

## TEST REPORT

| Report reference No.....                                              | GEN2026138.01 LED                                                                 |                  |                        |                         |              |           |           |        |                |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------------|-------------------------|--------------|-----------|-----------|--------|----------------|
| Product.....                                                          | Pendant Light M20                                                                 |                  |                        |                         |              |           |           |        |                |
| Family Name.....                                                      |                                                                                   |                  |                        |                         |              |           |           |        |                |
| Trademark.....                                                        |  |                  |                        |                         |              |           |           |        |                |
| Manufacturer.....                                                     | KOE Lighting Ltd.                                                                 |                  |                        |                         |              |           |           |        |                |
| Address.....                                                          | 25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China                         |                  |                        |                         |              |           |           |        |                |
| Testing Laboratory.....                                               | KOE Lab                                                                           |                  |                        |                         |              |           |           |        |                |
| <b>Model list:</b><br>M20PD-F6S1 SBK 3000K[CRI90] U360D (LP150-6-48V) |                                                                                   |                  |                        |                         |              |           |           |        |                |
| <b>Declared data</b>                                                  |                                                                                   |                  |                        |                         |              |           |           |        |                |
| Rated Input                                                           | Rated Power (W)                                                                   | No.of LEDs (PCS) | Rated Total Lumen (lm) | Rated Useful Lumen (lm) | Energy class | Imax (cd) | Life (hr) | Tc (K) | Beam angle (°) |
| DC48V                                                                 | 6                                                                                 | 12               | 430                    | 430                     | E            | 40        | 50000     | 3000K  | 360            |
| Power supply                                                          | LP150-6-48V                                                                       |                  |                        |                         |              |           |           |        |                |
| Light model                                                           | SMD LED 39MMCCC-7924-X-OSL90 12PCS OSL2835 9V 1W, 3000K,D39xT1.0<CRI90>,710LM     |                  |                        |                         |              |           |           |        |                |

|                     |           |                          |
|---------------------|-----------|--------------------------|
| Light Output Ratio: | 60%       |                          |
| Luminaire Power:    | 5.76W     |                          |
| SUR.:               | 0.0314 m² |                          |
| SHR Nominal:        | 0.50      | Calculated using the TM5 |
| SHR Maximum:        | 0.60      | fine grid method.        |

H(β) Range: -90 - 90DEG  
H(β) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

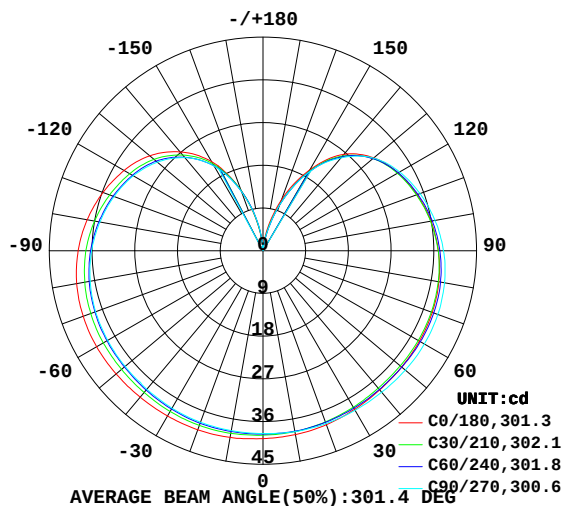
V(B) Range: -90 - 90DEG  
V(B) Interval:5.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.262  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]

## LUMINAIRE PHOTOMETRIC TEST REPORT

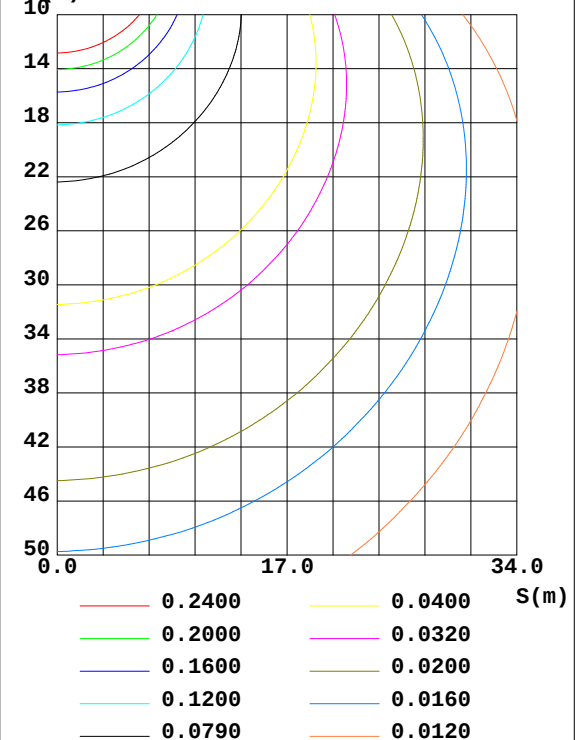
|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026138.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |

| DATA OF LAMP     |                      | PHOTOMETRIC DATA Eff: 73.87 lm/W |         |                         |            |
|------------------|----------------------|----------------------------------|---------|-------------------------|------------|
| MODEL            | 39MMCCC-7924-X-OSL90 | Imax(cd)                         | 40.47   | S/MH(C0/180)            | 1.56       |
| NOMINAL POWER(W) | 5.4                  | LOR(%)                           | 100.0   | S/MH(C90/270)           | 1.52       |
| RATED VOLTAGE(V) | 36                   | TOTAL FLUX(lm)                   | 425.48  | $\eta$ UP, DN(C0-180)   | 22.1, 28.6 |
| NOMINAL FLUX(lm) | 425.476              | CIE CLASS                        | DIFFUSE | $\eta$ UP, DN(C180-360) | 21.3, 28.0 |
| LAMPS INSIDE     | 1                    | $\eta$ up(%)                     | 43.4    | CIBSE SHR NOM           | 1.75       |
| TEST VOLTAGE(V)  | 48                   | $\eta$ down(%)                   | 56.6    | CIBSE SHR MAX           | 1.75       |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10       | 39.33                 | 38.60  | 38.70  | 38.74  | 39.92  | 38.88  | 38.49  | 38.30  | 0- 10    | 3.693       | 3.693        | 0.87,0.87  |
| 20       | 39.00                 | 38.38  | 38.76  | 38.99  | 40.15  | 38.92  | 38.45  | 38.13  | 10- 20   | 10.97       | 14.66        | 3.45,3.45  |
| 30       | 38.59                 | 38.07  | 38.81  | 39.18  | 40.20  | 38.79  | 38.30  | 37.89  | 20- 30   | 17.88       | 32.54        | 7.65,7.65  |
| 40       | 38.25                 | 37.90  | 38.91  | 39.42  | 40.27  | 38.61  | 38.08  | 37.66  | 30- 40   | 24.19       | 56.73        | 13.3,13.3  |
| 50       | 38.11                 | 37.88  | 39.13  | 39.74  | 40.38  | 38.45  | 37.91  | 37.51  | 40- 50   | 29.79       | 86.52        | 20.3,20.3  |
| 60       | 38.07                 | 37.96  | 39.26  | 40.06  | 40.47  | 38.34  | 37.78  | 37.42  | 50- 60   | 34.54       | 121.1        | 28.5,28.5  |
| 70       | 37.96                 | 37.91  | 39.21  | 40.10  | 40.29  | 38.06  | 37.53  | 37.18  | 60- 70   | 38.18       | 159.2        | 37.4,37.4  |
| 80       | 37.60                 | 37.65  | 38.83  | 39.71  | 39.85  | 37.56  | 36.96  | 36.58  | 70- 80   | 40.41       | 199.7        | 46.9,46.9  |
| 90       | 36.92                 | 37.00  | 38.02  | 38.90  | 38.94  | 36.70  | 36.11  | 35.86  | 80- 90   | 41.02       | 240.7        | 56.6,56.6  |
| 100      | 35.94                 | 35.94  | 36.79  | 37.64  | 37.63  | 35.49  | 34.91  | 34.67  | 90-100   | 39.94       | 280.6        | 66,66      |
| 110      | 34.56                 | 34.53  | 35.23  | 35.94  | 35.89  | 33.91  | 33.39  | 32.86  | 100-110  | 37.25       | 317.9        | 74.7,74.7  |
| 120      | 32.83                 | 32.77  | 33.23  | 33.87  | 33.84  | 32.05  | 31.57  | 30.87  | 110-120  | 33.22       | 351.1        | 82.5,82.5  |
| 130      | 30.47                 | 30.21  | 30.38  | 31.10  | 31.14  | 29.65  | 29.07  | 28.32  | 120-130  | 28.08       | 379.2        | 89.1,89.1  |
| 140      | 26.53                 | 26.04  | 25.55  | 27.12  | 27.19  | 26.08  | 25.61  | 23.73  | 130-140  | 21.71       | 400.9        | 94.2,94.2  |
| 150      | 19.67                 | 19.02  | 18.92  | 21.38  | 21.69  | 20.89  | 20.61  | 17.98  | 140-150  | 14.55       | 415.4        | 97.6,97.6  |
| 160      | 11.46                 | 10.25  | 10.32  | 12.80  | 13.45  | 13.45  | 13.27  | 11.03  | 150-160  | 7.524       | 423.0        | 99.4,99.4  |
| 170      | 3.637                 | 2.309  | 2.337  | 4.100  | 4.778  | 5.249  | 5.450  | 3.904  | 160-170  | 2.339       | 425.3        | 100,100    |
| 180      | 0.2298                | 0.2258 | 0.2137 | 0.2198 | 0.1936 | 0.2178 | 0.2178 | 0.2218 | 170-180  | 0.1697      | 425.5        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT: lm    |              |            |

Conical surface Flux(90deg): 70.975 lm

%lum = 16.7%

%lamp = 16.7%

Conical surface Flux(120deg): 121.06 lm

%lum = 28.5%

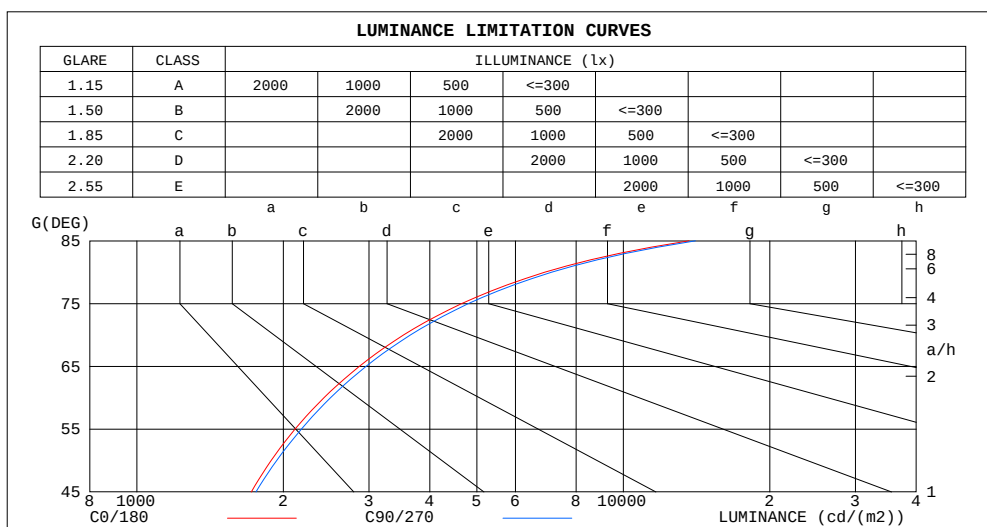
%lamp = 28.5%

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 13640  | 14068   |
| 80                | 6896   | 7122    |
| 75                | 4654   | 4803    |
| 70                | 3535   | 3651    |
| 65                | 2866   | 2958    |
| 60                | 2425   | 2501    |
| 55                | 2115   | 2179    |
| 50                | 1888   | 1939    |
| 45                | 1719   | 1757    |

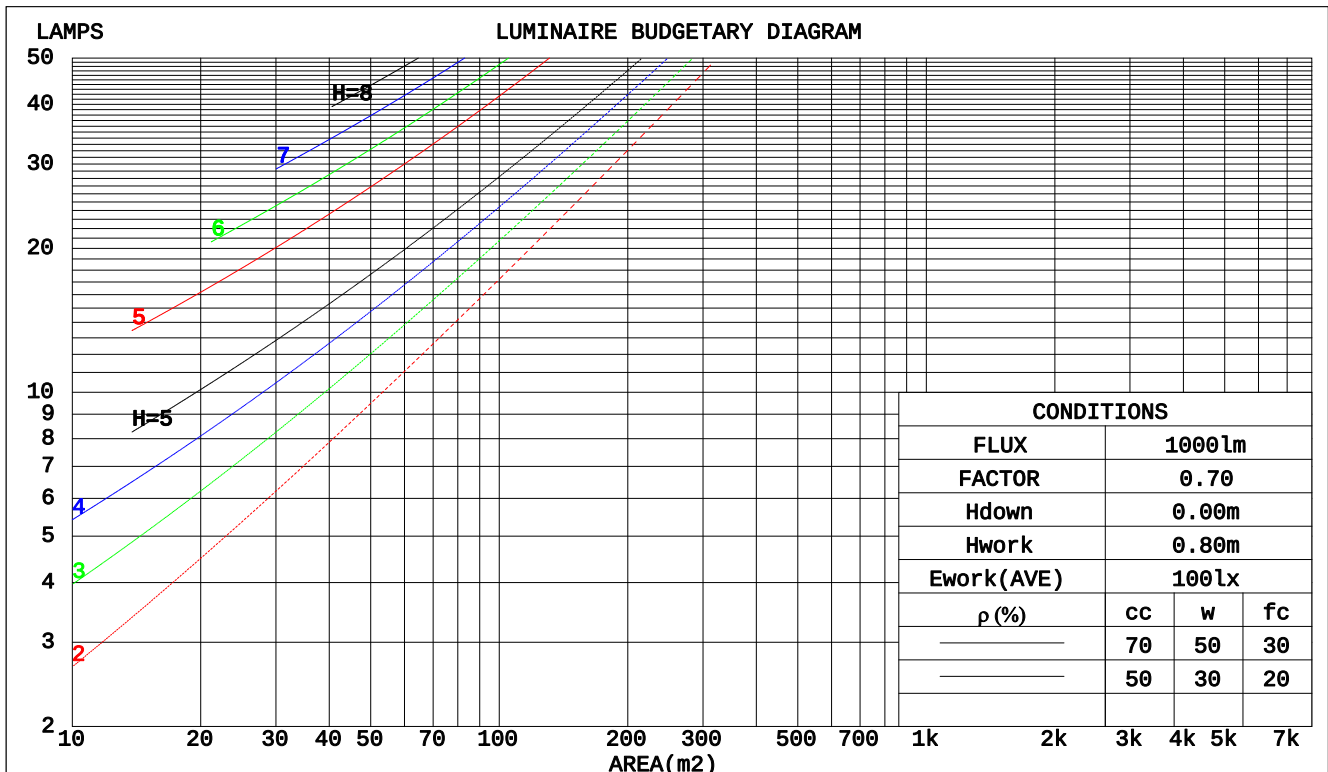
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |

| $\rho_{CC}$ | 80%                   |      |      | 70%  |      |      | 50%                             |     |     | 30% |     |     | 10% |     |     | 0   |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| $\rho_W$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0   |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |     |     | 20% |     |     | 20% |     |     | 0   |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Coefficients of Utilization(CU) |     |     |     |     |     |     |     |     |     |
| 0.0         | 1.09                  | 1.09 | 1.09 | 1.01 | 1.01 | 1.01 | .87                             | .87 | .87 | .74 | .74 | .74 | .62 | .62 | .62 | .57 |
| 1.0         | .88                   | .82  | .77  | .82  | .77  | .72  | .69                             | .65 | .62 | .58 | .55 | .52 | .48 | .45 | .43 | .38 |
| 2.0         | .75                   | .66  | .60  | .69  | .62  | .56  | .58                             | .53 | .48 | .48 | .44 | .40 | .39 | .36 | .33 | .28 |
| 3.0         | .64                   | .55  | .48  | .59  | .51  | .44  | .50                             | .44 | .38 | .41 | .36 | .32 | .33 | .30 | .26 | .22 |
| 4.0         | .56                   | .46  | .39  | .52  | .43  | .37  | .44                             | .37 | .31 | .36 | .31 | .26 | .29 | .25 | .22 | .18 |
| 5.0         | .49                   | .40  | .33  | .46  | .37  | .31  | .39                             | .32 | .26 | .32 | .27 | .22 | .26 | .22 | .18 | .15 |
| 6.0         | .44                   | .35  | .28  | .41  | .32  | .26  | .34                             | .28 | .23 | .29 | .23 | .19 | .23 | .19 | .15 | .12 |
| 7.0         | .39                   | .30  | .24  | .37  | .28  | .23  | .31                             | .24 | .19 | .26 | .20 | .16 | .21 | .17 | .13 | .11 |
| 8.0         | .36                   | .27  | .21  | .33  | .25  | .20  | .28                             | .22 | .17 | .24 | .18 | .14 | .19 | .15 | .12 | .09 |
| 9.0         | .32                   | .24  | .19  | .30  | .23  | .17  | .26                             | .19 | .15 | .22 | .16 | .13 | .18 | .14 | .10 | .08 |
| 10.0        | .30                   | .22  | .16  | .28  | .20  | .15  | .24                             | .18 | .13 | .20 | .15 | .11 | .16 | .12 | .09 | .07 |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                           |  |  |  |            |  |  |                          |  |
|---------------------------------------------------------------------------|--|--|--|------------|--|--|--------------------------|--|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |  |  |  |            |  |  |                          |  |
| NAME: LED Pendant Light                                                   |  |  |  | TYPE:fixed |  |  | WEIGHT:167g              |  |
| SPEC.:6W                                                                  |  |  |  | DIM.: D100 |  |  | SERIAL No.:SEN2026018.01 |  |
| MFR.: KOE Lighting Ltd.                                                   |  |  |  | SUR.:D100  |  |  | Shielding Angle:...      |  |

| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0         |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0         | .411                  | .234 | .074 | .391 | .223 | .071 | .352                            | .202 | .065 | .317 | .183 | .059 | .285 | .165 | .053 |   |
| 2.0         | .344                  | .188 | .058 | .325 | .179 | .055 | .290                            | .161 | .050 | .258 | .145 | .045 | .228 | .129 | .041 |   |
| 3.0         | .300                  | .160 | .048 | .283 | .152 | .046 | .251                            | .136 | .041 | .221 | .121 | .037 | .194 | .107 | .033 |   |
| 4.0         | .267                  | .139 | .041 | .252 | .132 | .039 | .222                            | .118 | .035 | .195 | .105 | .032 | .170 | .092 | .028 |   |
| 5.0         | .241                  | .123 | .036 | .227 | .116 | .034 | .200                            | .104 | .031 | .175 | .092 | .027 | .152 | .081 | .024 |   |
| 6.0         | .220                  | .110 | .032 | .207 | .104 | .030 | .182                            | .093 | .027 | .159 | .082 | .024 | .137 | .072 | .021 |   |
| 7.0         | .202                  | .100 | .028 | .190 | .095 | .027 | .167                            | .084 | .024 | .145 | .075 | .022 | .125 | .065 | .019 |   |
| 8.0         | .187                  | .091 | .026 | .175 | .086 | .024 | .154                            | .077 | .022 | .134 | .068 | .020 | .116 | .059 | .017 |   |
| 9.0         | .174                  | .084 | .023 | .163 | .080 | .022 | .143                            | .071 | .020 | .125 | .063 | .018 | .107 | .054 | .016 |   |
| 10.0        | .162                  | .078 | .022 | .152 | .074 | .021 | .134                            | .066 | .018 | .117 | .058 | .016 | .100 | .050 | .014 |   |

| ρ <sub>cc</sub> | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| ρ <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρ <sub>fc</sub> | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0             | .521                  | .521 | .521 | .446 | .446 | .446 | .304                                       | .304 | .304 | .175 | .175 | .175 | .056 | .056 | .056 |   |
| 1.0             | .521                  | .489 | .460 | .446 | .420 | .396 | .305                                       | .289 | .274 | .175 | .167 | .159 | .056 | .054 | .051 |   |
| 2.0             | .515                  | .468 | .428 | .441 | .402 | .370 | .302                                       | .278 | .258 | .174 | .162 | .151 | .056 | .052 | .049 |   |
| 3.0             | .508                  | .452 | .408 | .435 | .390 | .354 | .299                                       | .271 | .248 | .173 | .158 | .146 | .055 | .051 | .048 |   |
| 4.0             | .500                  | .441 | .395 | .429 | .381 | .343 | .295                                       | .265 | .242 | .171 | .155 | .143 | .055 | .051 | .047 |   |
| 5.0             | .493                  | .431 | .386 | .423 | .373 | .336 | .292                                       | .261 | .237 | .169 | .153 | .141 | .054 | .050 | .046 |   |
| 6.0             | .486                  | .424 | .380 | .417 | .367 | .331 | .288                                       | .257 | .234 | .167 | .151 | .139 | .054 | .049 | .046 |   |
| 7.0             | .479                  | .418 | .375 | .412 | .362 | .327 | .285                                       | .254 | .232 | .165 | .150 | .138 | .053 | .049 | .046 |   |
| 8.0             | .472                  | .413 | .371 | .407 | .358 | .324 | .281                                       | .251 | .230 | .164 | .148 | .137 | .053 | .049 | .045 |   |
| 9.0             | .466                  | .408 | .369 | .402 | .354 | .322 | .278                                       | .249 | .228 | .162 | .147 | .136 | .052 | .048 | .045 |   |
| 10.0            | .460                  | .404 | .367 | .397 | .351 | .320 | .275                                       | .247 | .227 | .161 | .146 | .136 | .052 | .048 | .045 |   |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Judy  
 Test Date:2026-01-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.880m [K=1.0000]  
 Remarks:

### UGR(Unified Glare Rating) Table

|                                                                           |               |                  |      |      |            |               |                |                          |      |      |      |
|---------------------------------------------------------------------------|---------------|------------------|------|------|------------|---------------|----------------|--------------------------|------|------|------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |               |                  |      |      |            |               |                |                          |      |      |      |
| NAME: LED Pendant Light                                                   |               |                  |      |      | TYPE:fixed |               |                | WEIGHT:167g              |      |      |      |
| SPEC.:6W                                                                  |               |                  |      |      | DIM.: D100 |               |                | SERIAL No.:SEN2026018.01 |      |      |      |
| MFR.: KOE Lighting Ltd.                                                   |               |                  |      |      | SUR.:D100  |               |                | 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                                                             | 15.6          | 16.8             | 16.4 | 17.6 | 18.6       | 15.8          | 16.9           | 16.6                     | 17.7 | 18.8 |      |
|                                                                           | 3H            | 18.8             | 19.8 | 19.6 | 20.7       | 21.7          | 19.0           | 20.0                     | 19.8 | 20.8 | 21.9 |
|                                                                           | 4H            | 20.6             | 21.6 | 21.4 | 22.4       | 23.5          | 20.8           | 21.8                     | 21.6 | 22.6 | 23.7 |
|                                                                           | 6H            | 22.6             | 23.5 | 23.4 | 24.4       | 25.5          | 22.8           | 23.7                     | 23.6 | 24.6 | 25.7 |
|                                                                           | 8H            | 23.7             | 24.6 | 24.6 | 25.5       | 26.6          | 23.9           | 24.8                     | 24.8 | 25.7 | 26.8 |
|                                                                           | 12H           | 25.0             | 25.8 | 25.9 | 26.7       | 27.9          | 25.2           | 26.0                     | 26.1 | 26.9 | 28.1 |
| 4H                                                                        | 2H            | 16.6             | 17.6 | 17.4 | 18.5       | 19.5          | 16.7           | 17.7                     | 17.5 | 18.6 | 19.6 |
|                                                                           | 3H            | 19.9             | 20.7 | 20.8 | 21.6       | 22.8          | 20.0           | 20.9                     | 20.9 | 21.8 | 22.9 |
|                                                                           | 4H            | 21.8             | 22.6 | 22.7 | 23.5       | 24.7          | 22.0           | 22.8                     | 22.9 | 23.7 | 24.8 |
|                                                                           | 6H            | 24.0             | 24.7 | 24.9 | 25.6       | 26.8          | 24.1           | 24.8                     | 25.1 | 25.8 | 27.0 |
|                                                                           | 8H            | 25.2             | 25.8 | 26.1 | 26.8       | 28.0          | 25.4           | 26.0                     | 26.3 | 27.0 | 28.2 |
|                                                                           | 12H           | 26.6             | 27.2 | 27.5 | 28.1       | 29.3          | 26.7           | 27.4                     | 27.7 | 28.3 | 29.5 |
| 8H                                                                        | 4H            | 22.5             | 23.2 | 23.5 | 24.1       | 25.3          | 22.7           | 23.3                     | 23.6 | 24.3 | 25.5 |
|                                                                           | 6H            | 25.0             | 25.5 | 25.9 | 26.5       | 27.7          | 25.1           | 25.6                     | 26.0 | 26.6 | 27.8 |
|                                                                           | 8H            | 26.3             | 26.8 | 27.3 | 27.8       | 29.1          | 26.5           | 27.0                     | 27.4 | 28.0 | 29.2 |
|                                                                           | 12H           | 27.9             | 28.4 | 28.9 | 29.4       | 30.6          | 28.1           | 28.5                     | 29.1 | 29.5 | 30.8 |
| 12H                                                                       | 4H            | 22.7             | 23.3 | 23.7 | 24.3       | 25.5          | 22.8           | 23.5                     | 23.8 | 24.4 | 25.6 |
|                                                                           | 6H            | 25.3             | 25.8 | 26.2 | 26.7       | 28.0          | 25.4           | 25.9                     | 26.3 | 26.9 | 28.1 |
|                                                                           | 8H            | 26.8             | 27.2 | 27.7 | 28.2       | 29.5          | 26.9           | 27.3                     | 27.9 | 28.3 | 29.6 |
| Variations with the observer position at spacings:                        |               |                  |      |      |            |               |                |                          |      |      |      |
| S = 1.0H                                                                  | + 0.1 / - 0.1 |                  |      |      |            | + 0.1 / - 0.1 |                |                          |      |      |      |
| 1.5H                                                                      | + 0.2 / - 0.3 |                  |      |      |            | + 0.2 / - 0.3 |                |                          |      |      |      |
| 2.0H                                                                      | + 0.3 / - 0.4 |                  |      |      |            | + 0.3 / - 0.4 |                |                          |      |      |      |

CIE Pub.117, 425.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |

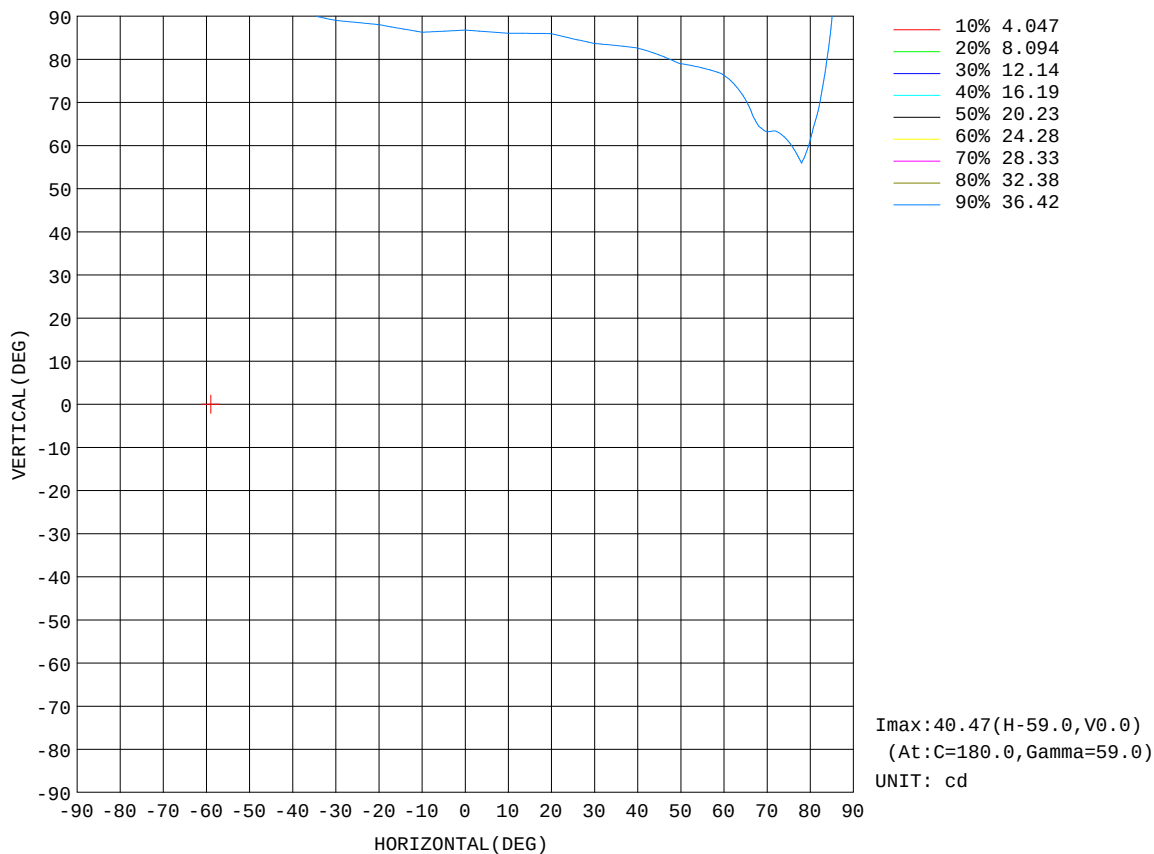
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 38                                                  | 25  | 18        | 36  | 25  | 18  | 33  | 23            | 17  | 10     |
| 0.80                             | 47                                                  | 33  | 25        | 44  | 32  | 24  | 40  | 29            | 22  | 13     |
| 1.00                             | 54                                                  | 40  | 31        | 51  | 38  | 30  | 45  | 36            | 27  | 16     |
| 1.25                             | 61                                                  | 47  | 37        | 57  | 44  | 36  | 50  | 40            | 32  | 20     |
| 1.50                             | 66                                                  | 52  | 43        | 62  | 49  | 41  | 54  | 44            | 37  | 22     |
| 2.00                             | 74                                                  | 61  | 51        | 69  | 57  | 49  | 60  | 51            | 44  | 27     |
| 2.50                             | 79                                                  | 67  | 58        | 73  | 63  | 54  | 63  | 55            | 48  | 30     |
| 3.00                             | 83                                                  | 72  | 63        | 77  | 67  | 59  | 66  | 59            | 53  | 33     |
| 4.00                             | 88                                                  | 78  | 71        | 82  | 73  | 66  | 70  | 64            | 58  | 36     |
| 5.00                             | 91                                                  | 83  | 76        | 85  | 77  | 71  | 73  | 67            | 62  | 39     |
| ROOM INDEX                       | UF(total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                     |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Judy  
 Test Date:2026-01-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.880m [K=1.0000]  
 Remarks:

### ISOCANDELA DIAGRAM

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |

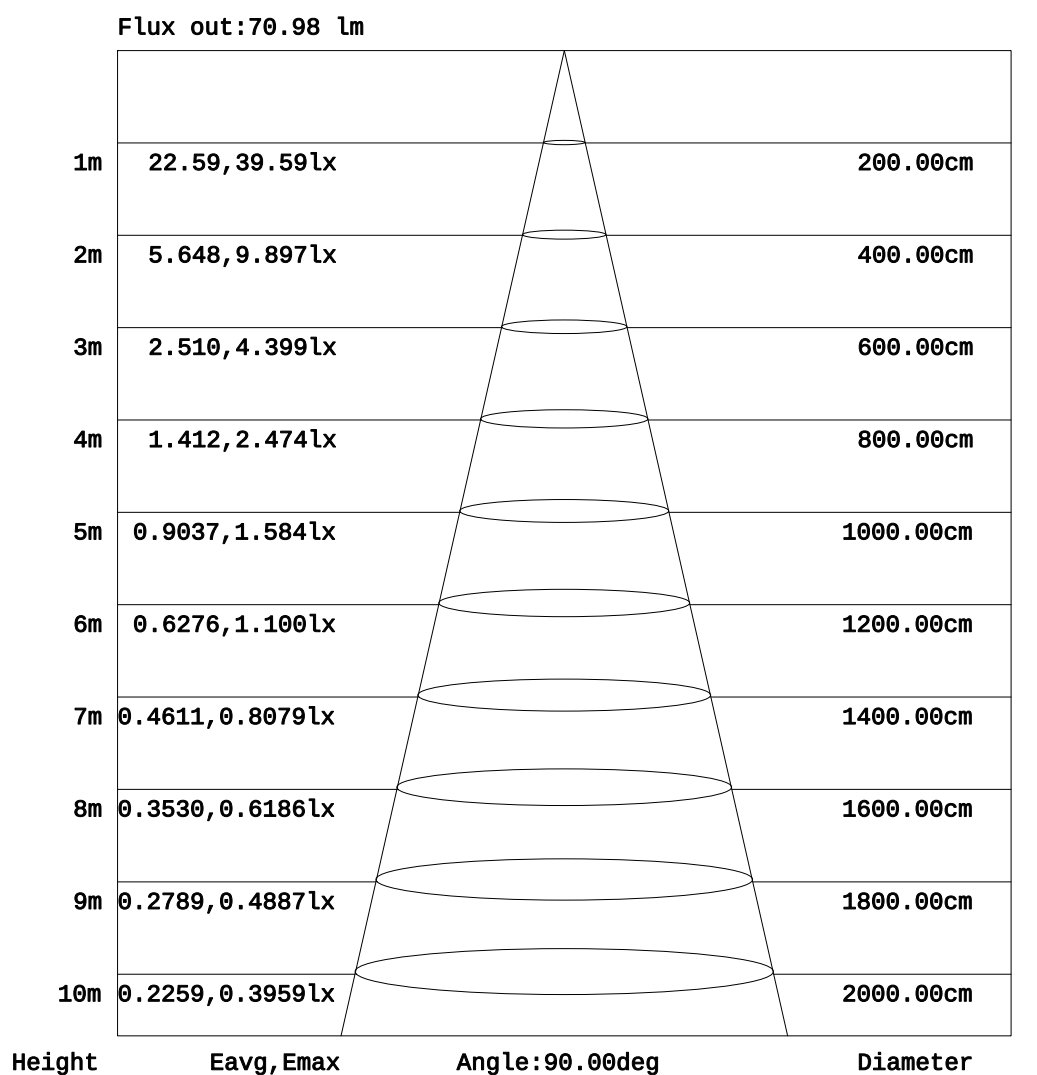


C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Judy  
Test Date: 2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 7.880m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |



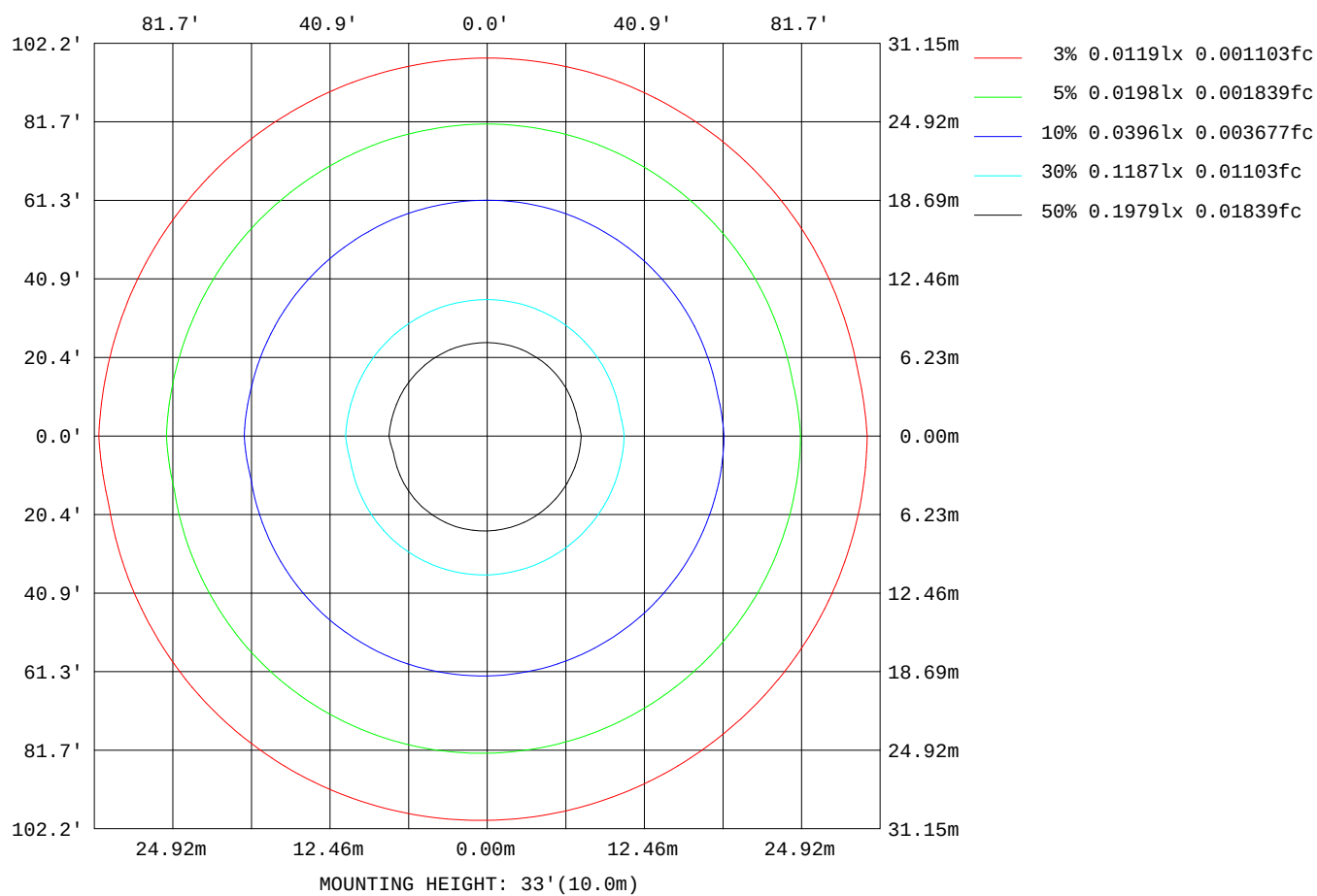
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Judy  
 Test Date:2026-01-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.880m [K=1.0000]  
 Remarks:

## LED Avg.L Report

|                                                                           |            |                          |
|---------------------------------------------------------------------------|------------|--------------------------|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |            |                          |
| NAME: LED Pendant Light                                                   | TYPE:fixed | WEIGHT:167g              |
| SPEC.:6W                                                                  | DIM.: D100 | SERIAL No.:SEN2026018.01 |
| MFR.: KOE Lighting Ltd.                                                   | SUR.:D100  | Shielding Angle:...      |

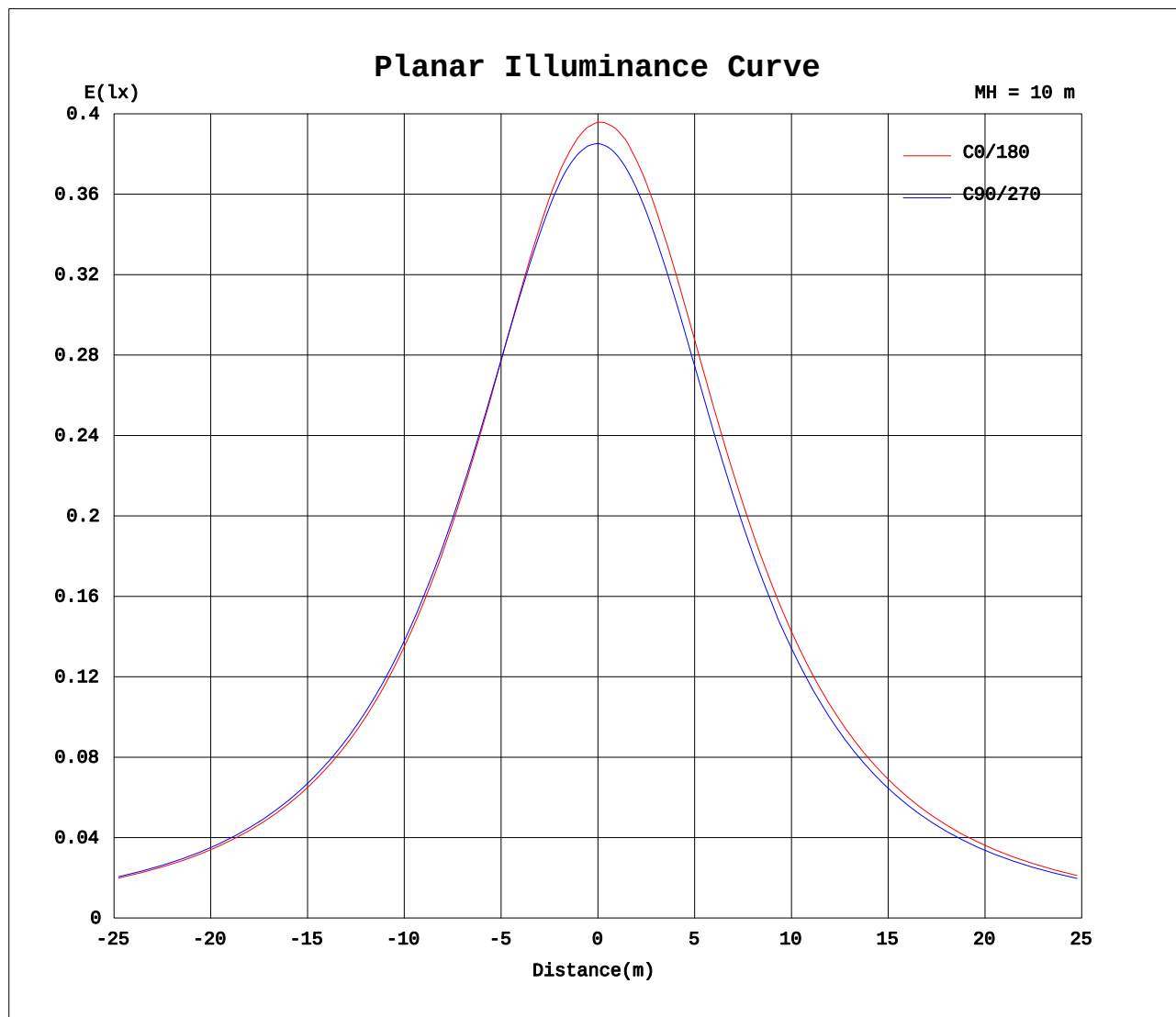
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 2957  |
| L_0~180(75)av  | 4797  |
| L_0~180(85)av  | 14025 |
| L_90~270(65)av | 2899  |
| L_90~270(75)av | 4696  |
| L_90~270(85)av | 13719 |
| L_45(65)av     | 2894  |
| L_45(75)av     | 4694  |
| L_45(85)av     | 13721 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Judy  
 Test Date: 2026-01-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                           |  |  |  |  |  |  |  |  |            |  |  |  |  |                          |  |  |  |  |
|---------------------------------------------------------------------------|--|--|--|--|--|--|--|--|------------|--|--|--|--|--------------------------|--|--|--|--|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |  |  |  |  |  |  |  |  |            |  |  |  |  |                          |  |  |  |  |
| NAME: LED Pendant Light                                                   |  |  |  |  |  |  |  |  | TYPE:fixed |  |  |  |  | WEIGHT:167g              |  |  |  |  |
| SPEC.:6W                                                                  |  |  |  |  |  |  |  |  | DIM.: D100 |  |  |  |  | SERIAL No.:SEN2026018.01 |  |  |  |  |
| MFR.: KOE Lighting Ltd.                                                   |  |  |  |  |  |  |  |  | SUR.:D100  |  |  |  |  | Shielding Angle:...      |  |  |  |  |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 39.6 | 39.2 | 39.0 | 38.9 | 38.7 | 38.6 | 38.6 | 38.6 | 38.5 | 38.5 | 38.5 | 38.5 | 38.4 | 38.5 | 38.4 | 38.4 | 38.4 | 38.4 | 39.6 |
| 5                 | 39.4 | 39.1 | 38.9 | 38.8 | 38.7 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.5 | 38.6 | 38.6 | 38.6 | 38.5 | 38.5 | 39.8 |
| 10                | 39.3 | 39.0 | 38.8 | 38.7 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.7 | 38.7 | 38.8 | 38.7 | 38.8 | 38.7 | 38.7 | 38.6 | 38.7 | 39.9 |
| 15                | 39.2 | 38.8 | 38.7 | 38.5 | 38.5 | 38.5 | 38.6 | 38.6 | 38.6 | 38.7 | 38.8 | 38.9 | 38.8 | 38.9 | 38.9 | 38.9 | 38.7 | 38.7 | 40.1 |
| 20                | 39.0 | 38.6 | 38.5 | 38.4 | 38.4 | 38.4 | 38.5 | 38.5 | 38.6 | 38.8 | 38.8 | 39.0 | 38.9 | 39.0 | 39.0 | 38.9 | 38.8 | 38.8 | 40.1 |
| 25                | 38.8 | 38.5 | 38.3 | 38.2 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.8 | 38.9 | 39.0 | 39.0 | 39.1 | 39.1 | 39.0 | 38.9 | 38.8 | 40.2 |
| 30                | 38.6 | 38.2 | 38.1 | 38.0 | 38.1 | 38.1 | 38.3 | 38.4 | 38.6 | 38.8 | 38.9 | 39.1 | 39.1 | 39.2 | 39.2 | 39.1 | 38.9 | 38.9 | 40.2 |
| 35                | 38.4 | 38.1 | 37.9 | 37.9 | 37.9 | 38.0 | 38.2 | 38.4 | 38.6 | 38.9 | 39.0 | 39.2 | 39.2 | 39.3 | 39.3 | 39.2 | 39.0 | 38.9 | 40.2 |
| 40                | 38.2 | 38.0 | 37.8 | 37.8 | 37.8 | 38.0 | 38.2 | 38.4 | 38.6 | 38.9 | 39.1 | 39.3 | 39.3 | 39.5 | 39.4 | 39.3 | 39.1 | 38.9 | 40.3 |
| 45                | 38.2 | 37.9 | 37.7 | 37.7 | 37.8 | 38.0 | 38.1 | 38.5 | 38.6 | 39.0 | 39.2 | 39.5 | 39.5 | 39.6 | 39.6 | 39.4 | 39.2 | 39.1 | 40.3 |
| 50                | 38.1 | 37.9 | 37.7 | 37.7 | 37.8 | 38.0 | 38.2 | 38.6 | 38.7 | 39.1 | 39.3 | 39.6 | 39.7 | 39.8 | 39.7 | 39.6 | 39.3 | 39.2 | 40.4 |
| 55                | 38.1 | 37.9 | 37.7 | 37.8 | 37.8 | 38.1 | 38.2 | 38.6 | 38.8 | 39.2 | 39.5 | 39.8 | 39.9 | 40.0 | 39.9 | 39.7 | 39.5 | 39.3 | 40.4 |
| 60                | 38.1 | 37.9 | 37.7 | 37.8 | 37.8 | 38.1 | 38.3 | 38.6 | 39.0 | 39.3 | 39.5 | 39.8 | 40.0 | 40.1 | 40.0 | 39.9 | 39.6 | 39.3 | 40.5 |
| 65                | 38.0 | 37.8 | 37.7 | 37.8 | 37.8 | 38.1 | 38.3 | 38.6 | 39.0 | 39.3 | 39.6 | 39.8 | 40.0 | 40.1 | 40.1 | 40.0 | 39.6 | 39.3 | 40.4 |
| 70                | 38.0 | 37.8 | 37.7 | 37.7 | 37.8 | 38.0 | 38.3 | 38.6 | 38.9 | 39.2 | 39.5 | 39.8 | 40.0 | 40.1 | 40.1 | 39.8 | 39.6 | 39.3 | 40.3 |
| 75                | 37.8 | 37.6 | 37.6 | 37.7 | 37.8 | 37.9 | 38.2 | 38.4 | 38.8 | 39.0 | 39.4 | 39.7 | 39.9 | 40.0 | 40.0 | 39.7 | 39.5 | 39.1 | 40.2 |
| 80                | 37.6 | 37.5 | 37.4 | 37.5 | 37.6 | 37.7 | 38.0 | 38.2 | 38.5 | 38.8 | 39.2 | 39.4 | 39.6 | 39.7 | 39.7 | 39.5 | 39.2 | 38.9 | 39.9 |
| 85                | 37.3 | 37.2 | 37.1 | 37.2 | 37.3 | 37.4 | 37.7 | 37.9 | 38.2 | 38.5 | 38.8 | 39.0 | 39.3 | 39.3 | 39.4 | 39.2 | 38.9 | 38.5 | 39.4 |
| 90                | 36.9 | 36.8 | 36.8 | 36.9 | 37.0 | 37.0 | 37.3 | 37.5 | 37.8 | 38.0 | 38.4 | 38.5 | 38.8 | 38.9 | 38.9 | 38.7 | 38.5 | 38.1 | 38.9 |
| 95                | 36.5 | 36.4 | 36.3 | 36.4 | 36.5 | 36.5 | 36.8 | 37.0 | 37.3 | 37.5 | 37.8 | 38.0 | 38.2 | 38.2 | 38.4 | 38.1 | 38.0 | 37.5 | 38.3 |
| 100               | 35.9 | 35.8 | 35.8 | 35.9 | 35.9 | 36.0 | 36.2 | 36.4 | 36.6 | 36.8 | 37.2 | 37.3 | 37.6 | 37.6 | 37.7 | 37.4 | 37.3 | 36.9 | 37.6 |
| 105               | 35.3 | 35.2 | 35.2 | 35.2 | 35.3 | 35.3 | 35.5 | 35.6 | 35.9 | 36.1 | 36.4 | 36.5 | 36.7 | 36.8 | 36.9 | 36.7 | 36.5 | 36.1 | 36.8 |
| 110               | 34.6 | 34.5 | 34.4 | 34.4 | 34.5 | 34.5 | 34.7 | 34.8 | 35.1 | 35.2 | 35.5 | 35.6 | 35.9 | 35.9 | 36.0 | 35.8 | 35.7 | 35.3 | 35.9 |
| 115               | 33.7 | 33.7 | 33.6 | 33.6 | 33.7 | 33.7 | 33.9 | 34.0 | 34.2 | 34.3 | 34.6 | 34.6 | 34.8 | 34.9 | 35.0 | 34.8 | 34.7 | 34.3 | 34.9 |
| 120               | 32.8 | 32.8 | 32.7 | 32.7 | 32.8 | 32.8 | 32.9 | 33.0 | 33.2 | 33.2 | 33.5 | 33.5 | 33.8 | 33.8 | 34.0 | 33.7 | 33.7 | 33.3 | 33.8 |
| 125               | 31.8 | 31.7 | 31.7 | 31.6 | 31.6 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.2 | 32.3 | 32.5 | 32.5 | 32.7 | 32.5 | 32.5 | 32.1 | 32.6 |
| 130               | 30.5 | 30.4 | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 | 30.2 | 30.4 | 30.7 | 30.7 | 31.0 | 31.0 | 31.2 | 31.0 | 31.0 | 30.6 | 31.1 |
| 135               | 28.7 | 28.7 | 28.4 | 28.4 | 28.5 | 28.3 | 28.3 | 28.1 | 28.1 | 28.2 | 28.7 | 28.8 | 29.2 | 29.2 | 29.4 | 29.1 | 29.3 | 28.9 | 29.3 |
| 140               | 26.5 | 26.4 | 26.2 | 26.1 | 26.1 | 25.9 | 25.8 | 25.6 | 25.6 | 25.5 | 26.3 | 26.5 | 27.0 | 27.0 | 27.2 | 26.9 | 27.1 | 26.8 | 27.2 |
| 145               | 23.4 | 23.4 | 23.2 | 23.0 | 23.0 | 22.9 | 22.8 | 22.5 | 22.7 | 22.6 | 23.3 | 23.8 | 24.3 | 24.5 | 24.7 | 24.4 | 24.6 | 24.3 | 24.7 |
| 150               | 19.7 | 19.4 | 19.5 | 19.2 | 19.1 | 18.9 | 19.0 | 18.7 | 19.0 | 18.9 | 19.6 | 20.1 | 21.0 | 21.1 | 21.6 | 21.5 | 21.8 | 21.5 | 21.7 |
| 155               | 15.7 | 15.3 | 15.4 | 14.9 | 14.9 | 14.6 | 14.8 | 14.4 | 14.8 | 14.7 | 15.5 | 15.8 | 16.7 | 16.9 | 17.7 | 17.6 | 18.1 | 17.7 | 17.9 |
| 160               | 11.5 | 11.0 | 10.9 | 10.4 | 10.4 | 10.1 | 10.2 | 9.94 | 10.3 | 10.3 | 11.0 | 11.3 | 12.2 | 12.4 | 13.2 | 13.1 | 13.7 | 13.3 | 13.5 |
| 165               | 7.28 | 6.89 | 6.59 | 6.22 | 6.11 | 5.87 | 5.86 | 5.64 | 5.85 | 6.01 | 6.68 | 7.08 | 7.84 | 8.04 | 8.63 | 8.64 | 9.14 | 8.91 | 9.02 |
| 170               | 3.64 | 3.26 | 2.97 | 2.60 | 2.41 | 2.20 | 2.21 | 2.10 | 2.18 | 2.34 | 2.76 | 3.05 | 3.67 | 3.81 | 4.39 | 4.53 | 4.87 | 4.68 | 4.78 |
| 175               | 0.28 | 0.22 | 0.23 | 0.22 | 0.23 | 0.52 | 0.23 | 0.19 | 0.23 | 0.21 | 0.23 | 0.19 | 0.26 | 0.24 | 0.44 | 0.44 | 0.66 | 0.59 | 0.53 |
| 180               | 0.23 | 0.23 | 0.23 | 0.22 | 0.23 | 0.22 | 0.18 | 0.19 | 0.22 | 0.21 | 0.23 | 0.19 | 0.22 | 0.22 | 0.22 | 0.19 | 0.22 | 0.22 | 0.19 |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                           |  |  |  |  |  |  |  |  |            |  |  |  |  |  |                          |  |  |
|---------------------------------------------------------------------------|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--------------------------|--|--|
| Test:U:48.00V I:0.1200A P:5.760W PF:1.000 Freq:0Hz Lamp Flux:425.476x1 lm |  |  |  |  |  |  |  |  |            |  |  |  |  |  |                          |  |  |
| NAME: LED Pendant Light                                                   |  |  |  |  |  |  |  |  | TYPE:fixed |  |  |  |  |  | WEIGHT:167g              |  |  |
| SPEC.:6W                                                                  |  |  |  |  |  |  |  |  | DIM.: D100 |  |  |  |  |  | SERIAL No.:SEN2026018.01 |  |  |
| MFR.: KOE Lighting Ltd.                                                   |  |  |  |  |  |  |  |  | SUR.:D100  |  |  |  |  |  | Shielding Angle:...      |  |  |

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                  | 39.2 | 39.0 | 38.9 | 38.7 | 38.6 | 38.6 | 38.6 | 38.5 | 38.5 | 38.5 | 38.5 | 38.4 | 38.5 | 38.4 | 38.4 | 38.4 | 38.4 |  |  |
| 5                  | 39.3 | 39.2 | 38.9 | 38.8 | 38.7 | 38.7 | 38.6 | 38.5 | 38.5 | 38.4 | 38.4 | 38.4 | 38.4 | 38.3 | 38.3 | 38.3 | 38.3 |  |  |
| 10                 | 39.5 | 39.3 | 39.1 | 39.0 | 38.8 | 38.7 | 38.6 | 38.5 | 38.5 | 38.4 | 38.4 | 38.3 | 38.3 | 38.3 | 38.3 | 38.2 | 38.2 |  |  |
| 15                 | 39.6 | 39.4 | 39.1 | 39.0 | 38.8 | 38.7 | 38.7 | 38.5 | 38.5 | 38.4 | 38.4 | 38.3 | 38.2 | 38.2 | 38.2 | 38.1 | 38.1 |  |  |
| 20                 | 39.7 | 39.4 | 39.2 | 39.0 | 38.8 | 38.7 | 38.7 | 38.5 | 38.5 | 38.4 | 38.3 | 38.2 | 38.2 | 38.1 | 38.1 | 37.9 | 37.9 |  |  |
| 25                 | 39.7 | 39.4 | 39.2 | 39.0 | 38.8 | 38.6 | 38.6 | 38.4 | 38.4 | 38.3 | 38.3 | 38.1 | 38.1 | 38.0 | 37.9 | 37.8 | 37.8 |  |  |
| 30                 | 39.7 | 39.3 | 39.1 | 38.9 | 38.7 | 38.5 | 38.5 | 38.3 | 38.3 | 38.2 | 38.1 | 38.0 | 37.9 | 37.8 | 37.8 | 37.6 | 37.6 |  |  |
| 35                 | 39.7 | 39.3 | 39.0 | 38.8 | 38.6 | 38.4 | 38.4 | 38.2 | 38.2 | 38.1 | 38.0 | 37.9 | 37.8 | 37.7 | 37.6 | 37.4 | 37.4 |  |  |
| 40                 | 39.6 | 39.3 | 39.0 | 38.7 | 38.5 | 38.3 | 38.3 | 38.1 | 38.1 | 38.0 | 37.9 | 37.8 | 37.7 | 37.6 | 37.5 | 37.3 | 37.3 |  |  |
| 45                 | 39.6 | 39.3 | 38.9 | 38.6 | 38.4 | 38.2 | 38.2 | 38.0 | 38.0 | 37.9 | 37.9 | 37.7 | 37.6 | 37.5 | 37.4 | 37.2 | 37.2 |  |  |
| 50                 | 39.7 | 39.3 | 38.9 | 38.5 | 38.3 | 38.1 | 38.1 | 37.9 | 37.9 | 37.8 | 37.8 | 37.7 | 37.6 | 37.4 | 37.4 | 37.2 | 37.1 |  |  |
| 55                 | 39.7 | 39.3 | 38.9 | 38.5 | 38.3 | 38.0 | 38.0 | 37.8 | 37.9 | 37.8 | 37.8 | 37.6 | 37.5 | 37.4 | 37.3 | 37.1 | 37.1 |  |  |
| 60                 | 39.7 | 39.3 | 38.8 | 38.5 | 38.2 | 37.9 | 37.9 | 37.8 | 37.8 | 37.7 | 37.7 | 37.6 | 37.5 | 37.4 | 37.3 | 37.1 | 37.1 |  |  |
| 65                 | 39.7 | 39.2 | 38.8 | 38.4 | 38.1 | 37.9 | 37.8 | 37.7 | 37.7 | 37.6 | 37.6 | 37.5 | 37.4 | 37.3 | 37.2 | 37.0 | 37.0 |  |  |
| 70                 | 39.6 | 39.1 | 38.6 | 38.2 | 37.9 | 37.7 | 37.6 | 37.5 | 37.5 | 37.5 | 37.5 | 37.3 | 37.2 | 37.1 | 37.1 | 36.9 | 37.0 |  |  |
| 75                 | 39.4 | 38.9 | 38.4 | 38.0 | 37.7 | 37.4 | 37.4 | 37.3 | 37.3 | 37.2 | 37.2 | 37.1 | 37.0 | 36.9 | 36.9 | 36.8 | 36.8 |  |  |
| 80                 | 39.1 | 38.5 | 38.1 | 37.7 | 37.4 | 37.2 | 37.1 | 36.9 | 37.0 | 36.9 | 36.9 | 36.8 | 36.5 | 36.6 | 36.6 | 36.5 | 36.6 |  |  |
| 85                 | 38.7 | 38.2 | 37.7 | 37.3 | 37.0 | 36.8 | 36.7 | 36.5 | 36.6 | 36.5 | 36.5 | 36.4 | 36.4 | 36.3 | 36.3 | 36.2 | 36.3 |  |  |
| 90                 | 38.2 | 37.7 | 37.3 | 36.9 | 36.5 | 36.3 | 36.2 | 36.1 | 36.1 | 36.1 | 36.0 | 35.9 | 35.9 | 35.8 | 35.9 | 35.8 | 35.9 |  |  |
| 95                 | 37.6 | 37.1 | 36.7 | 36.3 | 36.0 | 35.8 | 35.7 | 35.5 | 35.6 | 35.5 | 35.5 | 35.3 | 35.3 | 35.3 | 35.3 | 35.2 | 35.1 |  |  |
| 100                | 36.9 | 36.4 | 36.0 | 35.6 | 35.3 | 35.1 | 35.1 | 34.9 | 34.9 | 34.9 | 34.8 | 34.7 | 34.7 | 34.6 | 34.5 | 34.3 | 34.4 |  |  |
| 105                | 36.1 | 35.6 | 35.2 | 34.9 | 34.6 | 34.4 | 34.4 | 34.2 | 34.2 | 34.1 | 34.1 | 34.0 | 33.9 | 33.7 | 33.6 | 33.5 | 33.6 |  |  |
| 110                | 35.2 | 34.7 | 34.4 | 34.0 | 33.8 | 33.6 | 33.5 | 33.4 | 33.4 | 33.3 | 33.3 | 33.1 | 33.0 | 32.8 | 32.7 | 32.6 | 32.7 |  |  |
| 115                | 34.2 | 33.8 | 33.5 | 33.1 | 32.9 | 32.7 | 32.7 | 32.5 | 32.5 | 32.4 | 32.4 | 32.1 | 31.9 | 31.8 | 31.8 | 31.7 | 31.9 |  |  |
| 120                | 33.2 | 32.8 | 32.5 | 32.1 | 32.0 | 31.8 | 31.7 | 31.6 | 31.6 | 31.4 | 31.3 | 30.9 | 30.9 | 30.8 | 30.8 | 30.8 | 30.9 |  |  |
| 125                | 32.0 | 31.6 | 31.3 | 31.0 | 30.9 | 30.7 | 30.7 | 30.5 | 30.4 | 30.2 | 30.1 | 29.9 | 29.8 | 29.7 | 29.7 | 29.7 | 29.8 |  |  |
| 130                | 30.5 | 30.2 | 30.0 | 29.7 | 29.6 | 29.4 | 29.3 | 29.2 | 29.1 | 28.9 | 28.8 | 28.5 | 28.4 | 28.3 | 28.1 | 28.1 | 28.4 |  |  |
| 135                | 28.8 | 28.5 | 28.3 | 28.1 | 28.0 | 27.7 | 27.6 | 27.5 | 27.5 | 27.4 | 27.2 | 26.9 | 26.6 | 26.0 | 25.6 | 25.9 | 26.6 |  |  |
| 140                | 26.7 | 26.5 | 26.3 | 26.1 | 26.0 | 25.7 | 25.6 | 25.5 | 25.6 | 25.4 | 25.2 | 24.8 | 24.1 | 23.4 | 23.0 | 23.3 | 23.9 |  |  |
| 145                | 24.3 | 24.1 | 24.0 | 23.8 | 23.6 | 23.4 | 23.3 | 23.3 | 23.4 | 23.2 | 22.9 | 22.2 | 21.3 | 20.7 | 20.3 | 20.3 | 20.7 |  |  |
| 150                | 21.4 | 21.3 | 21.2 | 20.9 | 20.8 | 20.7 | 20.7 | 20.6 | 20.6 | 20.4 | 19.8 | 19.0 | 18.3 | 17.7 | 17.1 | 16.9 | 17.1 |  |  |
| 155                | 17.8 | 17.5 | 17.6 | 17.5 | 17.4 | 17.3 | 17.3 | 17.2 | 17.2 | 16.9 | 16.3 | 15.6 | 14.9 | 14.3 | 13.8 | 13.3 | 13.3 |  |  |
| 160                | 13.5 | 13.3 | 13.5 | 13.4 | 13.5 | 13.4 | 13.4 | 13.3 | 13.3 | 13.1 | 12.5 | 11.9 | 11.3 | 10.8 | 10.1 | 9.77 | 9.54 |  |  |
| 165                | 9.00 | 9.03 | 9.19 | 9.23 | 9.40 | 9.42 | 9.50 | 9.33 | 9.25 | 9.09 | 8.81 | 8.27 | 7.70 | 7.23 | 6.65 | 6.38 | 6.12 |  |  |
| 170                | 4.81 | 4.90 | 5.07 | 5.16 | 5.34 | 5.41 | 5.53 | 5.53 | 5.45 | 5.22 | 4.87 | 4.53 | 4.07 | 3.74 | 3.30 | 3.17 | 2.94 |  |  |
| 175                | 0.62 | 0.68 | 0.82 | 0.87 | 1.02 | 1.07 | 1.15 | 1.14 | 1.12 | 1.03 | 0.86 | 0.70 | 0.48 | 0.34 | 0.27 | 0.23 | 0.24 |  |  |
| 180                | 0.23 | 0.23 | 0.22 | 0.22 | 0.22 | 0.22 | 0.23 | 0.21 | 0.22 | 0.22 | 0.22 | 0.21 | 0.22 | 0.23 | 0.23 | 0.22 | 0.22 |  |  |

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Judy  
Test Date:2026-01-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:7.880m [K=1.0000]  
Remarks:

## Photometric Data Table [cd]

| G/C   | 0.0    | 10.0   | 20.0   | 30.0   | 40.0   | 50.0   | 60.0   | 70.0   | 80.0   | 90.0   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0   | 39.58  | 39.21  | 39.03  | 38.85  | 38.73  | 38.63  | 38.61  | 38.61  | 38.54  | 38.53  |
| 3.0   | 39.50  | 39.14  | 38.94  | 38.80  | 38.70  | 38.63  | 38.61  | 38.62  | 38.55  | 38.55  |
| 6.0   | 39.43  | 39.09  | 38.89  | 38.76  | 38.68  | 38.61  | 38.61  | 38.62  | 38.58  | 38.61  |
| 9.0   | 39.33  | 38.99  | 38.84  | 38.68  | 38.63  | 38.59  | 38.60  | 38.62  | 38.60  | 38.68  |
| 12.0  | 39.28  | 38.94  | 38.78  | 38.64  | 38.58  | 38.53  | 38.60  | 38.61  | 38.64  | 38.72  |
| 15.0  | 39.19  | 38.84  | 38.68  | 38.53  | 38.51  | 38.50  | 38.55  | 38.58  | 38.64  | 38.74  |
| 18.0  | 39.07  | 38.75  | 38.59  | 38.45  | 38.44  | 38.42  | 38.52  | 38.55  | 38.64  | 38.75  |
| 21.0  | 38.96  | 38.63  | 38.46  | 38.35  | 38.37  | 38.34  | 38.46  | 38.52  | 38.65  | 38.76  |
| 24.0  | 38.84  | 38.32  | 38.33  | 38.23  | 38.24  | 38.28  | 38.41  | 38.50  | 38.65  | 38.77  |
| 27.0  | 38.72  | 38.37  | 38.24  | 38.13  | 38.15  | 38.18  | 38.34  | 38.45  | 38.64  | 38.79  |
| 30.0  | 38.59  | 38.25  | 38.13  | 38.05  | 38.06  | 38.09  | 38.28  | 38.43  | 38.63  | 38.81  |
| 33.0  | 38.49  | 38.15  | 38.02  | 37.96  | 37.99  | 38.05  | 38.24  | 38.41  | 38.62  | 38.82  |
| 36.0  | 38.39  | 38.05  | 37.93  | 37.88  | 37.93  | 38.01  | 38.22  | 38.42  | 38.62  | 38.85  |
| 39.0  | 38.28  | 38.00  | 37.86  | 37.80  | 37.85  | 37.97  | 38.15  | 38.42  | 38.62  | 38.88  |
| 42.0  | 38.22  | 37.95  | 37.79  | 37.75  | 37.80  | 37.96  | 38.13  | 38.43  | 38.62  | 38.97  |
| 45.0  | 38.17  | 37.90  | 37.75  | 37.73  | 37.79  | 37.96  | 38.13  | 38.48  | 38.64  | 39.01  |
| 48.0  | 38.14  | 37.87  | 37.72  | 37.73  | 37.78  | 37.97  | 38.15  | 38.51  | 38.73  | 39.07  |
| 51.0  | 38.10  | 37.87  | 37.72  | 37.76  | 37.78  | 37.99  | 38.17  | 38.56  | 38.77  | 39.14  |
| 54.0  | 38.09  | 37.87  | 37.72  | 37.77  | 37.78  | 38.05  | 38.23  | 38.61  | 38.83  | 39.21  |
| 57.0  | 38.08  | 37.87  | 37.72  | 37.77  | 37.81  | 38.06  | 38.26  | 38.64  | 38.88  | 39.25  |
| 60.0  | 38.07  | 37.86  | 37.72  | 37.77  | 37.84  | 38.07  | 38.29  | 38.64  | 38.99  | 39.26  |
| 63.0  | 38.05  | 37.86  | 37.72  | 37.77  | 37.84  | 38.08  | 38.32  | 38.64  | 38.96  | 39.27  |
| 66.0  | 38.02  | 37.80  | 37.70  | 37.77  | 37.83  | 38.07  | 38.31  | 38.64  | 38.95  | 39.25  |
| 69.0  | 37.97  | 37.78  | 37.69  | 37.75  | 37.82  | 38.01  | 38.30  | 38.60  | 38.94  | 39.22  |
| 72.0  | 37.90  | 37.73  | 37.67  | 37.73  | 37.81  | 37.97  | 38.26  | 38.55  | 38.87  | 39.17  |
| 75.0  | 37.82  | 37.63  | 37.59  | 37.65  | 37.76  | 37.92  | 38.19  | 38.44  | 38.80  | 39.03  |
| 78.0  | 37.70  | 37.54  | 37.49  | 37.55  | 37.67  | 37.80  | 38.08  | 38.29  | 38.66  | 38.91  |
| 81.0  | 37.55  | 37.40  | 37.36  | 37.46  | 37.55  | 37.67  | 37.90  | 38.17  | 38.49  | 38.78  |
| 84.0  | 37.40  | 37.25  | 37.20  | 37.29  | 37.38  | 37.48  | 37.75  | 37.94  | 38.30  | 38.57  |
| 87.0  | 37.17  | 37.02  | 36.99  | 37.14  | 37.19  | 37.26  | 37.51  | 37.75  | 38.06  | 38.35  |
| 90.0  | 36.92  | 36.80  | 36.76  | 36.92  | 36.96  | 37.04  | 37.26  | 37.49  | 37.77  | 38.02  |
| 93.0  | 36.68  | 36.56  | 36.49  | 36.60  | 36.68  | 36.76  | 36.96  | 37.19  | 37.48  | 37.71  |
| 96.0  | 36.35  | 36.27  | 36.23  | 36.31  | 36.36  | 36.44  | 36.66  | 36.86  | 37.15  | 37.34  |
| 99.0  | 36.04  | 35.95  | 35.90  | 35.96  | 36.06  | 36.09  | 36.35  | 36.51  | 36.76  | 36.94  |
| 102.0 | 35.69  | 35.58  | 35.55  | 35.58  | 35.66  | 35.70  | 35.95  | 36.07  | 36.34  | 36.50  |
| 105.0 | 35.29  | 35.19  | 35.16  | 35.19  | 35.26  | 35.31  | 35.52  | 35.65  | 35.90  | 36.06  |
| 108.0 | 34.86  | 34.77  | 34.72  | 34.72  | 34.83  | 34.88  | 35.05  | 35.17  | 35.43  | 35.56  |
| 111.0 | 34.40  | 34.32  | 34.28  | 34.25  | 34.37  | 34.40  | 34.58  | 34.67  | 34.90  | 35.01  |
| 114.0 | 33.89  | 33.83  | 33.78  | 33.78  | 33.87  | 33.87  | 34.06  | 34.15  | 34.37  | 34.47  |
| 117.0 | 33.38  | 33.33  | 33.24  | 33.26  | 33.33  | 33.34  | 33.51  | 33.60  | 33.79  | 33.87  |
| 120.0 | 32.83  | 32.77  | 32.73  | 32.68  | 32.78  | 32.76  | 32.89  | 32.98  | 33.18  | 33.23  |
| 123.0 | 32.25  | 32.18  | 32.12  | 32.08  | 32.14  | 32.11  | 32.23  | 32.28  | 32.51  | 32.52  |
| 126.0 | 31.59  | 31.50  | 31.44  | 31.38  | 31.40  | 31.39  | 31.45  | 31.50  | 31.59  | 31.72  |
| 129.0 | 30.78  | 30.73  | 30.53  | 30.54  | 30.52  | 30.57  | 30.54  | 30.53  | 30.53  | 30.76  |
| 132.0 | 29.84  | 29.82  | 29.54  | 29.58  | 29.58  | 29.50  | 29.53  | 29.42  | 29.38  | 29.62  |
| 135.0 | 28.74  | 28.73  | 28.41  | 28.40  | 28.49  | 28.32  | 28.34  | 28.09  | 28.08  | 28.23  |
| 138.0 | 27.51  | 27.42  | 27.14  | 27.08  | 27.18  | 26.98  | 26.93  | 26.65  | 26.66  | 26.68  |
| 141.0 | 26.00  | 25.88  | 25.69  | 25.53  | 25.61  | 25.40  | 25.26  | 25.08  | 25.06  | 24.98  |
| 144.0 | 24.14  | 24.08  | 23.92  | 23.75  | 23.73  | 23.54  | 23.43  | 23.19  | 23.31  | 23.22  |
| 147.0 | 21.95  | 21.86  | 21.78  | 21.54  | 21.50  | 21.34  | 21.33  | 21.11  | 21.27  | 21.27  |
| 150.0 | 19.67  | 19.44  | 19.52  | 19.15  | 19.13  | 18.91  | 18.98  | 18.74  | 18.99  | 18.92  |
| 153.0 | 17.30  | 16.95  | 17.12  | 16.61  | 16.67  | 16.38  | 16.52  | 16.21  | 16.52  | 16.44  |
| 156.0 | 14.82  | 14.45  | 14.48  | 13.98  | 14.04  | 13.73  | 13.86  | 13.55  | 13.91  | 13.84  |
| 159.0 | 12.30  | 11.88  | 11.75  | 11.30  | 11.32  | 11.00  | 11.16  | 10.86  | 11.22  | 11.21  |
| 162.0 | 9.761  | 9.327  | 9.108  | 8.694  | 8.624  | 8.343  | 8.451  | 8.158  | 8.512  | 8.573  |
| 165.0 | 7.280  | 6.890  | 6.591  | 6.220  | 6.107  | 5.866  | 5.861  | 5.636  | 5.853  | 6.010  |
| 168.0 | 5.069  | 4.624  | 4.331  | 3.946  | 3.811  | 3.607  | 3.597  | 3.410  | 3.541  | 3.688  |
| 171.0 | 2.911  | 2.619  | 2.138  | 1.988  | 1.785  | 1.547  | 1.531  | 1.503  | 1.619  | 1.713  |
| 174.0 | 0.6978 | 0.5453 | 0.5031 | 0.3535 | 0.3190 | 0.6716 | 0.2488 | 0.1976 | 0.2626 | 0.2297 |
| 177.0 | 0.2339 | 0.2218 | 0.2258 | 0.2178 | 0.2298 | 0.2218 | 0.2218 | 0.1936 | 0.2178 | 0.2137 |
| 180.0 | 0.2298 | 0.2258 | 0.2258 | 0.2178 | 0.2298 | 0.2218 | 0.1815 | 0.1936 | 0.2178 | 0.2137 |
| G/C   | 100.0  | 110.0  | 120.0  | 130.0  | 140.0  | 150.0  | 160.0  | 170.0  | 180.0  | 190.0  |
| 0.0   | 38.47  | 38.51  | 38.45  | 38.48  | 38.42  | 38.42  | 38.37  | 38.43  | 39.58  | 39.21  |
| 3.0   | 38.51  | 38.57  | 38.49  | 38.55  | 38.51  | 38.51  | 38.42  | 38.47  | 39.65  | 39.29  |
| 6.0   | 38.59  | 38.68  | 38.59  | 38.64  | 38.60  | 38.58  | 38.51  | 38.55  | 39.79  | 39.36  |
| 9.0   | 38.66  | 38.75  | 38.69  | 38.72  | 38.70  | 38.72  | 38.62  | 38.62  | 39.92  | 39.45  |
| 12.0  | 38.74  | 38.84  | 38.74  | 38.80  | 38.78  | 38.76  | 38.69  | 38.68  | 39.99  | 39.57  |
| 15.0  | 38.77  | 38.89  | 38.83  | 38.86  | 38.87  | 38.86  | 38.74  | 38.72  | 40.07  | 39.61  |
| 18.0  | 38.80  | 38.91  | 38.88  | 38.97  | 38.95  | 38.89  | 38.81  | 38.78  | 40.10  | 39.65  |
| 21.0  | 38.86  | 38.96  | 38.91  | 39.02  | 39.01  | 38.94  | 38.86  | 38.81  | 40.15  | 39.66  |
| 24.0  | 38.88  | 38.99  | 38.97  | 39.09  | 39.05  | 38.99  | 38.89  | 38.84  | 40.17  | 39.66  |
| 27.0  | 38.92  | 39.07  | 39.04  | 39.13  | 39.11  | 39.04  | 38.91  | 38.85  | 40.19  | 39.66  |
| 30.0  | 38.93  | 39.10  | 39.10  | 39.21  | 39.16  | 39.08  | 38.93  | 38.86  | 40.20  | 39.66  |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Judy  
 Test Date: 2026-01-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

|       |        |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 33.0  | 38.95  | 39.17  | 39.17  | 39.29  | 39.21  | 39.14  | 38.98  | 38.88  | 40.22  | 39.66  |
| 36.0  | 39.02  | 39.22  | 39.26  | 39.35  | 39.28  | 39.22  | 39.04  | 38.91  | 40.23  | 39.66  |
| 39.0  | 39.03  | 39.27  | 39.35  | 39.44  | 39.36  | 39.27  | 39.07  | 38.93  | 40.26  | 39.64  |
| 42.0  | 39.15  | 39.36  | 39.44  | 39.54  | 39.44  | 39.34  | 39.14  | 39.01  | 40.29  | 39.64  |
| 45.0  | 39.22  | 39.47  | 39.52  | 39.62  | 39.57  | 39.43  | 39.20  | 39.05  | 40.34  | 39.65  |
| 48.0  | 39.28  | 39.54  | 39.63  | 39.72  | 39.65  | 39.51  | 39.27  | 39.11  | 40.35  | 39.66  |
| 51.0  | 39.39  | 39.63  | 39.74  | 39.81  | 39.72  | 39.61  | 39.35  | 39.17  | 40.40  | 39.68  |
| 54.0  | 39.45  | 39.76  | 39.82  | 39.96  | 39.85  | 39.71  | 39.41  | 39.25  | 40.44  | 39.70  |
| 57.0  | 39.49  | 39.77  | 39.91  | 40.03  | 39.95  | 39.78  | 39.50  | 39.30  | 40.46  | 39.71  |
| 60.0  | 39.54  | 39.83  | 39.97  | 40.09  | 40.03  | 39.86  | 39.57  | 39.31  | 40.47  | 39.71  |
| 63.0  | 39.59  | 39.84  | 40.01  | 40.13  | 40.08  | 39.91  | 39.60  | 39.35  | 40.45  | 39.70  |
| 66.0  | 39.60  | 39.84  | 40.03  | 40.14  | 40.09  | 39.95  | 39.61  | 39.31  | 40.42  | 39.69  |
| 69.0  | 39.67  | 39.82  | 40.02  | 40.13  | 40.10  | 39.84  | 39.62  | 39.27  | 40.34  | 39.62  |
| 72.0  | 39.50  | 39.78  | 39.99  | 40.07  | 40.05  | 39.81  | 39.58  | 39.19  | 40.24  | 39.53  |
| 75.0  | 39.42  | 39.67  | 39.90  | 39.96  | 39.97  | 39.74  | 39.49  | 39.11  | 40.15  | 39.39  |
| 78.0  | 39.31  | 39.50  | 39.75  | 39.82  | 39.83  | 39.58  | 39.37  | 38.99  | 39.97  | 39.25  |
| 81.0  | 39.12  | 39.32  | 39.59  | 39.65  | 39.66  | 39.42  | 39.19  | 38.83  | 39.78  | 39.02  |
| 84.0  | 38.89  | 39.11  | 39.33  | 39.41  | 39.45  | 39.23  | 39.02  | 38.64  | 39.53  | 38.77  |
| 87.0  | 38.65  | 38.85  | 39.10  | 39.17  | 39.20  | 38.98  | 38.79  | 38.37  | 39.23  | 38.52  |
| 90.0  | 38.38  | 38.55  | 38.80  | 38.87  | 38.93  | 38.70  | 38.51  | 38.09  | 38.94  | 38.21  |
| 93.0  | 38.06  | 38.24  | 38.48  | 38.53  | 38.59  | 38.36  | 38.18  | 37.77  | 38.60  | 37.88  |
| 96.0  | 37.68  | 37.86  | 38.20  | 38.11  | 38.23  | 38.00  | 37.84  | 37.42  | 38.21  | 37.46  |
| 99.0  | 37.28  | 37.43  | 37.70  | 37.75  | 37.83  | 37.59  | 37.40  | 37.01  | 37.77  | 37.02  |
| 102.0 | 36.84  | 36.97  | 37.26  | 37.29  | 37.38  | 37.17  | 36.96  | 36.59  | 37.29  | 36.57  |
| 105.0 | 36.37  | 36.49  | 36.75  | 36.76  | 36.87  | 36.69  | 36.52  | 36.14  | 36.79  | 36.10  |
| 108.0 | 35.87  | 35.97  | 36.21  | 36.26  | 36.35  | 36.14  | 36.00  | 35.62  | 36.26  | 35.57  |
| 111.0 | 35.32  | 35.42  | 35.66  | 35.69  | 35.81  | 35.59  | 35.48  | 35.08  | 35.70  | 35.01  |
| 114.0 | 34.74  | 34.83  | 35.05  | 35.09  | 35.21  | 34.99  | 34.89  | 34.48  | 35.08  | 34.40  |
| 117.0 | 34.15  | 34.22  | 34.44  | 34.46  | 34.60  | 34.37  | 34.33  | 33.91  | 34.45  | 33.81  |
| 120.0 | 33.52  | 33.55  | 33.79  | 33.80  | 33.95  | 33.74  | 33.68  | 33.29  | 33.84  | 33.17  |
| 123.0 | 32.77  | 32.82  | 33.04  | 33.05  | 33.23  | 33.04  | 33.00  | 32.60  | 33.16  | 32.48  |
| 126.0 | 31.94  | 31.99  | 32.25  | 32.25  | 32.43  | 32.23  | 32.19  | 31.83  | 32.34  | 31.73  |
| 129.0 | 31.00  | 31.03  | 31.36  | 31.34  | 31.54  | 31.30  | 31.28  | 30.93  | 31.47  | 30.84  |
| 132.0 | 29.93  | 29.99  | 30.36  | 30.33  | 30.53  | 30.25  | 30.30  | 29.97  | 30.46  | 29.88  |
| 135.0 | 28.74  | 28.81  | 29.21  | 29.20  | 29.39  | 29.12  | 29.29  | 28.87  | 29.34  | 28.79  |
| 138.0 | 27.33  | 27.49  | 27.92  | 27.98  | 28.13  | 27.84  | 27.93  | 27.65  | 28.09  | 27.58  |
| 141.0 | 25.75  | 26.04  | 26.52  | 26.56  | 26.75  | 26.47  | 26.60  | 26.33  | 26.73  | 26.26  |
| 144.0 | 23.96  | 24.37  | 24.93  | 25.00  | 25.25  | 24.95  | 25.12  | 24.86  | 25.25  | 24.86  |
| 147.0 | 21.96  | 22.46  | 23.10  | 23.23  | 23.56  | 23.31  | 23.54  | 23.23  | 23.54  | 23.27  |
| 150.0 | 19.63  | 20.12  | 20.98  | 21.14  | 21.62  | 21.48  | 21.79  | 21.47  | 21.69  | 21.44  |
| 153.0 | 17.17  | 17.56  | 18.49  | 18.63  | 19.30  | 19.23  | 19.69  | 19.36  | 19.53  | 19.35  |
| 156.0 | 14.60  | 14.89  | 15.83  | 16.01  | 16.79  | 16.69  | 17.26  | 16.87  | 17.02  | 16.95  |
| 159.0 | 11.89  | 12.19  | 13.14  | 13.33  | 14.09  | 14.00  | 14.57  | 14.24  | 14.36  | 14.35  |
| 162.0 | 9.165  | 9.593  | 10.45  | 10.64  | 11.35  | 11.27  | 11.82  | 11.54  | 11.65  | 11.68  |
| 165.0 | 6.675  | 7.083  | 7.845  | 8.042  | 8.632  | 8.639  | 9.136  | 8.905  | 9.016  | 8.996  |
| 168.0 | 4.315  | 4.683  | 5.340  | 5.497  | 6.022  | 6.115  | 6.546  | 6.340  | 6.403  | 6.439  |
| 171.0 | 2.052  | 2.260  | 2.784  | 2.952  | 3.581  | 3.718  | 4.061  | 3.852  | 3.993  | 4.014  |
| 174.0 | 0.3446 | 0.3213 | 0.5923 | 0.6653 | 1.042  | 1.067  | 1.346  | 1.248  | 1.170  | 1.266  |
| 177.0 | 0.2258 | 0.1895 | 0.2258 | 0.2178 | 0.2259 | 0.1895 | 0.2262 | 0.2218 | 0.1936 | 0.2300 |
| 180.0 | 0.2258 | 0.1895 | 0.2218 | 0.2178 | 0.2218 | 0.1895 | 0.2218 | 0.2218 | 0.1936 | 0.2258 |
| G/C   | 200.0  | 210.0  | 220.0  | 230.0  | 240.0  | 250.0  | 260.0  | 270.0  | 280.0  | 290.0  |
| 0.0   | 39.03  | 38.85  | 38.73  | 38.63  | 38.61  | 38.61  | 38.54  | 38.53  | 38.47  | 38.51  |
| 3.0   | 39.12  | 38.92  | 38.82  | 38.68  | 38.63  | 38.60  | 38.53  | 38.51  | 38.45  | 38.49  |
| 6.0   | 39.18  | 38.96  | 38.87  | 38.60  | 38.65  | 38.61  | 38.53  | 38.50  | 38.44  | 38.45  |
| 9.0   | 39.28  | 39.02  | 38.97  | 38.78  | 38.67  | 38.62  | 38.53  | 38.49  | 38.44  | 38.42  |
| 12.0  | 39.32  | 39.10  | 38.98  | 38.82  | 38.67  | 38.64  | 38.55  | 38.48  | 38.43  | 38.40  |
| 15.0  | 39.38  | 39.13  | 39.00  | 38.83  | 38.68  | 38.67  | 38.54  | 38.47  | 38.42  | 38.38  |
| 18.0  | 39.38  | 39.16  | 39.01  | 38.83  | 38.68  | 38.68  | 38.52  | 38.46  | 38.40  | 38.37  |
| 21.0  | 39.39  | 39.16  | 39.01  | 38.83  | 38.68  | 38.67  | 38.48  | 38.45  | 38.34  | 38.34  |
| 24.0  | 39.36  | 39.16  | 39.02  | 38.78  | 38.65  | 38.63  | 38.42  | 38.42  | 38.33  | 38.26  |
| 27.0  | 39.34  | 39.14  | 38.91  | 38.75  | 38.58  | 38.56  | 38.38  | 38.37  | 38.24  | 38.22  |
| 30.0  | 39.33  | 39.10  | 38.87  | 38.70  | 38.51  | 38.51  | 38.33  | 38.30  | 38.16  | 38.14  |
| 33.0  | 39.30  | 39.08  | 38.82  | 38.65  | 38.46  | 38.45  | 38.26  | 38.23  | 38.11  | 38.07  |
| 36.0  | 39.28  | 39.01  | 38.76  | 38.59  | 38.40  | 38.35  | 38.18  | 38.16  | 38.05  | 38.02  |
| 39.0  | 39.27  | 38.98  | 38.72  | 38.53  | 38.31  | 38.29  | 38.12  | 38.10  | 37.99  | 37.95  |
| 42.0  | 39.26  | 38.95  | 38.69  | 38.47  | 38.25  | 38.24  | 38.04  | 38.05  | 37.96  | 37.92  |
| 45.0  | 39.26  | 38.95  | 38.61  | 38.41  | 38.20  | 38.17  | 37.99  | 37.97  | 37.92  | 37.87  |
| 48.0  | 39.26  | 38.91  | 38.58  | 38.35  | 38.12  | 38.10  | 37.94  | 37.94  | 37.84  | 37.81  |
| 51.0  | 39.27  | 38.88  | 38.53  | 38.34  | 38.09  | 38.04  | 37.90  | 37.91  | 37.84  | 37.78  |
| 54.0  | 39.27  | 38.87  | 38.52  | 38.30  | 38.04  | 38.02  | 37.85  | 37.88  | 37.81  | 37.76  |
| 57.0  | 39.27  | 38.86  | 38.50  | 38.24  | 38.01  | 37.95  | 37.81  | 37.83  | 37.78  | 37.74  |
| 60.0  | 39.26  | 38.85  | 38.47  | 38.21  | 37.95  | 37.90  | 37.77  | 37.78  | 37.73  | 37.71  |
| 63.0  | 39.24  | 38.82  | 38.44  | 38.13  | 37.89  | 37.85  | 37.69  | 37.69  | 37.66  | 37.66  |
| 66.0  | 39.18  | 38.73  | 38.34  | 38.05  | 37.84  | 37.78  | 37.63  | 37.65  | 37.58  | 37.58  |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Judy  
 Test Date: 2026-01-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

|       |        |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 69.0  | 39.08  | 38.66  | 38.23  | 37.95  | 37.73  | 37.66  | 37.50  | 37.57  | 37.48  | 37.49  |
| 72.0  | 39.00  | 38.54  | 38.12  | 37.84  | 37.60  | 37.52  | 37.39  | 37.44  | 37.37  | 37.38  |
| 75.0  | 38.86  | 38.43  | 37.99  | 37.70  | 37.45  | 37.37  | 37.26  | 37.29  | 37.23  | 37.22  |
| 78.0  | 38.70  | 38.27  | 37.84  | 37.53  | 37.31  | 37.22  | 37.07  | 37.11  | 37.06  | 37.05  |
| 81.0  | 38.48  | 38.05  | 37.64  | 37.33  | 37.10  | 37.02  | 36.86  | 36.89  | 36.87  | 36.85  |
| 84.0  | 38.27  | 37.84  | 37.40  | 37.08  | 36.85  | 36.78  | 36.64  | 36.67  | 36.62  | 36.61  |
| 87.0  | 37.98  | 37.57  | 37.15  | 36.82  | 36.59  | 36.52  | 36.36  | 36.41  | 36.35  | 36.35  |
| 90.0  | 37.68  | 37.32  | 36.87  | 36.53  | 36.33  | 36.24  | 36.08  | 36.11  | 36.06  | 36.03  |
| 93.0  | 37.34  | 36.98  | 36.53  | 36.23  | 35.99  | 35.93  | 35.75  | 35.77  | 35.74  | 35.70  |
| 96.0  | 36.99  | 36.60  | 36.17  | 35.87  | 35.63  | 35.57  | 35.41  | 35.41  | 35.38  | 35.34  |
| 99.0  | 36.59  | 36.20  | 35.76  | 35.49  | 35.26  | 35.19  | 35.04  | 35.03  | 34.98  | 34.99  |
| 102.0 | 36.13  | 35.72  | 35.34  | 35.06  | 34.80  | 34.78  | 34.61  | 34.61  | 34.58  | 34.56  |
| 105.0 | 35.63  | 35.25  | 34.88  | 34.62  | 34.39  | 34.35  | 34.18  | 34.17  | 34.14  | 34.11  |
| 108.0 | 35.11  | 34.74  | 34.37  | 34.14  | 33.93  | 33.86  | 33.74  | 33.74  | 33.67  | 33.65  |
| 111.0 | 34.55  | 34.24  | 33.83  | 33.64  | 33.44  | 33.37  | 33.23  | 33.22  | 33.13  | 33.12  |
| 114.0 | 34.01  | 33.64  | 33.28  | 33.11  | 32.90  | 32.84  | 32.70  | 32.73  | 32.62  | 32.56  |
| 117.0 | 33.41  | 33.07  | 32.73  | 32.54  | 32.36  | 32.31  | 32.17  | 32.17  | 32.06  | 31.92  |
| 120.0 | 32.77  | 32.46  | 32.14  | 31.97  | 31.79  | 31.73  | 31.62  | 31.57  | 31.40  | 31.26  |
| 123.0 | 32.11  | 31.82  | 31.51  | 31.33  | 31.17  | 31.15  | 31.01  | 30.88  | 30.72  | 30.60  |
| 126.0 | 31.35  | 31.08  | 30.81  | 30.64  | 30.50  | 30.46  | 30.28  | 30.15  | 30.00  | 29.89  |
| 129.0 | 30.52  | 30.27  | 30.00  | 29.89  | 29.68  | 29.65  | 29.47  | 29.35  | 29.20  | 29.09  |
| 132.0 | 29.57  | 29.35  | 29.09  | 28.99  | 28.76  | 28.68  | 28.55  | 28.46  | 28.34  | 28.18  |
| 135.0 | 28.51  | 28.29  | 28.10  | 27.99  | 27.74  | 27.62  | 27.51  | 27.50  | 27.40  | 27.17  |
| 138.0 | 27.31  | 27.15  | 26.96  | 26.83  | 26.58  | 26.42  | 26.37  | 26.39  | 26.26  | 26.04  |
| 141.0 | 26.01  | 25.90  | 25.73  | 25.58  | 25.30  | 25.16  | 25.12  | 25.20  | 25.01  | 24.77  |
| 144.0 | 24.60  | 24.52  | 24.35  | 24.16  | 23.91  | 23.81  | 23.77  | 23.85  | 23.68  | 23.39  |
| 147.0 | 23.06  | 22.98  | 22.75  | 22.57  | 22.34  | 22.30  | 22.25  | 22.33  | 22.12  | 21.75  |
| 150.0 | 21.26  | 21.19  | 20.95  | 20.82  | 20.68  | 20.65  | 20.62  | 20.61  | 20.36  | 19.79  |
| 153.0 | 19.15  | 19.16  | 18.95  | 18.91  | 18.77  | 18.74  | 18.65  | 18.63  | 18.33  | 17.71  |
| 156.0 | 16.71  | 16.83  | 16.67  | 16.66  | 16.55  | 16.55  | 16.35  | 16.48  | 16.15  | 15.52  |
| 159.0 | 14.16  | 14.36  | 14.19  | 14.35  | 14.15  | 14.22  | 14.04  | 14.09  | 13.94  | 13.26  |
| 162.0 | 11.59  | 11.78  | 11.72  | 11.88  | 11.83  | 11.79  | 11.67  | 11.61  | 11.49  | 11.03  |
| 165.0 | 9.032  | 9.190  | 9.226  | 9.403  | 9.424  | 9.495  | 9.332  | 9.249  | 9.085  | 8.806  |
| 168.0 | 6.524  | 6.701  | 6.782  | 6.963  | 7.016  | 7.116  | 7.093  | 6.978  | 6.730  | 6.402  |
| 171.0 | 4.062  | 4.236  | 4.333  | 4.523  | 4.619  | 4.736  | 4.703  | 4.655  | 4.442  | 4.115  |
| 174.0 | 1.339  | 1.500  | 1.576  | 1.751  | 1.805  | 1.896  | 1.882  | 1.855  | 1.745  | 1.532  |
| 177.0 | 0.2258 | 0.2309 | 0.1815 | 0.2360 | 0.2258 | 0.2448 | 0.2177 | 0.2366 | 0.2218 | 0.2270 |
| 180.0 | 0.2258 | 0.2218 | 0.2178 | 0.2178 | 0.2218 | 0.2258 | 0.2137 | 0.2178 | 0.2218 | 0.2178 |
| G/C   | 300.0  | 310.0  | 320.0  | 330.0  | 340.0  | 350.0  |        |        |        |        |
| 0.0   | 38.45  | 38.48  | 38.42  | 38.42  | 38.37  | 38.43  |        |        |        |        |
| 3.0   | 38.38  | 38.42  | 38.36  | 38.35  | 38.32  | 38.37  |        |        |        |        |
| 6.0   | 38.34  | 38.38  | 38.32  | 38.31  | 38.25  | 38.28  |        |        |        |        |
| 9.0   | 38.31  | 38.34  | 38.29  | 38.28  | 38.21  | 38.23  |        |        |        |        |
| 12.0  | 38.28  | 38.28  | 38.25  | 38.22  | 38.14  | 38.18  |        |        |        |        |
| 15.0  | 38.27  | 38.24  | 38.19  | 38.16  | 38.08  | 38.09  |        |        |        |        |
| 18.0  | 38.24  | 38.21  | 38.14  | 38.10  | 38.00  | 38.01  |        |        |        |        |
| 21.0  | 38.18  | 38.15  | 38.08  | 38.03  | 37.91  | 37.90  |        |        |        |        |
| 24.0  | 38.10  | 38.09  | 37.99  | 37.95  | 37.80  | 37.80  |        |        |        |        |
| 27.0  | 38.03  | 38.02  | 37.90  | 37.85  | 37.70  | 37.71  |        |        |        |        |
| 30.0  | 37.98  | 37.95  | 37.84  | 37.78  | 37.61  | 37.59  |        |        |        |        |
| 33.0  | 37.91  | 37.85  | 37.77  | 37.70  | 37.49  | 37.49  |        |        |        |        |
| 36.0  | 37.84  | 37.79  | 37.69  | 37.59  | 37.42  | 37.41  |        |        |        |        |
| 39.0  | 37.78  | 37.74  | 37.61  | 37.51  | 37.33  | 37.34  |        |        |        |        |
| 42.0  | 37.74  | 37.68  | 37.57  | 37.48  | 37.26  | 37.26  |        |        |        |        |
| 45.0  | 37.71  | 37.63  | 37.52  | 37.41  | 37.22  | 37.22  |        |        |        |        |
| 48.0  | 37.69  | 37.61  | 37.48  | 37.36  | 37.19  | 37.15  |        |        |        |        |
| 51.0  | 37.65  | 37.55  | 37.42  | 37.36  | 37.16  | 37.12  |        |        |        |        |
| 54.0  | 37.61  | 37.53  | 37.40  | 37.31  | 37.14  | 37.09  |        |        |        |        |
| 57.0  | 37.61  | 37.50  | 37.38  | 37.30  | 37.12  | 37.08  |        |        |        |        |
| 60.0  | 37.55  | 37.47  | 37.38  | 37.28  | 37.09  | 37.07  |        |        |        |        |
| 63.0  | 37.49  | 37.45  | 37.33  | 37.24  | 37.05  | 37.05  |        |        |        |        |
| 66.0  | 37.45  | 37.40  | 37.25  | 37.20  | 37.04  | 37.04  |        |        |        |        |
| 69.0  | 37.35  | 37.28  | 37.18  | 37.13  | 36.94  | 36.98  |        |        |        |        |
| 72.0  | 37.21  | 37.17  | 37.06  | 37.01  | 36.86  | 36.93  |        |        |        |        |
| 75.0  | 37.09  | 37.01  | 36.90  | 36.89  | 36.75  | 36.84  |        |        |        |        |
| 78.0  | 36.92  | 36.85  | 36.76  | 36.76  | 36.63  | 36.69  |        |        |        |        |
| 81.0  | 36.70  | 36.61  | 36.56  | 36.59  | 36.39  | 36.56  |        |        |        |        |
| 84.0  | 36.46  | 36.45  | 36.36  | 36.36  | 36.27  | 36.37  |        |        |        |        |
| 87.0  | 36.21  | 36.18  | 36.11  | 36.14  | 36.08  | 36.18  |        |        |        |        |
| 90.0  | 35.90  | 35.88  | 35.84  | 35.86  | 35.79  | 35.91  |        |        |        |        |
| 93.0  | 35.57  | 35.56  | 35.52  | 35.55  | 35.49  | 35.47  |        |        |        |        |
| 96.0  | 35.23  | 35.20  | 35.16  | 35.18  | 35.00  | 34.99  |        |        |        |        |
| 99.0  | 34.85  | 34.83  | 34.80  | 34.70  | 34.52  | 34.53  |        |        |        |        |
| 102.0 | 34.42  | 34.42  | 34.27  | 34.17  | 34.00  | 34.03  |        |        |        |        |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Judy  
 Test Date: 2026-01-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

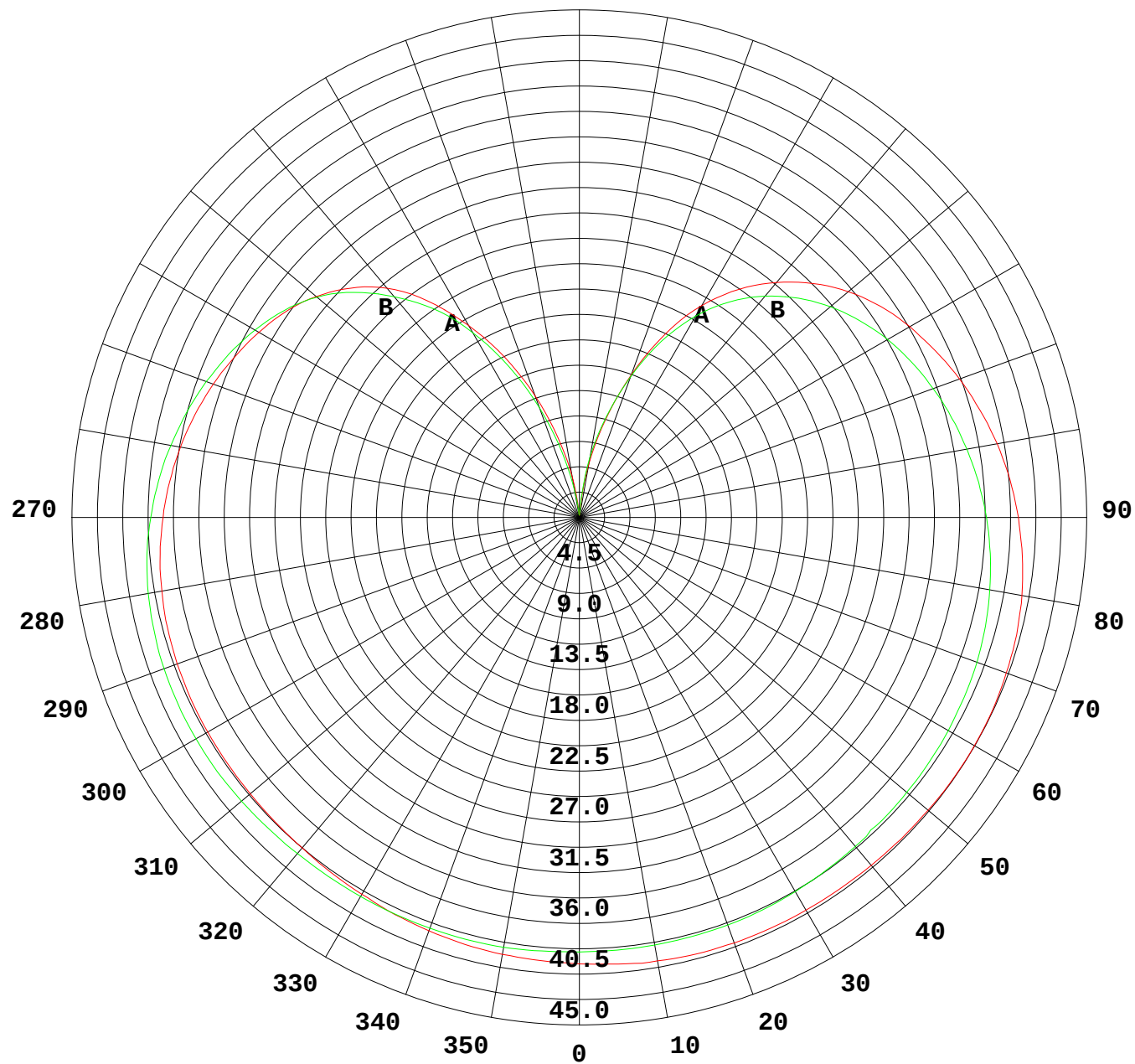
## Photometric Data Table [cd]

|       |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|
| 105.0 | 34.00  | 33.92  | 33.69  | 33.63  | 33.53  | 33.56  |
| 108.0 | 33.53  | 33.35  | 33.13  | 33.10  | 32.98  | 33.09  |
| 111.0 | 32.92  | 32.76  | 32.58  | 32.52  | 32.45  | 32.57  |
| 114.0 | 32.29  | 32.15  | 32.00  | 31.99  | 31.90  | 32.04  |
| 117.0 | 31.66  | 31.53  | 31.42  | 31.39  | 31.37  | 31.50  |
| 120.0 | 30.92  | 30.93  | 30.80  | 30.79  | 30.81  | 30.90  |
| 123.0 | 30.37  | 30.27  | 30.17  | 30.16  | 30.16  | 30.29  |
| 126.0 | 29.64  | 29.56  | 29.45  | 29.44  | 29.46  | 29.59  |
| 129.0 | 28.85  | 28.69  | 28.62  | 28.46  | 28.52  | 28.74  |
| 132.0 | 27.94  | 27.73  | 27.44  | 27.11  | 27.25  | 27.77  |
| 135.0 | 26.89  | 26.63  | 26.00  | 25.56  | 25.89  | 26.60  |
| 138.0 | 25.73  | 25.20  | 24.40  | 24.04  | 24.37  | 25.04  |
| 141.0 | 24.34  | 23.55  | 22.85  | 22.48  | 22.70  | 23.31  |
| 144.0 | 22.76  | 21.92  | 21.25  | 20.85  | 20.97  | 21.43  |
| 147.0 | 20.98  | 20.19  | 19.55  | 19.02  | 19.00  | 19.27  |
| 150.0 | 19.02  | 18.28  | 17.67  | 17.09  | 16.90  | 17.09  |
| 153.0 | 17.00  | 16.29  | 15.70  | 15.13  | 14.76  | 14.83  |
| 156.0 | 14.86  | 14.20  | 13.63  | 13.04  | 12.59  | 12.47  |
| 159.0 | 12.67  | 12.03  | 11.48  | 10.87  | 10.48  | 10.24  |
| 162.0 | 10.46  | 9.834  | 9.335  | 8.729  | 8.387  | 8.181  |
| 165.0 | 8.271  | 7.696  | 7.231  | 6.648  | 6.377  | 6.123  |
| 168.0 | 6.048  | 5.523  | 5.138  | 4.615  | 4.441  | 4.235  |
| 171.0 | 3.789  | 3.324  | 3.031  | 2.622  | 2.512  | 2.271  |
| 174.0 | 1.311  | 1.019  | 0.8088 | 0.6184 | 0.5046 | 0.4319 |
| 177.0 | 0.2137 | 0.2219 | 0.2218 | 0.2339 | 0.2218 | 0.2258 |
| 180.0 | 0.2137 | 0.2178 | 0.2258 | 0.2258 | 0.2218 | 0.2178 |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Judy  
 Test Date: 2026-01-14

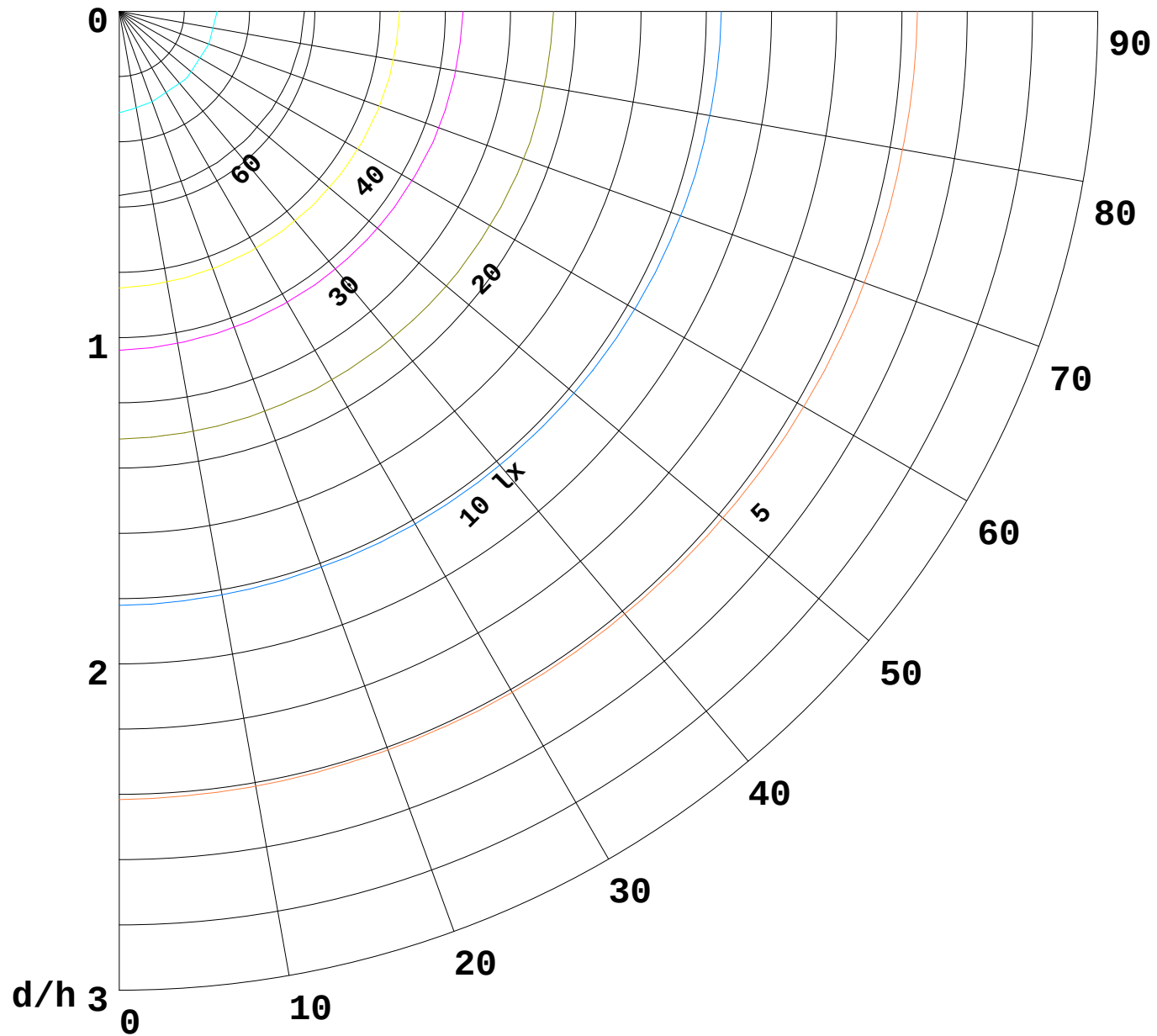
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.880m [K=1.0000]  
 Remarks:

**I(cd)**



1000  $\lambda_m$

$K = 1$



F = 1000 lm  
 K = 0.7  
 Hcc = 0.8 m  
 Hfc = 0.0 m  
 Eave = 100 lx

|       |     |    |     |
|-------|-----|----|-----|
|       | Pcc | Pw | Pfc |
| ————— | 70  | 50 | 30  |
| ————— | 50  | 30 | 20  |

