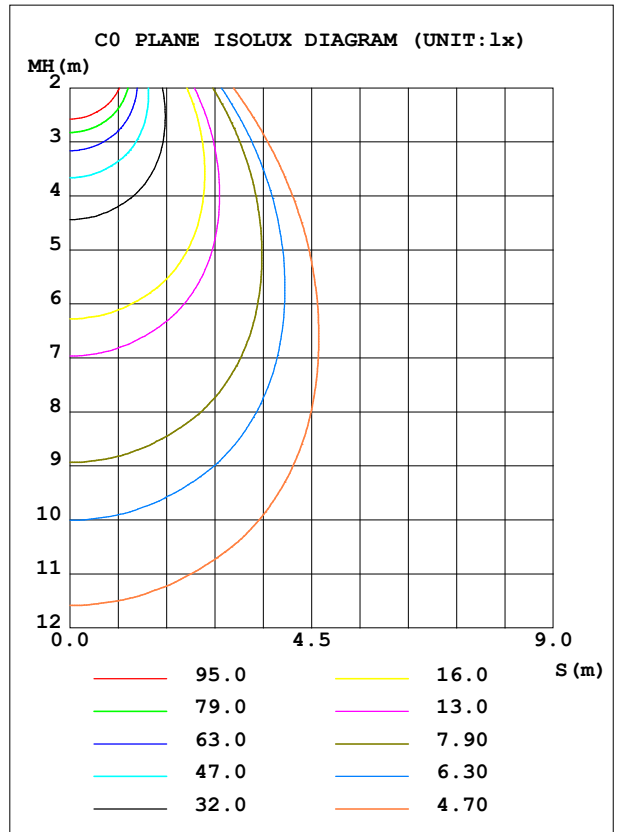
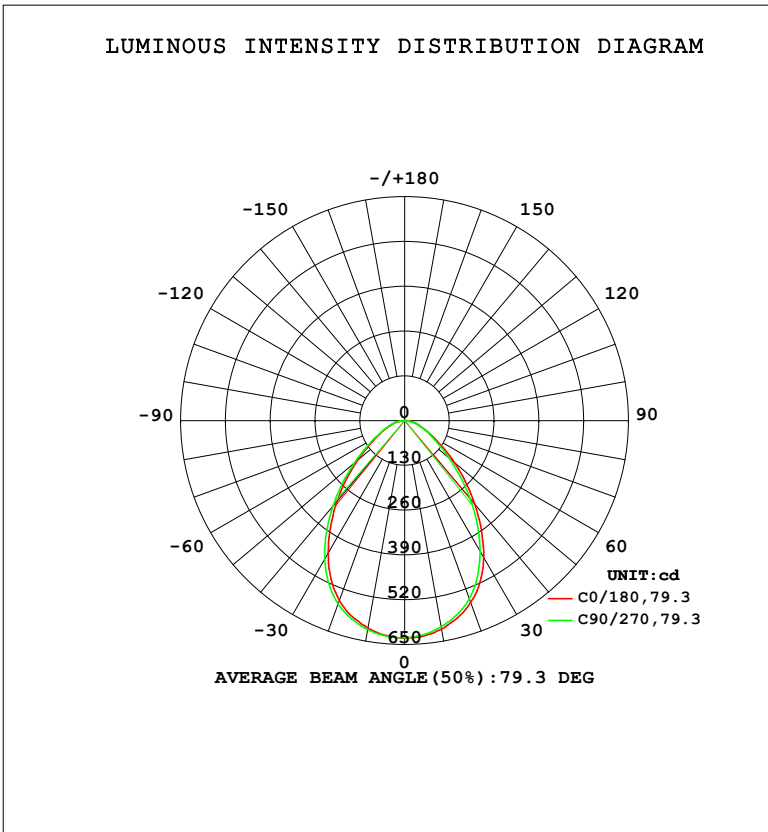


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|-------------------|--------------------|-----------------------------------|--------|--|----------|
| MODEL | DL254-4-16W-M-A5C5 | Imax (cd) | 631.5 | S/MH (C0/180) | 1.09 |
| NOMINAL POWER (W) | 10 | LOR (%) | 100.0 | S/MH (C90/270) | 1.08 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 1116.4 | <input type="checkbox"/> UP, DN (C0-180) | 0.0,51.0 |
| NOMINAL FLUX (lm) | 1116.37 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.0,49.0 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 0.0 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE (V) | 120 | <input type="checkbox"/> down (%) | 100.0 | CIBSE SHR MAX | 1.15 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 611.7 | 614.0 | 616.4 | 616.9 | 614.9 | 611.2 | 607.8 | 606.6 | 0- 10 | 59.30 | 59.30 | 5.31,5.31 |
| 20 | 555.7 | 559.1 | 566.1 | 565.6 | 561.0 | 555.4 | 549.5 | 549.0 | 10- 20 | 165.9 | 225.2 | 20.2,20.2 |
| 30 | 444.5 | 455.4 | 464.7 | 470.5 | 459.3 | 447.2 | 438.4 | 438.9 | 20- 30 | 234.2 | 459.5 | 41.2,41.2 |
| 40 | 305.2 | 319.1 | 324.6 | 329.3 | 316.6 | 306.0 | 295.8 | 288.0 | 30- 40 | 238.5 | 697.9 | 62.5,62.5 |
| 50 | 177.6 | 187.2 | 191.1 | 187.1 | 188.1 | 179.4 | 168.7 | 164.3 | 40- 50 | 186.4 | 884.4 | 79.2,79.2 |
| 60 | 91.93 | 96.17 | 97.66 | 95.60 | 95.66 | 96.07 | 88.93 | 89.77 | 50- 60 | 118.5 | 1003 | 89.8,89.8 |
| 70 | 48.78 | 49.46 | 50.05 | 49.96 | 49.24 | 49.00 | 48.47 | 48.07 | 60- 70 | 68.34 | 1071 | 96,96 |
| 80 | 20.53 | 21.03 | 20.62 | 21.65 | 21.62 | 20.71 | 18.83 | 20.23 | 70- 80 | 36.72 | 1108 | 99.2,99.2 |
| 90 | 0.3343 | 0.3146 | 0.2819 | 0.2819 | 0.5662 | 0.5113 | 0.5376 | 0.5113 | 80- 90 | 8.430 | 1116 | 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): 799.67 lm

%lum = 71.6%

%lamp = 71.6%

Conical surface Flux(130deg): 1041.9 lm

%lum = 93.3%

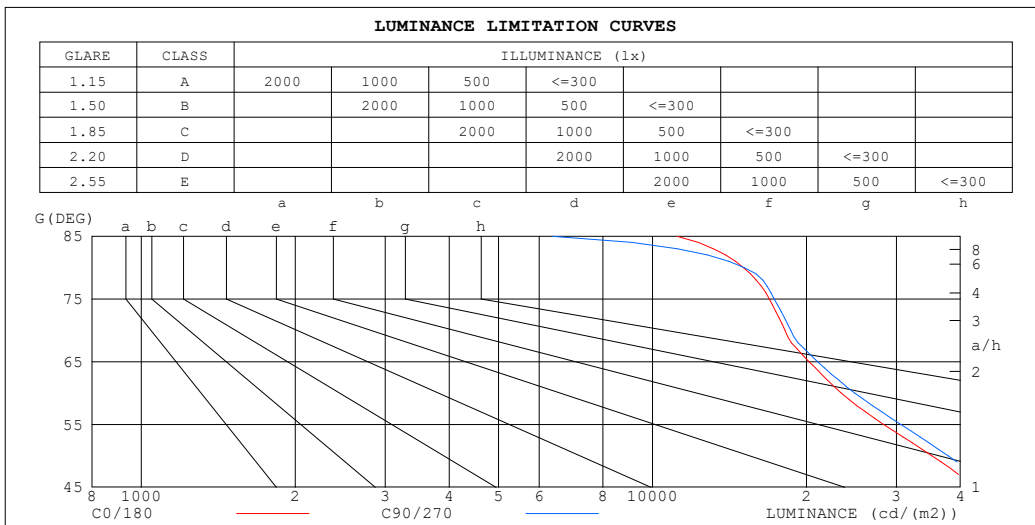
%lamp = 93.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 11176 | 6367 |
| 80 | 15063 | 15125 |
| 75 | 16928 | 17304 |
| 70 | 18167 | 18642 |
| 65 | 20252 | 21029 |
| 60 | 23421 | 24880 |
| 55 | 28333 | 30625 |
| 50 | 35206 | 37871 |
| 45 | 42873 | 45685 |

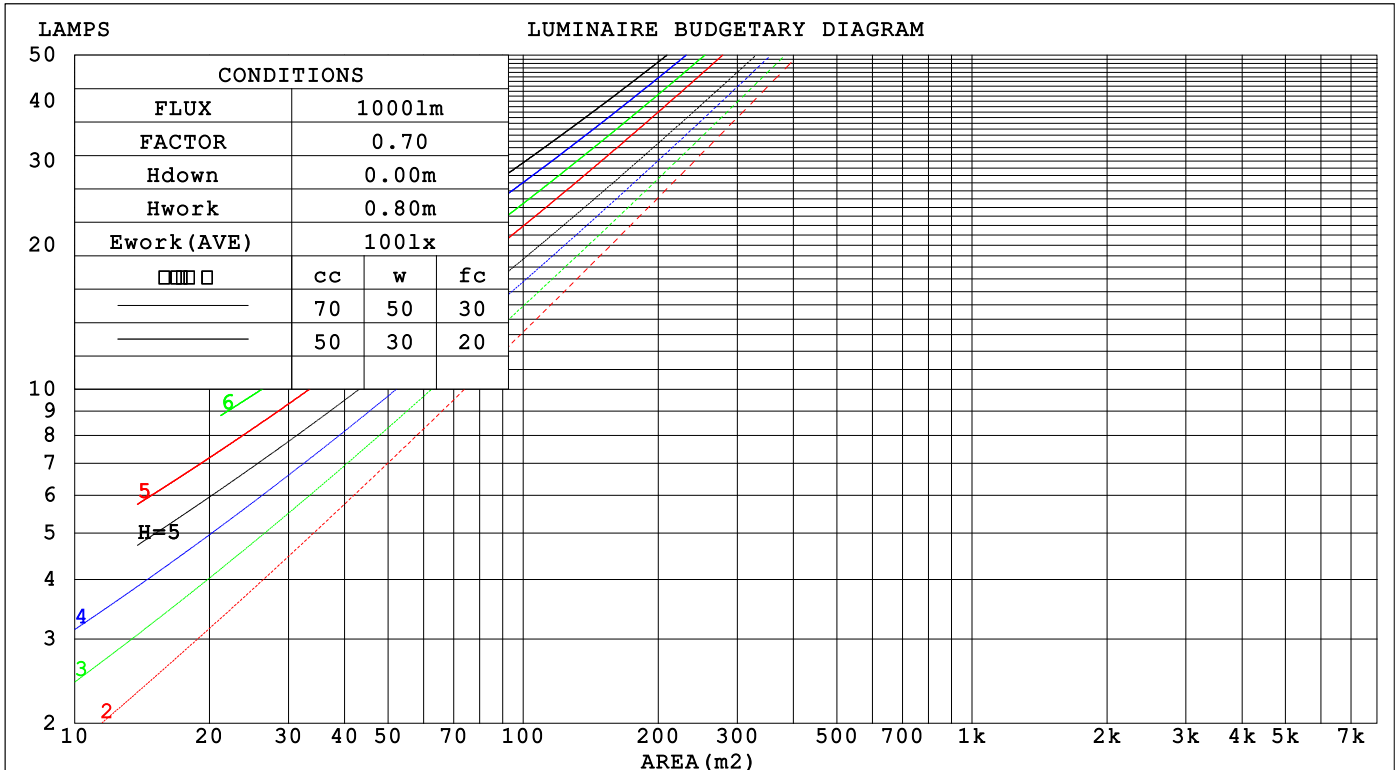
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz | | |
| UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | 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 | 1.07 | 1.04 | 1.00 | 1.05 | 1.02 | .99 | 1.01 | .98 | .96 | .97 | .95 | .93 | .93 | .92 | .90 | .88 |
| 2.0 | .96 | .90 | .86 | .94 | .89 | .85 | .91 | .86 | .83 | .88 | .84 | .81 | .85 | .82 | .79 | .77 |
| 3.0 | .86 | .79 | .74 | .85 | .78 | .73 | .82 | .77 | .72 | .79 | .75 | .71 | .77 | .73 | .70 | .68 |
| 4.0 | .78 | .71 | .65 | .77 | .70 | .64 | .74 | .68 | .64 | .72 | .67 | .63 | .70 | .66 | .62 | .60 |
| 5.0 | .71 | .63 | .57 | .70 | .63 | .57 | .68 | .62 | .57 | .66 | .60 | .56 | .64 | .59 | .55 | .54 |
| 6.0 | .65 | .57 | .51 | .64 | .57 | .51 | .62 | .56 | .51 | .61 | .55 | .50 | .59 | .54 | .50 | .48 |
| 7.0 | .60 | .52 | .46 | .59 | .51 | .46 | .57 | .51 | .46 | .56 | .50 | .46 | .55 | .49 | .45 | .44 |
| 8.0 | .55 | .47 | .42 | .54 | .47 | .42 | .53 | .47 | .42 | .52 | .46 | .42 | .51 | .45 | .41 | .40 |
| 9.0 | .51 | .44 | .39 | .50 | .43 | .38 | .49 | .43 | .38 | .48 | .42 | .38 | .47 | .42 | .38 | .36 |
| 10.0 | .47 | .40 | .35 | .47 | .40 | .35 | .46 | .40 | .35 | .45 | .39 | .35 | .44 | .39 | .35 | .33 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | 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 | .250 | .142 | .045 | .243 | .139 | .044 | .230 | .132 | .042 | .218 | .126 | .040 | .207 | .120 | .039 | |
| 2.0 | .239 | .131 | .040 | .233 | .129 | .040 | .222 | .124 | .038 | .212 | .119 | .037 | .202 | .114 | .036 | |
| 3.0 | .225 | .120 | .036 | .220 | .118 | .036 | .210 | .114 | .035 | .201 | .110 | .034 | .193 | .107 | .033 | |
| 4.0 | .212 | .110 | .032 | .207 | .108 | .032 | .198 | .105 | .031 | .190 | .102 | .031 | .183 | .099 | .030 | |
| 5.0 | .198 | .101 | .029 | .194 | .100 | .029 | .187 | .097 | .029 | .180 | .095 | .028 | .173 | .092 | .028 | |
| 6.0 | .186 | .093 | .027 | .183 | .092 | .027 | .176 | .090 | .026 | .170 | .088 | .026 | .164 | .086 | .026 | |
| 7.0 | .175 | .087 | .025 | .172 | .086 | .024 | .166 | .084 | .024 | .161 | .082 | .024 | .155 | .081 | .024 | |
| 8.0 | .166 | .081 | .023 | .163 | .080 | .023 | .157 | .079 | .022 | .152 | .077 | .022 | .147 | .076 | .022 | |
| 9.0 | .156 | .076 | .021 | .154 | .075 | .021 | .149 | .074 | .021 | .144 | .072 | .021 | .140 | .071 | .021 | |
| 10.0 | .148 | .071 | .020 | .146 | .071 | .020 | .142 | .069 | .020 | .137 | .068 | .019 | .133 | .067 | .019 | |

| | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| <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 | | | | | | | | | | | | | | | | |
| 1.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 2.0 | .176 | .157 | .139 | .151 | .134 | .120 | .103 | .093 | .083 | .059 | .054 | .048 | .019 | .017 | .016 | |
| 3.0 | .165 | .132 | .104 | .142 | .114 | .090 | .097 | .079 | .063 | .056 | .046 | .037 | .018 | .015 | .012 | |
| 4.0 | .156 | .114 | .081 | .134 | .098 | .070 | .092 | .068 | .049 | .053 | .040 | .029 | .017 | .013 | .009 | |
| 5.0 | .148 | .100 | .064 | .127 | .087 | .056 | .087 | .060 | .039 | .050 | .035 | .023 | .016 | .012 | .008 | |
| 6.0 | .140 | .089 | .052 | .120 | .077 | .045 | .083 | .054 | .032 | .048 | .032 | .019 | .015 | .010 | .006 | |
| 7.0 | .133 | .081 | .043 | .114 | .070 | .037 | .079 | .049 | .027 | .046 | .029 | .016 | .015 | .009 | .005 | |
| 8.0 | .127 | .074 | .036 | .109 | .064 | .032 | .075 | .045 | .022 | .044 | .026 | .013 | .014 | .009 | .004 | |
| 9.0 | .121 | .068 | .031 | .104 | .059 | .027 | .072 | .041 | .019 | .042 | .024 | .012 | .014 | .008 | .004 | |
| 10.0 | .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 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | 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 | 23.7 | 25.0 | 24.0 | 25.2 | 25.4 | 24.0 | 25.3 | 24.3 | 25.5 | 25.7 |
| 3H | 24.4 | 25.6 | 24.7 | 25.8 | 26.0 | 24.6 | 25.8 | 24.9 | 26.1 | 26.3 |
| 4H | 24.7 | 25.8 | 25.0 | 26.1 | 26.3 | 24.9 | 26.1 | 25.2 | 26.3 | 26.5 |
| 6H | 24.9 | 26.0 | 25.3 | 26.3 | 26.5 | 25.2 | 26.2 | 25.5 | 26.5 | 26.7 |
| 8H | 25.0 | 26.0 | 25.3 | 26.3 | 26.6 | 25.2 | 26.2 | 25.5 | 26.5 | 26.8 |
| 12H | 25.0 | 26.0 | 25.4 | 26.3 | 26.6 | 25.2 | 26.2 | 25.5 | 26.5 | 26.7 |
| 4H 2H | 24.0 | 25.1 | 24.3 | 25.4 | 25.6 | 24.2 | 25.3 | 24.5 | 25.6 | 25.8 |
| 3H | 24.8 | 25.8 | 25.2 | 26.1 | 26.4 | 25.0 | 26.0 | 25.4 | 26.3 | 26.6 |
| 4H | 25.3 | 26.2 | 25.6 | 26.5 | 26.8 | 25.5 | 26.4 | 25.8 | 26.7 | 27.0 |
| 6H | 25.6 | 26.4 | 26.0 | 26.8 | 27.1 | 25.8 | 26.6 | 26.2 | 26.9 | 27.3 |
| 8H | 25.8 | 26.5 | 26.2 | 26.8 | 27.2 | 25.9 | 26.6 | 26.3 | 27.0 | 27.4 |
| 12H | 25.8 | 26.5 | 26.2 | 26.9 | 27.3 | 25.9 | 26.6 | 26.3 | 27.0 | 27.4 |
| 8H 4H | 25.4 | 26.2 | 25.8 | 26.5 | 26.9 | 25.6 | 26.3 | 26.0 | 26.7 | 27.1 |
| 6H | 25.9 | 26.5 | 26.3 | 26.9 | 27.3 | 26.1 | 26.7 | 26.5 | 27.1 | 27.5 |
| 8H | 26.1 | 26.6 | 26.5 | 27.0 | 27.5 | 26.2 | 26.7 | 26.6 | 27.1 | 27.6 |
| 12H | 26.2 | 26.7 | 26.7 | 27.1 | 27.6 | 26.2 | 26.7 | 26.7 | 27.1 | 27.6 |
| 12H 4H | 25.4 | 26.1 | 25.8 | 26.5 | 26.9 | 25.6 | 26.3 | 26.0 | 26.6 | 27.0 |
| 6H | 25.9 | 26.5 | 26.4 | 26.9 | 27.3 | 26.1 | 26.6 | 26.5 | 27.0 | 27.5 |
| 8H | 26.1 | 26.6 | 26.6 | 27.0 | 27.5 | 26.2 | 26.7 | 26.7 | 27.1 | 27.6 |

| | | |
|---|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): | | |
| S = 1.0H | + 0.5 / - 0.6 | + 0.5 / - 0.6 |
| 1.5H | + 0.3 / - 0.4 | + 0.3 / - 0.3 |
| 2.0H | + 1.1 / - 0.8 | + 1.2 / - 0.9 |

CIE Pub.117, 1116 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.4)
Area: 0.00785 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:9.680m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |

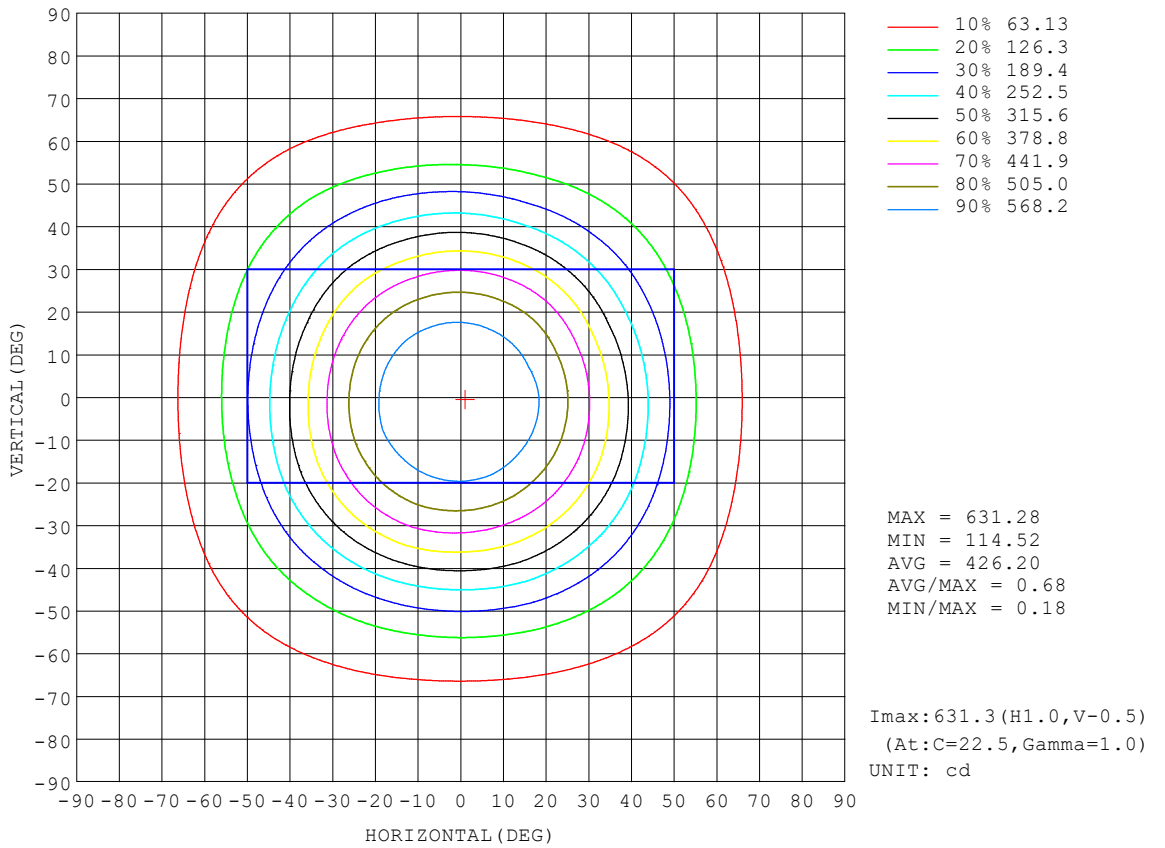
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 68 | 58 | 52 | 67 | 58 | 52 | 66 | 58 | 52 | 47 |
| 0.80 | 78 | 68 | 62 | 77 | 68 | 62 | 75 | 67 | 62 | 56 |
| 1.00 | 85 | 76 | 70 | 84 | 76 | 70 | 82 | 76 | 70 | 64 |
| 1.25 | 91 | 83 | 77 | 90 | 82 | 77 | 88 | 81 | 76 | 70 |
| 1.50 | 96 | 88 | 82 | 94 | 87 | 82 | 91 | 85 | 81 | 74 |
| 2.00 | 101 | 94 | 89 | 99 | 93 | 88 | 96 | 91 | 87 | 80 |
| 2.50 | 104 | 98 | 93 | 102 | 96 | 92 | 98 | 94 | 90 | 83 |
| 3.00 | 106 | 101 | 97 | 104 | 100 | 96 | 101 | 97 | 93 | 86 |
| 4.00 | 109 | 105 | 101 | 107 | 103 | 100 | 103 | 100 | 97 | 89 |
| 5.00 | 111 | 108 | 104 | 109 | 106 | 103 | 105 | 102 | 100 | 91 |
| 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:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |

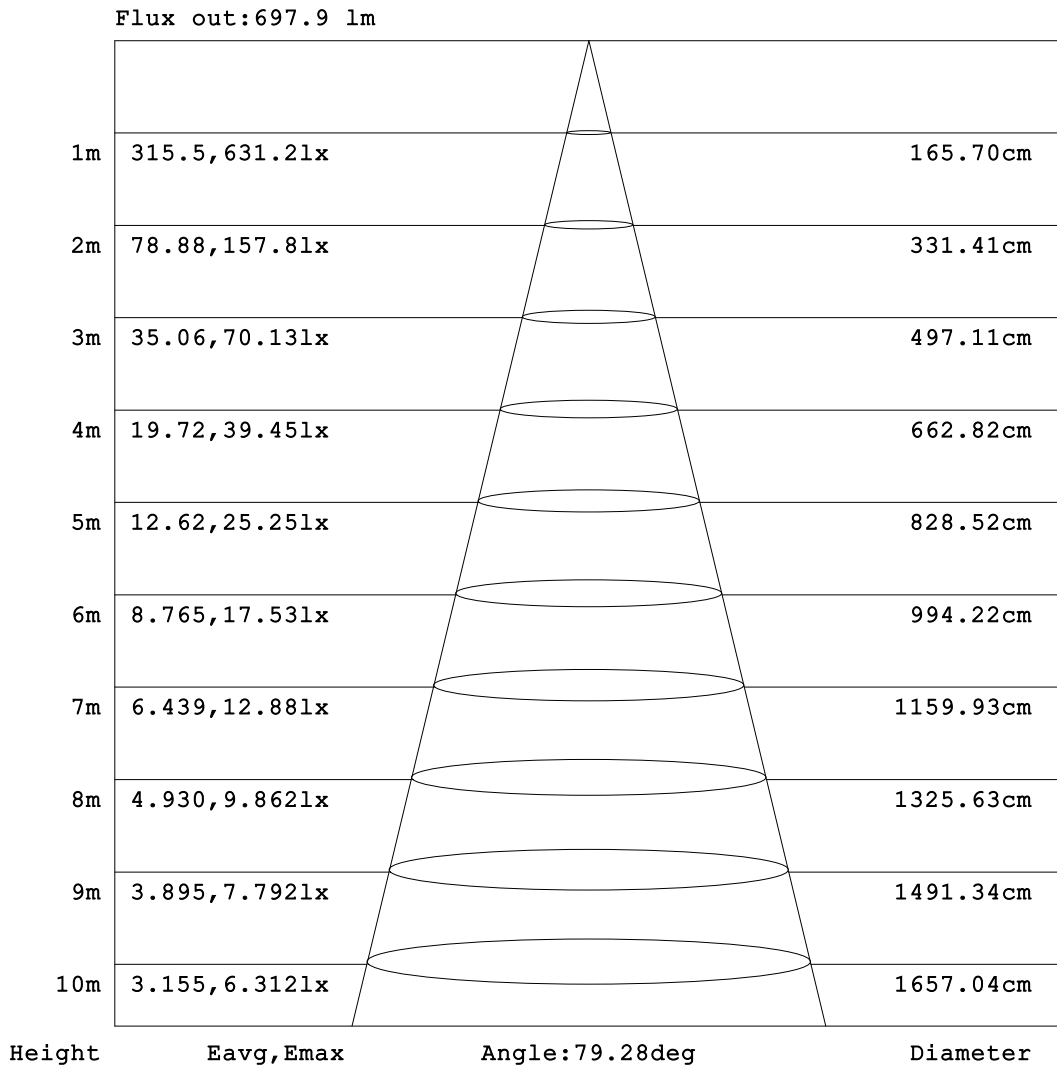


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |



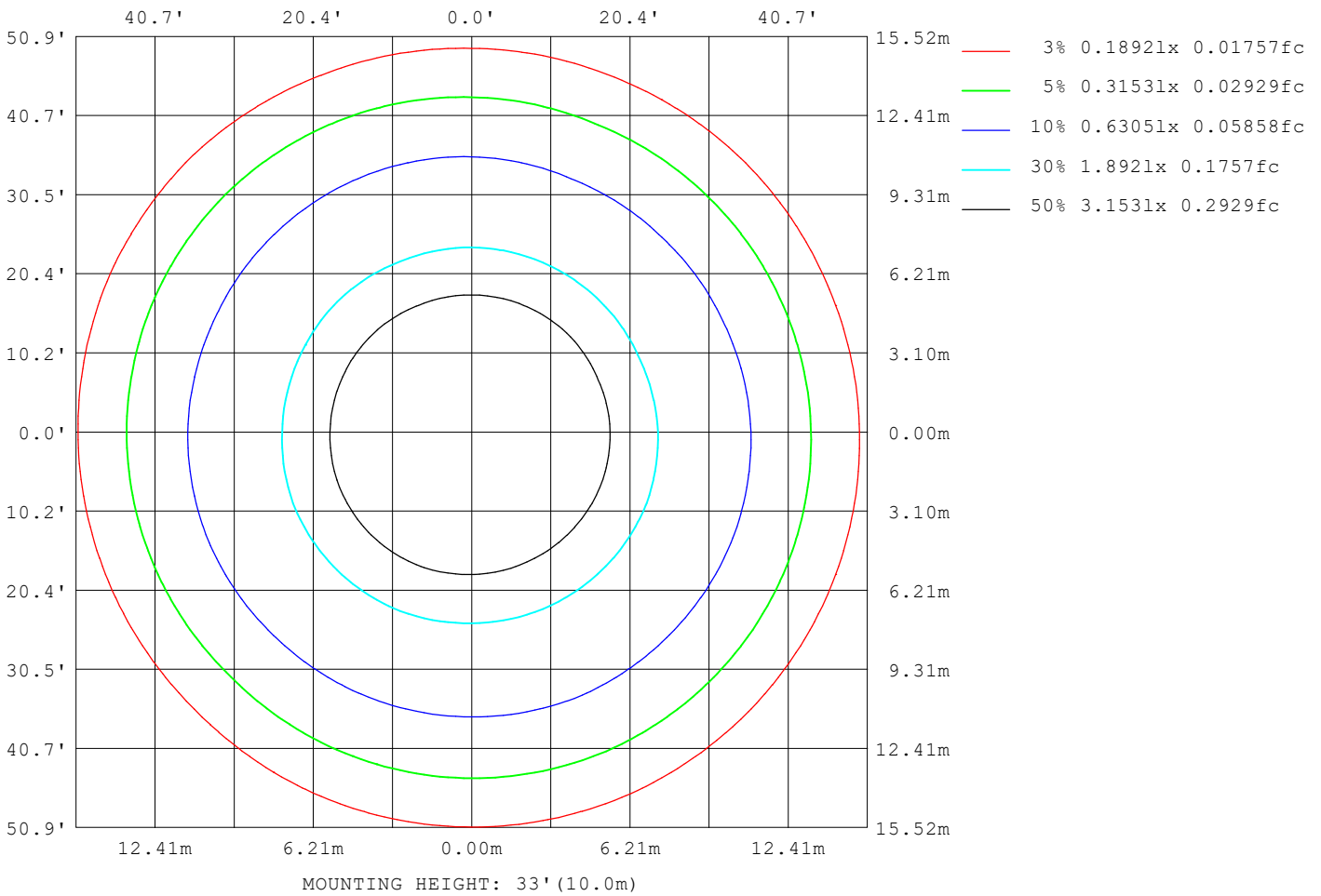
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|-------------|------------------|
| Test:U:119.45V I:0.0913A P:9.8670W PF:0.9051 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1116.37x1 lm | | |
| NAME: DL254-4-16W-M-A5C5 | TYPE: 10W | WEIGHT: |
| SPEC.: 4000K | DIM.: 0.295 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.10 | Shielding Angle: |

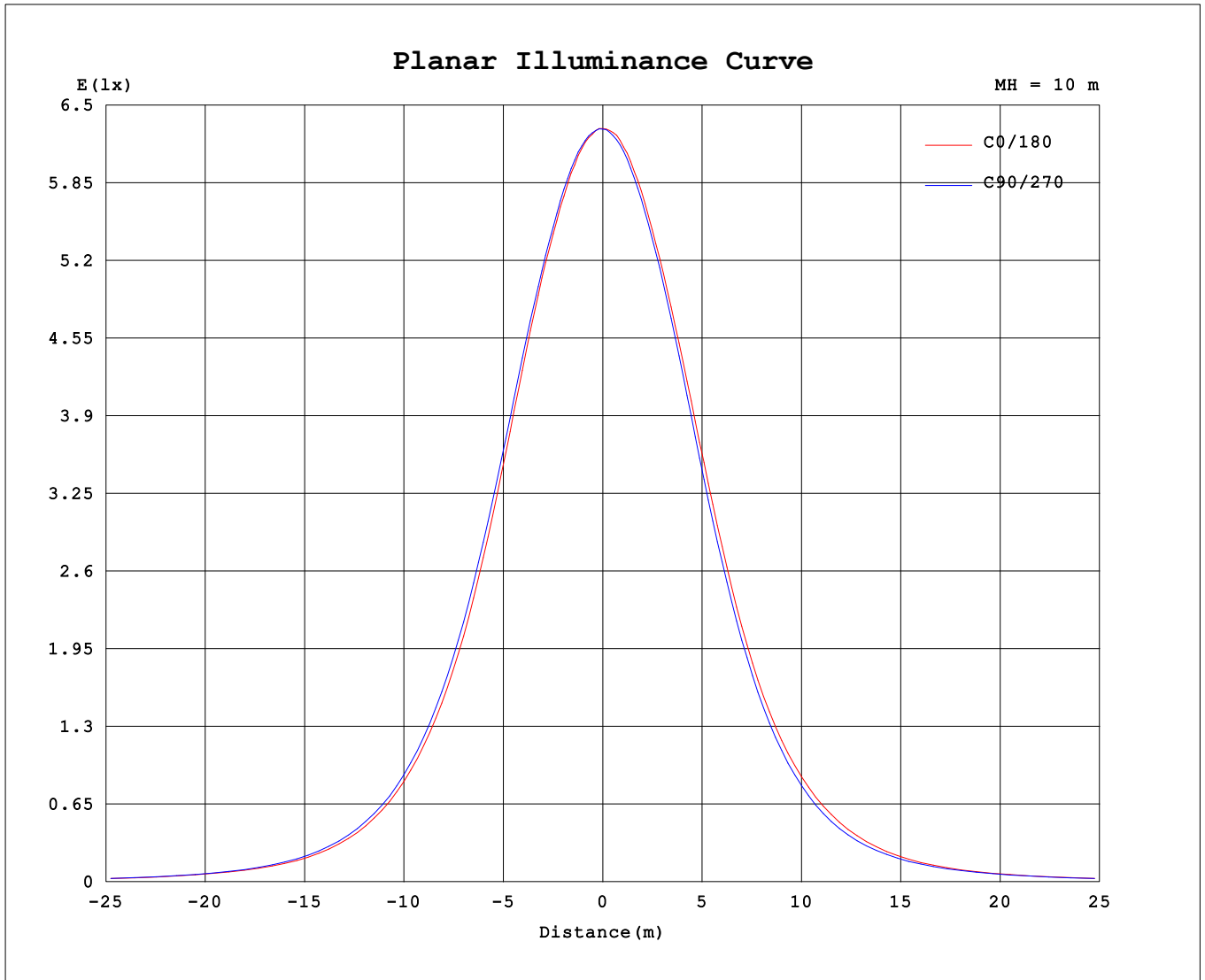
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 20484 |
| L_0~180 (75) av | 17095 |
| L_0~180 (85) av | 12130 |
| L_90~270 (65) av | 20478 |
| L_90~270 (75) av | 17072 |
| L_90~270 (85) av | 5836 |
| L_45 (65) av | 20568 |
| L_45 (75) av | 17107 |
| L_45 (85) av | 8704 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-07-06

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

