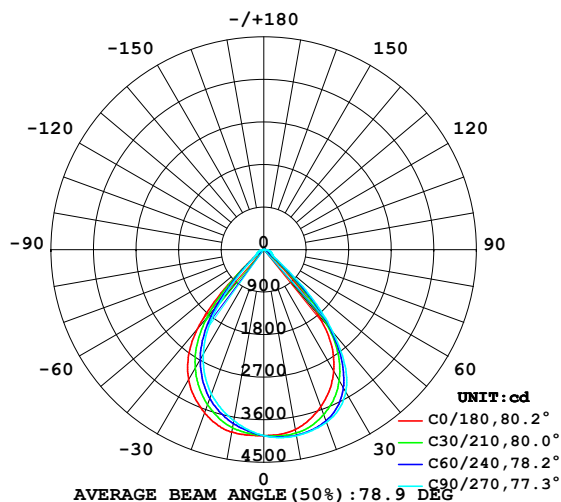


## LUMINAIRE PHOTOMETRIC TEST REPORT

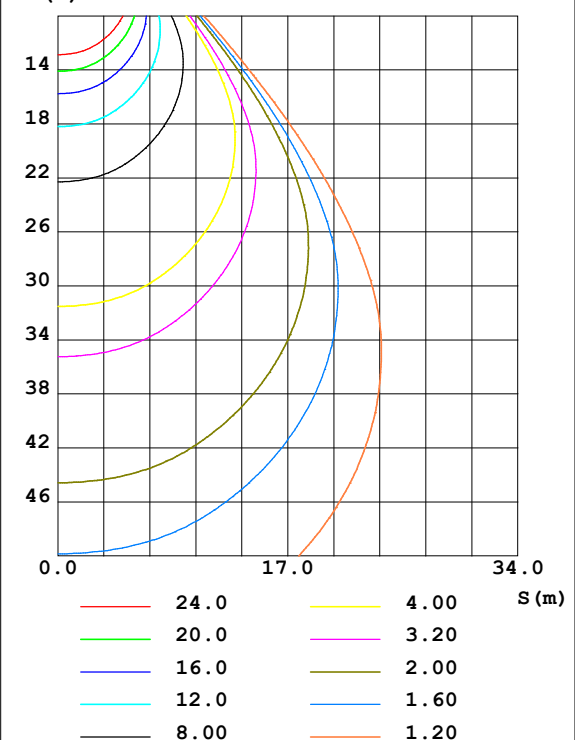
|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION ANGLE: |

| DATA OF LAMP      |         | PHOTOMETRIC DATA Eff: 149.46 lm/W |        |                     |           |
|-------------------|---------|-----------------------------------|--------|---------------------|-----------|
| MODEL             |         | I <sub>max</sub> (cd)             | 4007   | S/MH (C0/180)       | 1.12      |
| NOMINAL POWER (W) | 40      | LOR (%)                           | 100.0  | S/MH (C90/270)      | 1.20      |
| RATED VOLTAGE (V) | 120     | TOTAL FLUX (lm)                   | 5739.2 | □ UP, DN (C0-180)   | 0.2, 54.7 |
| NOMINAL FLUX (lm) | 5739.18 | CIE CLASS                         | DIRECT | □ UP, DN (C180-360) | 0.2, 44.9 |
| LAMPS INSIDE      | 1       | □ up (%)                          | 0.5    | CIBSE SHR NOM       | 1.00      |
| TEST VOLTAGE (V)  | 119.5   | □ down (%)                        | 99.5   | CIBSE SHR MAX       | 1.15      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



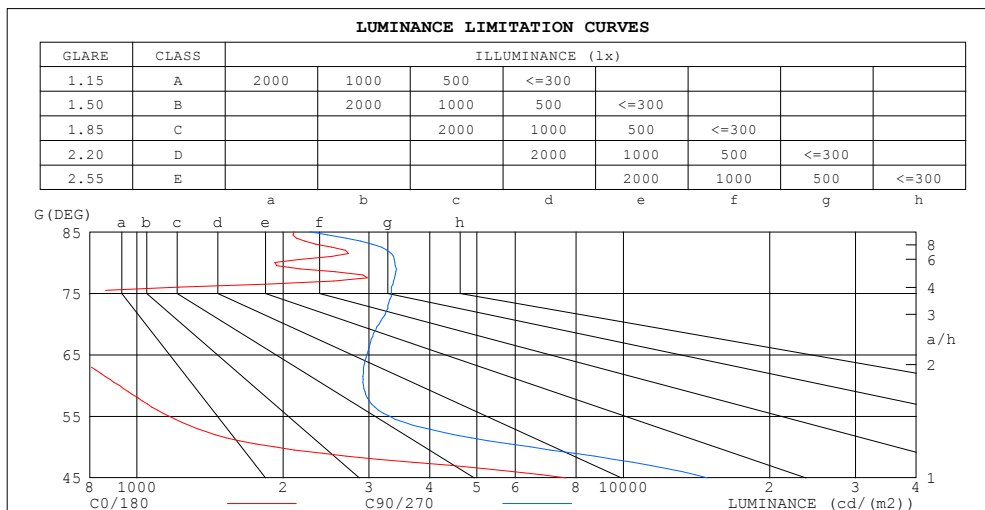
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2022-01-03

□ Range: 0 - 180DEG  
□ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES

## ZONAL FLUX DIAGRAM:

| mm  | C0                    | C45   | C90    | C135  | C180  | C225  | C270   | C315  | mm      | zone   | total | %lum, lamp |
|-----|-----------------------|-------|--------|-------|-------|-------|--------|-------|---------|--------|-------|------------|
| 5   | 3921                  | 3967  | 3990   | 3982  | 3936  | 3874  | 3824   | 3849  | 0- 5    | 93.86  | 93.86 | 1.64,1.64  |
| 10  | 3864                  | 3964  | 3996   | 3999  | 3917  | 3779  | 3673   | 3713  | 5- 10   | 278.5  | 372.3 | 6.49,6.49  |
| 15  | 3726                  | 3907  | 3960   | 3982  | 3832  | 3627  | 3482   | 3526  | 10- 15  | 452.3  | 824.6 | 14.4,14.4  |
| 20  | 3533                  | 3784  | 3884   | 3910  | 3670  | 3418  | 3250   | 3284  | 15- 20  | 606.0  | 1431  | 24.9,24.9  |
| 25  | 3288                  | 3590  | 3744   | 3760  | 3458  | 3144  | 2947   | 2975  | 20- 25  | 730.2  | 2161  | 37.6,37.6  |
| 30  | 2962                  | 3283  | 3475   | 3505  | 3181  | 2799  | 2563   | 2584  | 25- 30  | 812.0  | 2973  | 51.8,51.8  |
| 35  | 2519                  | 2823  | 3000   | 3104  | 2785  | 2344  | 2072   | 2075  | 30- 35  | 831.8  | 3805  | 66.3,66.3  |
| 40  | 1768                  | 2154  | 2265   | 2498  | 2186  | 1736  | 1406   | 1344  | 35- 40  | 757.4  | 4562  | 79.5,79.5  |
| 45  | 716.7                 | 1152  | 1421   | 1637  | 1181  | 929.7 | 672.1  | 587.3 | 40- 45  | 551.3  | 5113  | 89.1,89.1  |
| 50  | 164.0                 | 351.4 | 559.5  | 620.9 | 294.5 | 313.2 | 292.3  | 228.5 | 45- 50  | 266.9  | 5380  | 93.7,93.7  |
| 55  | 88.70                 | 159.7 | 255.5  | 204.7 | 106.9 | 148.2 | 206.4  | 147.0 | 50- 55  | 102.2  | 5482  | 95.5,95.5  |
| 60  | 61.21                 | 113.4 | 197.0  | 134.0 | 69.04 | 102.3 | 169.1  | 108.2 | 55- 60  | 63.55  | 5546  | 96.6,96.6  |
| 65  | 41.68                 | 85.82 | 169.0  | 103.9 | 47.68 | 75.43 | 137.2  | 81.00 | 60- 65  | 50.25  | 5596  | 97.5,97.5  |
| 70  | 29.59                 | 62.23 | 145.2  | 76.92 | 32.38 | 53.48 | 108.6  | 60.10 | 65- 70  | 40.04  | 5636  | 98.2,98.2  |
| 75  | 24.60                 | 39.96 | 116.3  | 50.34 | 26.51 | 31.79 | 87.19  | 39.46 | 70- 75  | 30.25  | 5667  | 98.7,98.7  |
| 80  | 44.35                 | 24.66 | 79.38  | 26.23 | 72.72 | 19.48 | 62.07  | 21.67 | 75- 80  | 23.39  | 5690  | 99.1,99.1  |
| 85  | 24.36                 | 19.74 | 26.67  | 14.74 | 23.96 | 14.44 | 17.74  | 15.76 | 80- 85  | 14.84  | 5705  | 99.4,99.4  |
| 90  | 11.76                 | 8.354 | 0.3328 | 8.049 | 13.89 | 9.003 | 0.1970 | 8.958 | 85- 90  | 7.349  | 5712  | 99.5,99.5  |
| 95  | 7.216                 | 6.698 | 0.3119 | 7.471 | 8.740 | 5.721 | 0.3852 | 5.144 | 90- 95  | 3.436  | 5716  | 99.6,99.6  |
| 100 | 6.001                 | 4.902 | 0.5911 | 5.702 | 7.745 | 5.480 | 0.5715 | 3.987 | 95-100  | 2.756  | 5718  | 99.6,99.6  |
| 105 | 5.864                 | 5.316 | 0.6772 | 5.599 | 6.974 | 5.267 | 0.7482 | 4.377 | 100-105 | 2.490  | 5721  | 99.7,99.7  |
| 110 | 6.218                 | 4.205 | 0.4176 | 4.637 | 7.132 | 4.714 | 0.7504 | 3.743 | 105-110 | 2.267  | 5723  | 99.7,99.7  |
| 115 | 5.515                 | 3.958 | 0.3493 | 4.298 | 7.114 | 4.429 | 0.7387 | 3.408 | 110-115 | 2.070  | 5725  | 99.8,99.8  |
| 120 | 5.110                 | 3.579 | 0.4087 | 3.945 | 6.637 | 4.429 | 0.7884 | 3.156 | 115-120 | 1.774  | 5727  | 99.8,99.8  |
| 125 | 5.186                 | 3.643 | 0.4394 | 4.168 | 6.720 | 4.875 | 0.9171 | 3.335 | 120-125 | 1.699  | 5729  | 99.8,99.8  |
| 130 | 5.900                 | 3.772 | 0.5240 | 4.457 | 6.987 | 5.906 | 0.8750 | 3.714 | 125-130 | 1.722  | 5730  | 99.8,99.8  |
| 135 | 7.260                 | 3.699 | 0.6642 | 4.956 | 8.726 | 5.728 | 0.9707 | 3.478 | 130-135 | 1.768  | 5732  | 99.9,99.9  |
| 140 | 5.869                 | 3.221 | 0.8235 | 4.887 | 7.994 | 4.690 | 1.122  | 3.080 | 135-140 | 1.575  | 5734  | 99.9,99.9  |
| 145 | 5.049                 | 3.012 | 0.9807 | 4.233 | 5.875 | 4.239 | 1.253  | 2.995 | 140-145 | 1.237  | 5735  | 99.9,99.9  |
| 150 | 4.994                 | 2.810 | 1.257  | 4.133 | 4.955 | 4.167 | 1.420  | 3.362 | 145-150 | 1.014  | 5736  | 99.9,99.9  |
| 155 | 6.428                 | 3.448 | 1.386  | 4.774 | 5.091 | 5.080 | 1.554  | 3.895 | 150-155 | 0.9395 | 5737  | 100,100    |
| 160 | 7.225                 | 3.670 | 1.508  | 5.208 | 7.289 | 5.933 | 1.671  | 3.755 | 155-160 | 0.9209 | 5738  | 100,100    |
| 165 | 6.050                 | 2.959 | 1.629  | 5.507 | 6.641 | 5.653 | 1.775  | 2.789 | 160-165 | 0.7218 | 5739  | 100,100    |
| 170 | 3.952                 | 2.174 | 1.731  | 4.363 | 4.936 | 3.859 | 1.832  | 2.076 | 165-170 | 0.4480 | 5739  | 100,100    |
| 175 | 1.963                 | 1.858 | 1.802  | 2.685 | 2.019 | 2.028 | 1.852  | 1.862 | 170-175 | 0.1816 | 5739  | 100,100    |
| 180 | 1.918                 | 1.836 | 1.838  | 1.873 | 1.920 | 1.830 | 1.840  | 1.873 | 175-180 | 0.0459 | 5739  | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |       |        |       |       |       |        |       | UNIT:lm |        |       |            |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 2105   | 2271    |
| 80                | 1923   | 3393    |
| 75                | 716    | 3335    |
| 70                | 651    | 3151    |
| 65                | 743    | 2968    |
| 60                | 922    | 2924    |
| 55                | 1165   | 3306    |
| 50                | 1922   | 6461    |
| 45                | 7632   | 14914   |

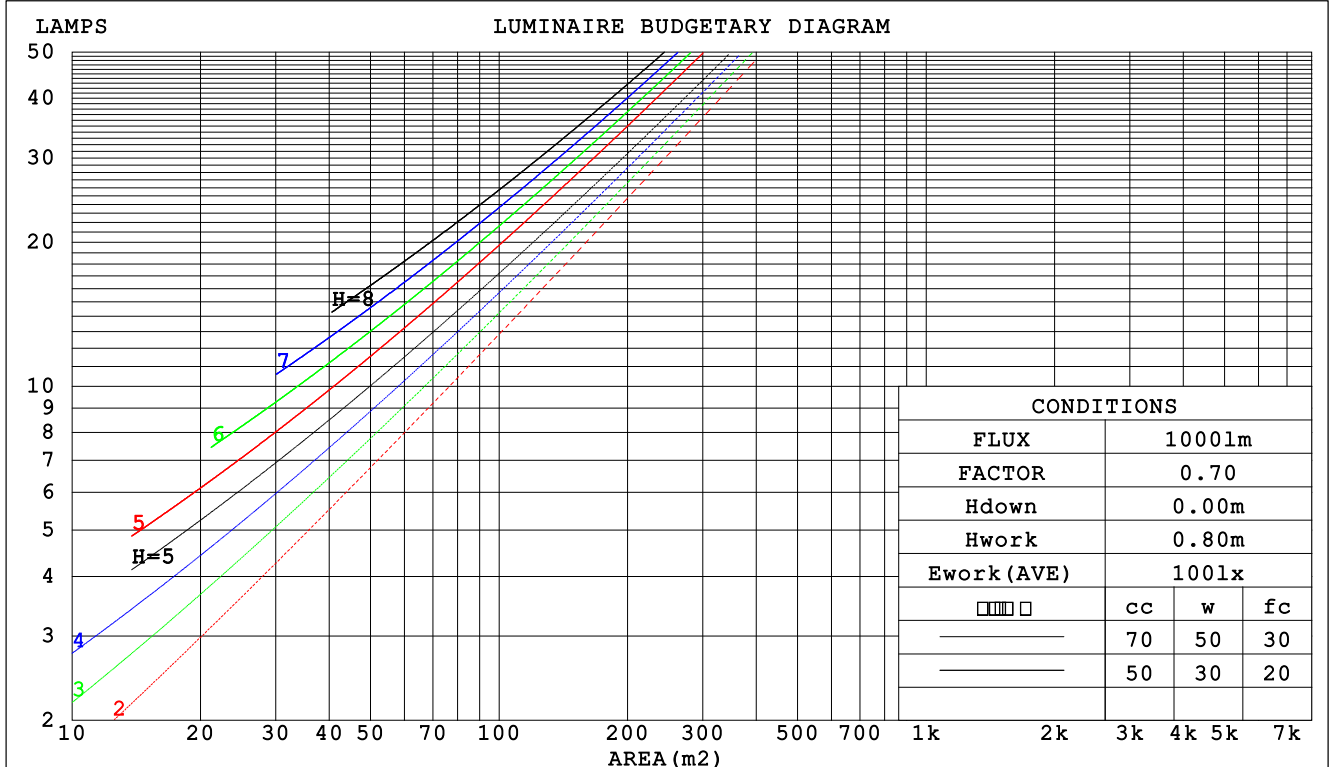
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

Range: 0 - 180DEG  
Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION 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 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

□ Range: 0 - 180DEG  
□ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

### WEC AND CCEC

|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION 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                         | .208 .119 .038                                        | .201 .115 .036 | .188 .108 .035 | .176 .102 .033 | .165 .096 .031 |   |
| 2.0                         | .200 .110 .034                                        | .194 .107 .033 | .183 .102 .032 | .173 .097 .030 | .164 .093 .029 |   |
| 3.0                         | .191 .102 .030                                        | .186 .100 .030 | .176 .095 .029 | .167 .092 .028 | .159 .088 .027 |   |
| 4.0                         | .182 .094 .028                                        | .177 .093 .027 | .169 .089 .027 | .161 .086 .026 | .154 .083 .025 |   |
| 5.0                         | .173 .088 .025                                        | .169 .087 .025 | .161 .084 .025 | .154 .081 .024 | .148 .079 .024 |   |
| 6.0                         | .164 .082 .024                                        | .161 .081 .023 | .154 .079 .023 | .148 .077 .023 | .142 .075 .022 |   |
| 7.0                         | .156 .077 .022                                        | .153 .076 .022 | .147 .074 .021 | .142 .073 .021 | .137 .071 .021 |   |
| 8.0                         | .149 .073 .020                                        | .146 .072 .020 | .141 .070 .020 | .136 .069 .020 | .131 .067 .020 |   |
| 9.0                         | .142 .069 .019                                        | .140 .068 .019 | .135 .067 .019 | .130 .065 .019 | .126 .064 .019 |   |
| 10.0                        | .136 .065 .018                                        | .134 .065 .018 | .129 .063 .018 | .125 .062 .018 | .121 .061 .018 |   |

|                             |                                                                  |                |                |                |                |   |
|-----------------------------|------------------------------------------------------------------|----------------|----------------|----------------|----------------|---|
| <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                         | .194 .194 .194                                                   | .166 .166 .166 | .113 .113 .113 | .065 .065 .065 | .021 .021 .021 |   |
| 1.0                         | .177 .161 .146                                                   | .151 .138 .126 | .104 .095 .087 | .060 .055 .051 | .019 .018 .016 |   |
| 2.0                         | .164 .136 .113                                                   | .140 .117 .097 | .096 .081 .068 | .055 .047 .040 | .018 .015 .013 |   |
| 3.0                         | .153 .117 .089                                                   | .131 .101 .077 | .090 .070 .054 | .052 .041 .032 | .017 .013 .010 |   |
| 4.0                         | .144 .103 .072                                                   | .123 .089 .063 | .085 .062 .044 | .049 .036 .026 | .016 .012 .009 |   |
| 5.0                         | .136 .092 .059                                                   | .117 .080 .052 | .080 .056 .037 | .047 .033 .022 | .015 .011 .007 |   |
| 6.0                         | .129 .083 .050                                                   | .111 .072 .044 | .077 .050 .031 | .044 .030 .018 | .014 .010 .006 |   |
| 7.0                         | .123 .076 .043                                                   | .106 .066 .037 | .073 .046 .026 | .042 .027 .016 | .014 .009 .005 |   |
| 8.0                         | .118 .070 .037                                                   | .101 .061 .032 | .070 .043 .023 | .041 .025 .014 | .013 .008 .005 |   |
| 9.0                         | .112 .065 .033                                                   | .097 .056 .029 | .067 .040 .020 | .039 .023 .012 | .013 .008 .004 |   |
| 10.0                        | .108 .061 .029                                                   | .093 .053 .025 | .064 .037 .018 | .038 .022 .011 | .012 .007 .004 |   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

## Uncorrected UGR Table

|                                                                   |                  |      |      |      |                  |                |      |                   |      |      |
|-------------------------------------------------------------------|------------------|------|------|------|------------------|----------------|------|-------------------|------|------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |      |      |      |                  |                |      |                   |      |      |
| NAME: 磁铁灯条                                                        |                  |      |      |      | TYPE:T5窄灯条 3500K |                |      | WEIGHT:           |      |      |
| DIM.: 4FT*2                                                       |                  |      |      |      | SPEC.:透镜款        |                |      | SERIAL No.:       |      |      |
| MFR.: Shenzhen Wisdom Light Co,ltd                                |                  |      |      |      | SUR.:1.22*0.11m  |                |      | PROTECTION 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                                                     | 17.0             | 18.1 | 17.2 | 18.3 | 18.5             | 18.3           | 19.4 | 18.6              | 19.6 | 19.8 |
| 3H                                                                | 16.8             | 17.9 | 17.1 | 18.1 | 18.3             | 18.4           | 19.5 | 18.7              | 19.7 | 19.9 |
| 4H                                                                | 16.8             | 17.7 | 17.1 | 18.0 | 18.2             | 18.6           | 19.5 | 18.8              | 19.8 | 20.0 |
| 6H                                                                | 16.9             | 17.8 | 17.2 | 18.0 | 18.3             | 18.7           | 19.6 | 19.0              | 19.9 | 20.1 |
| 8H                                                                | 16.9             | 17.8 | 17.3 | 18.1 | 18.3             | 18.8           | 19.6 | 19.1              | 19.9 | 20.2 |
| 12H                                                               | 17.0             | 17.8 | 17.3 | 18.1 | 18.4             | 18.8           | 19.6 | 19.1              | 19.9 | 20.2 |
| 4H 2H                                                             | 16.8             | 17.7 | 17.1 | 18.0 | 18.2             | 18.1           | 19.1 | 18.4              | 19.3 | 19.5 |
| 3H                                                                | 16.6             | 17.5 | 17.0 | 17.8 | 18.1             | 18.3           | 19.1 | 18.6              | 19.4 | 19.7 |
| 4H                                                                | 16.6             | 17.3 | 16.9 | 17.7 | 18.0             | 18.4           | 19.2 | 18.8              | 19.5 | 19.8 |
| 6H                                                                | 16.8             | 17.4 | 17.1 | 17.8 | 18.1             | 18.7           | 19.3 | 19.1              | 19.7 | 20.0 |
| 8H                                                                | 16.9             | 17.5 | 17.3 | 17.9 | 18.2             | 18.8           | 19.4 | 19.2              | 19.7 | 20.1 |
| 12H                                                               | 17.0             | 17.5 | 17.4 | 17.9 | 18.3             | 18.8           | 19.4 | 19.2              | 19.8 | 20.2 |
| 8H 4H                                                             | 16.5             | 17.1 | 16.9 | 17.5 | 17.9             | 18.3           | 18.9 | 18.7              | 19.3 | 19.7 |
| 6H                                                                | 16.7             | 17.2 | 17.1 | 17.6 | 18.0             | 18.6           | 19.1 | 19.0              | 19.5 | 19.9 |
| 8H                                                                | 16.9             | 17.3 | 17.4 | 17.8 | 18.2             | 18.7           | 19.2 | 19.2              | 19.6 | 20.0 |
| 12H                                                               | 17.0             | 17.4 | 17.5 | 17.9 | 18.4             | 18.8           | 19.2 | 19.3              | 19.6 | 20.1 |
| 12H 4H                                                            | 16.5             | 17.0 | 16.9 | 17.4 | 17.8             | 18.3           | 18.8 | 18.7              | 19.2 | 19.6 |
| 6H                                                                | 16.7             | 17.1 | 17.1 | 17.6 | 18.0             | 18.5           | 19.0 | 19.0              | 19.4 | 19.9 |
| 8H                                                                | 16.9             | 17.3 | 17.4 | 17.7 | 18.2             | 18.7           | 19.1 | 19.2              | 19.5 | 20.0 |
| Variations with the observer position at spacings:                |                  |      |      |      |                  |                |      |                   |      |      |
| S = 1.0H                                                          | + 2.3 / - 5.6    |      |      |      |                  | + 1.8 / - 3.6  |      |                   |      |      |
| 1.5H                                                              | + 4.0 / - 5.5    |      |      |      |                  | + 3.1 / - 4.3  |      |                   |      |      |
| 2.0H                                                              | + 4.8 / - 2.3    |      |      |      |                  | + 5.3 / - 2.5  |      |                   |      |      |

CIE Pub.117 Corrected 5739 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: BQE46-1000-42-PV-S1  
 佑明B档  
 3500K

## UTILIZATION FACTORS TABLE

|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION ANGLE: |

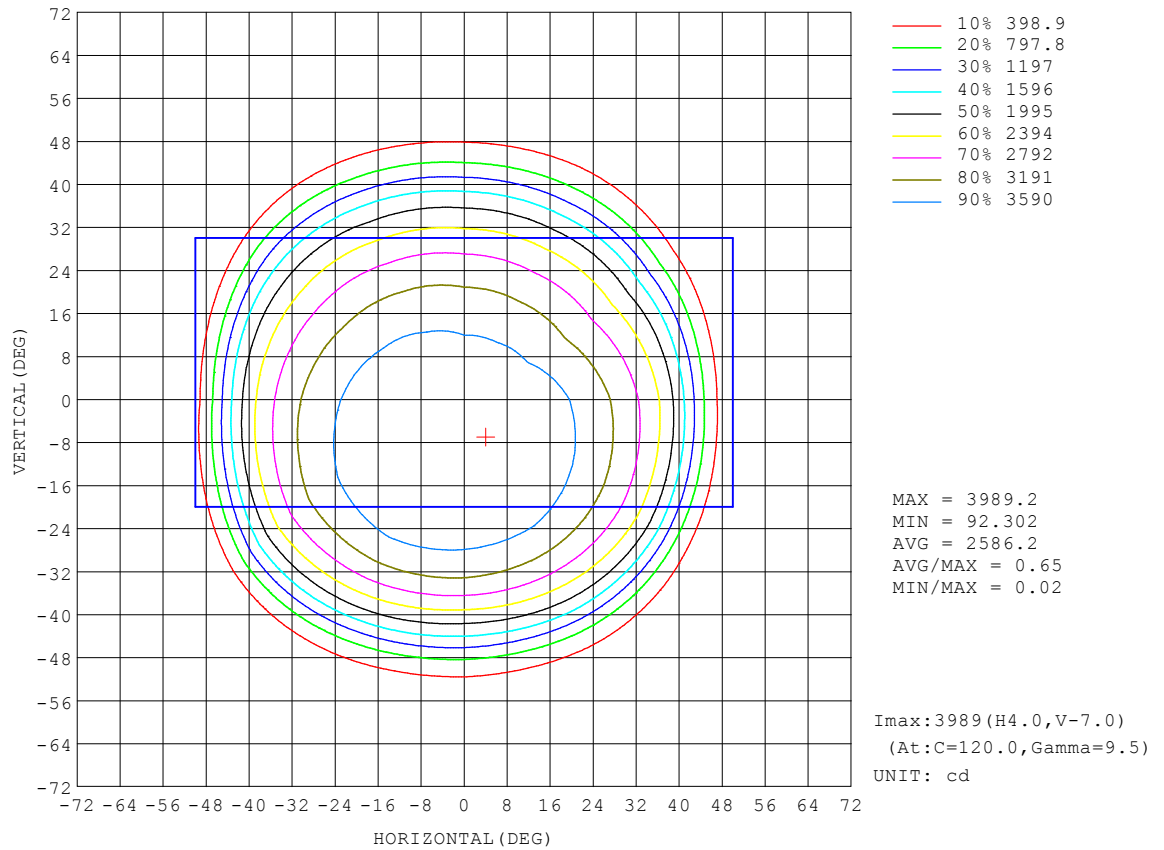
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 79                                                  | 71  | 66        | 78  | 71  | 66  | 77  | 70            | 66  | 62     |
| 0.80                             | 87                                                  | 80  | 75        | 87  | 80  | 75  | 85  | 79            | 75  | 70     |
| 1.00                             | 93                                                  | 86  | 82        | 92  | 86  | 82  | 91  | 86            | 81  | 76     |
| 1.25                             | 98                                                  | 92  | 88        | 97  | 91  | 87  | 95  | 90            | 86  | 81     |
| 1.50                             | 102                                                 | 96  | 92        | 100 | 95  | 91  | 98  | 93            | 90  | 85     |
| 2.00                             | 106                                                 | 100 | 97        | 104 | 99  | 96  | 101 | 97            | 94  | 88     |
| 2.50                             | 108                                                 | 103 | 99        | 106 | 102 | 98  | 103 | 99            | 96  | 90     |
| 3.00                             | 110                                                 | 105 | 102       | 108 | 104 | 101 | 104 | 101           | 99  | 92     |
| 4.00                             | 112                                                 | 108 | 106       | 110 | 107 | 104 | 106 | 104           | 102 | 94     |
| 5.00                             | 113                                                 | 110 | 108       | 111 | 109 | 106 | 107 | 105           | 103 | 95     |
| ROOM INDEX                       | UF(total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                     |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: BQE46-1000-42-PV-S1  
 佑明B档  
 3500K

## ISOCANDELA DIAGRAM

|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION ANGLE: |

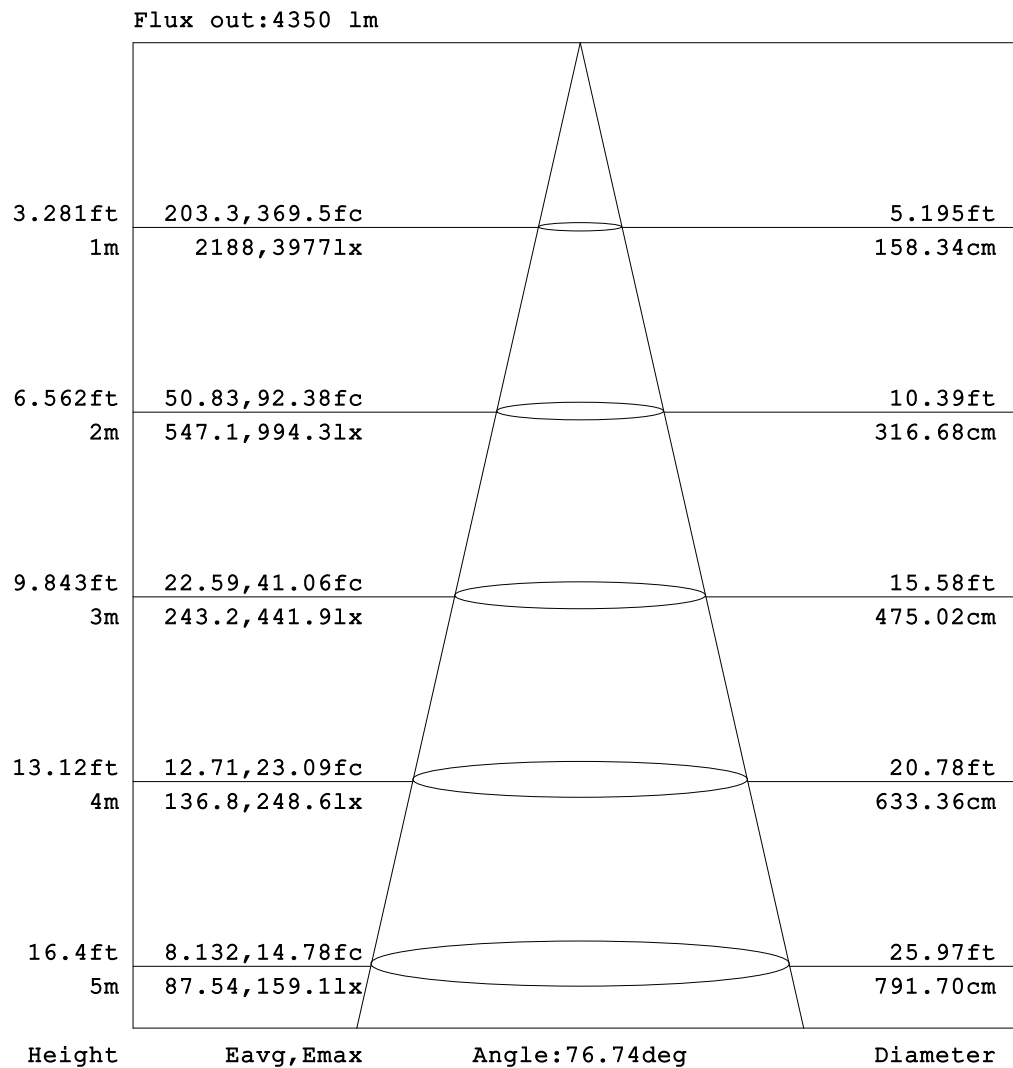


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

## AAI Figure

|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION ANGLE: |



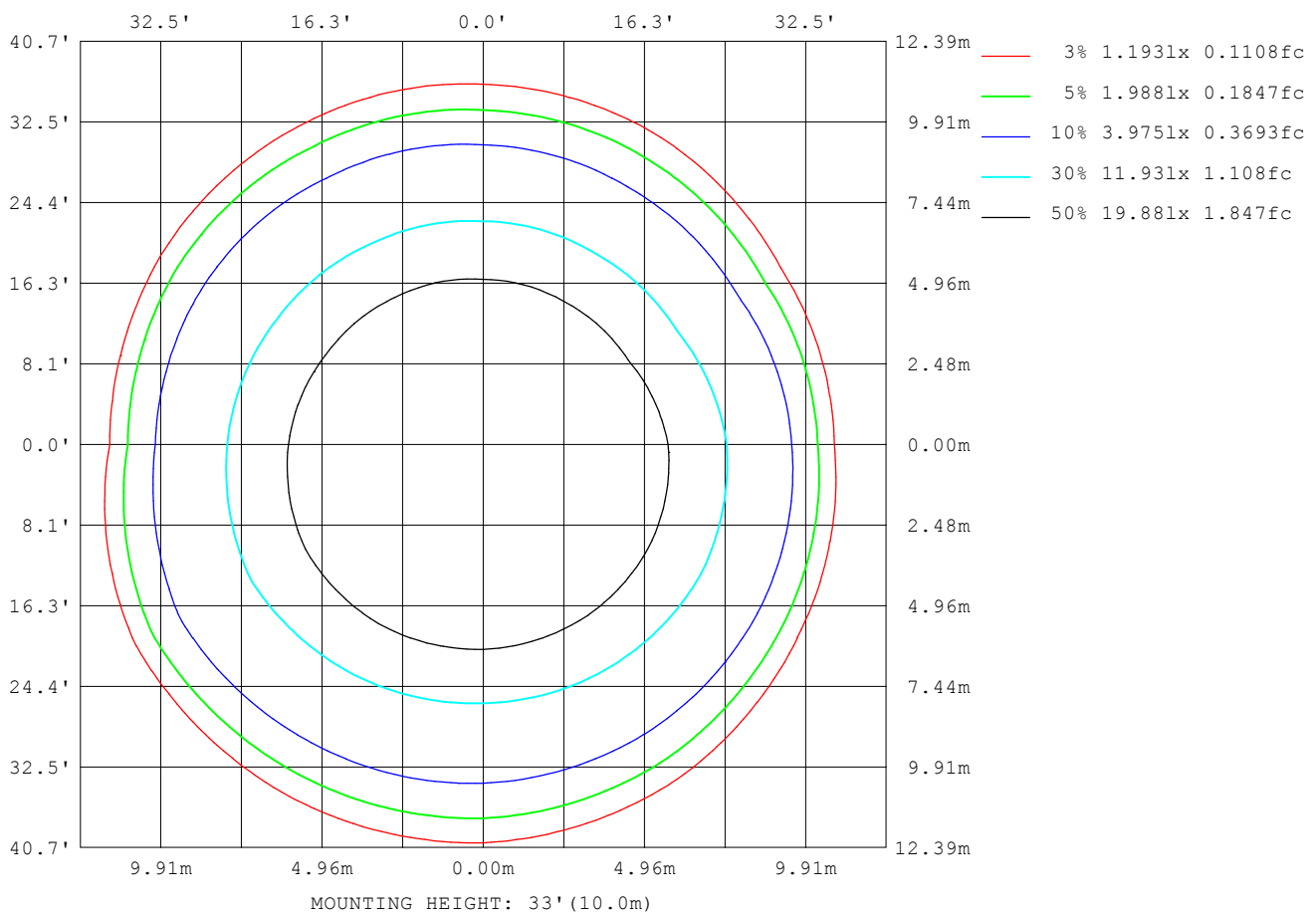
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

## ISOLUX DIAGRAM

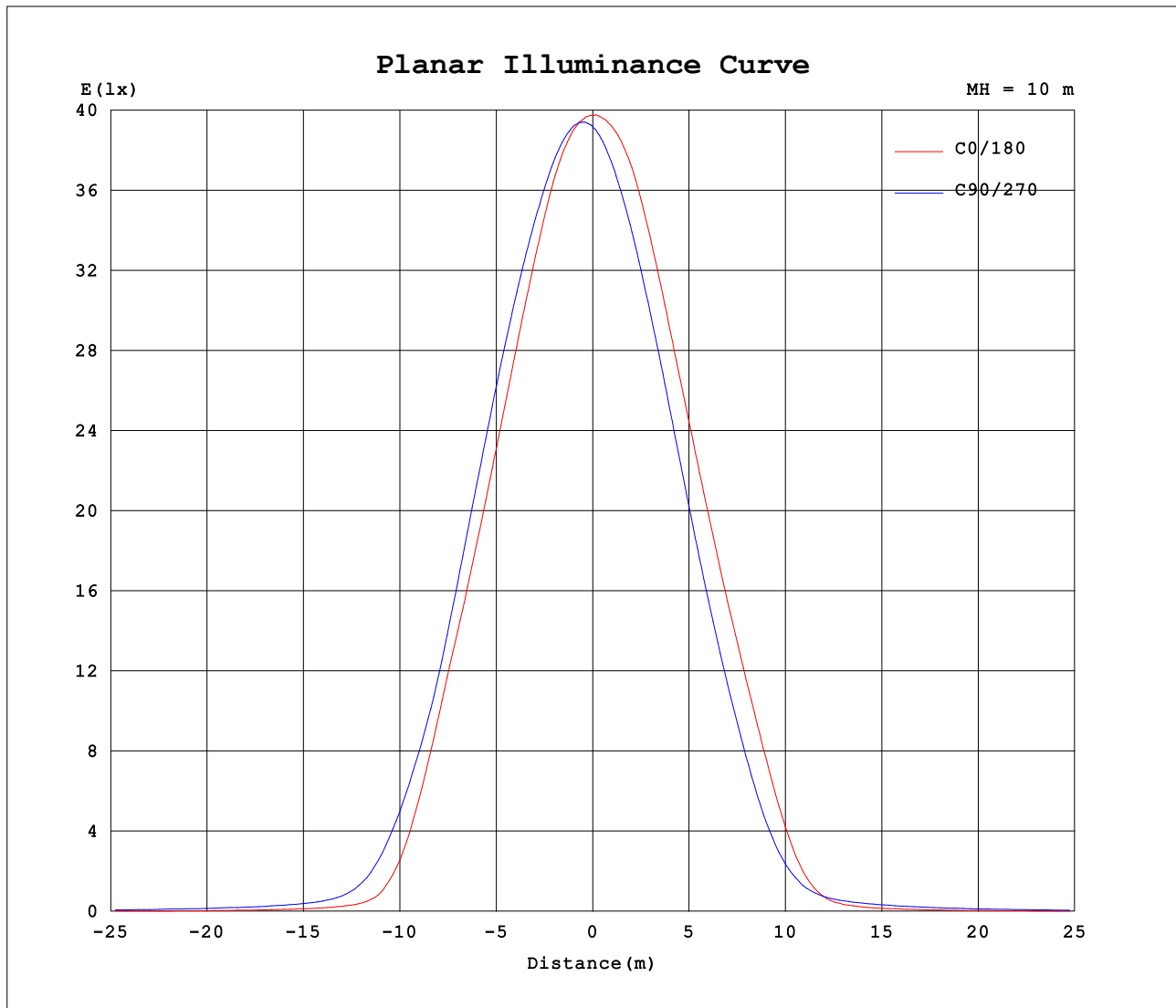
|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2022-01-03

☐ Range: 0 - 180DEG  
☐ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: BQE46-1000-42-PV-S1  
佑明B档  
3500K

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                   |                  |                   |
|-------------------------------------------------------------------|------------------|-------------------|
| Test:U:119.5V I:0.3230A P:38.40W PF:0.9930 Lamp Flux:5739.18x1 lm |                  |                   |
| NAME: 磁铁灯条                                                        | TYPE:T5窄灯条 3500K | WEIGHT:           |
| DIM.: 4FT*2                                                       | SPEC.:透镜款        | SERIAL No.:       |
| MFR.: Shenzhen Wisdom Light Co,ltd                                | SUR.:1.22*0.11m  | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C (DEG)<br>□ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                  | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 | 3934 |  |  |  |  |  |  |
| 5                  | 3921 | 3955 | 3979 | 3990 | 3991 | 3973 | 3936 | 3896 | 3852 | 3824 | 3834 | 3863 |  |  |  |  |  |  |
| 10                 | 3864 | 3940 | 3988 | 3996 | 4006 | 3992 | 3917 | 3824 | 3734 | 3673 | 3686 | 3739 |  |  |  |  |  |  |
| 15                 | 3726 | 3867 | 3947 | 3960 | 3989 | 3976 | 3832 | 3688 | 3566 | 3482 | 3500 | 3552 |  |  |  |  |  |  |
| 20                 | 3533 | 3713 | 3857 | 3884 | 3930 | 3889 | 3670 | 3488 | 3348 | 3250 | 3256 | 3313 |  |  |  |  |  |  |
| 25                 | 3288 | 3502 | 3678 | 3744 | 3803 | 3718 | 3458 | 3229 | 3059 | 2947 | 2940 | 3010 |  |  |  |  |  |  |
| 30                 | 2962 | 3198 | 3368 | 3475 | 3541 | 3469 | 3181 | 2908 | 2689 | 2563 | 2542 | 2626 |  |  |  |  |  |  |
| 35                 | 2519 | 2761 | 2885 | 3000 | 3096 | 3113 | 2785 | 2471 | 2217 | 2072 | 2038 | 2112 |  |  |  |  |  |  |
| 40                 | 1768 | 2104 | 2204 | 2265 | 2429 | 2567 | 2186 | 1879 | 1592 | 1406 | 1328 | 1360 |  |  |  |  |  |  |
| 45                 | 717  | 1033 | 1272 | 1421 | 1562 | 1712 | 1181 | 1046 | 813  | 672  | 613  | 561  |  |  |  |  |  |  |
| 50                 | 164  | 260  | 443  | 559  | 611  | 631  | 294  | 313  | 314  | 292  | 264  | 193  |  |  |  |  |  |  |
| 55                 | 88.7 | 121  | 199  | 255  | 236  | 173  | 107  | 114  | 183  | 206  | 186  | 108  |  |  |  |  |  |  |
| 60                 | 61.2 | 83.3 | 144  | 197  | 166  | 102  | 69.0 | 67.2 | 138  | 169  | 149  | 67.2 |  |  |  |  |  |  |
| 65                 | 41.7 | 58.5 | 113  | 169  | 134  | 74.3 | 47.7 | 46.8 | 104  | 137  | 117  | 44.8 |  |  |  |  |  |  |
| 70                 | 29.6 | 36.4 | 88.2 | 145  | 106  | 48.3 | 32.4 | 31.8 | 75.3 | 109  | 87.6 | 32.5 |  |  |  |  |  |  |
| 75                 | 24.6 | 25.0 | 55.0 | 116  | 73.7 | 26.9 | 26.5 | 22.3 | 41.3 | 87.2 | 55.3 | 23.7 |  |  |  |  |  |  |
| 80                 | 44.4 | 21.7 | 27.6 | 79.4 | 34.5 | 18.0 | 72.7 | 15.1 | 23.9 | 62.1 | 27.3 | 16.0 |  |  |  |  |  |  |
| 85                 | 24.4 | 25.6 | 13.9 | 26.7 | 14.5 | 15.0 | 24.0 | 17.3 | 11.6 | 17.7 | 13.6 | 17.9 |  |  |  |  |  |  |
| 90                 | 11.8 | 11.9 | 4.75 | 0.33 | 4.15 | 11.9 | 13.9 | 14.3 | 3.67 | 0.20 | 3.03 | 14.9 |  |  |  |  |  |  |
| 95                 | 7.22 | 9.84 | 3.54 | 0.31 | 3.67 | 11.3 | 8.74 | 7.54 | 3.90 | 0.39 | 2.64 | 7.65 |  |  |  |  |  |  |
| 100                | 6.00 | 5.73 | 4.07 | 0.59 | 3.79 | 7.62 | 7.74 | 6.37 | 4.58 | 0.57 | 2.70 | 5.27 |  |  |  |  |  |  |
| 105                | 5.86 | 5.10 | 5.53 | 0.68 | 4.80 | 6.40 | 6.97 | 5.80 | 4.73 | 0.75 | 4.15 | 4.61 |  |  |  |  |  |  |
| 110                | 6.22 | 5.29 | 3.12 | 0.42 | 3.63 | 5.64 | 7.13 | 5.81 | 3.62 | 0.75 | 2.66 | 4.83 |  |  |  |  |  |  |
| 115                | 5.51 | 5.01 | 2.90 | 0.35 | 3.07 | 5.53 | 7.11 | 5.25 | 3.61 | 0.74 | 2.38 | 4.44 |  |  |  |  |  |  |
| 120                | 5.11 | 4.47 | 2.69 | 0.41 | 3.00 | 4.89 | 6.64 | 5.26 | 3.59 | 0.79 | 2.26 | 4.06 |  |  |  |  |  |  |
| 125                | 5.19 | 4.63 | 2.65 | 0.44 | 3.15 | 5.19 | 6.72 | 5.49 | 4.26 | 0.92 | 2.49 | 4.18 |  |  |  |  |  |  |
| 130                | 5.90 | 4.78 | 2.76 | 0.52 | 3.36 | 5.55 | 6.99 | 6.77 | 5.04 | 0.87 | 2.62 | 4.81 |  |  |  |  |  |  |
| 135                | 7.26 | 5.01 | 2.38 | 0.66 | 3.64 | 6.27 | 8.73 | 7.29 | 4.16 | 0.97 | 2.44 | 4.51 |  |  |  |  |  |  |
| 140                | 5.87 | 4.39 | 2.05 | 0.82 | 3.40 | 6.38 | 7.99 | 5.63 | 3.75 | 1.12 | 2.37 | 3.79 |  |  |  |  |  |  |
| 145                | 5.05 | 4.08 | 1.94 | 0.98 | 3.27 | 5.20 | 5.88 | 4.91 | 3.57 | 1.25 | 2.55 | 3.44 |  |  |  |  |  |  |
| 150                | 4.99 | 3.52 | 2.09 | 1.26 | 3.43 | 4.84 | 4.95 | 4.63 | 3.70 | 1.42 | 2.76 | 3.96 |  |  |  |  |  |  |
| 155                | 6.43 | 4.41 | 2.49 | 1.39 | 3.96 | 5.59 | 5.09 | 5.52 | 4.63 | 1.55 | 3.12 | 4.67 |  |  |  |  |  |  |
| 160                | 7.23 | 4.64 | 2.69 | 1.51 | 4.07 | 6.35 | 7.29 | 6.55 | 5.31 | 1.67 | 2.89 | 4.62 |  |  |  |  |  |  |
| 165                | 6.05 | 3.29 | 2.62 | 1.63 | 4.05 | 6.97 | 6.64 | 6.97 | 4.33 | 1.77 | 1.90 | 3.68 |  |  |  |  |  |  |
| 170                | 3.95 | 2.53 | 1.82 | 1.73 | 3.26 | 5.47 | 4.94 | 4.53 | 3.18 | 1.83 | 1.85 | 2.31 |  |  |  |  |  |  |
| 175                | 1.96 | 1.91 | 1.81 | 1.80 | 1.86 | 3.51 | 2.02 | 2.17 | 1.88 | 1.85 | 1.84 | 1.88 |  |  |  |  |  |  |
| 180                | 1.92 | 1.86 | 1.81 | 1.84 | 1.85 | 1.90 | 1.92 | 1.85 | 1.81 | 1.84 | 1.85 | 1.90 |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2022-01-03

□ Range: 0 - 180DEG  
□ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
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3500K