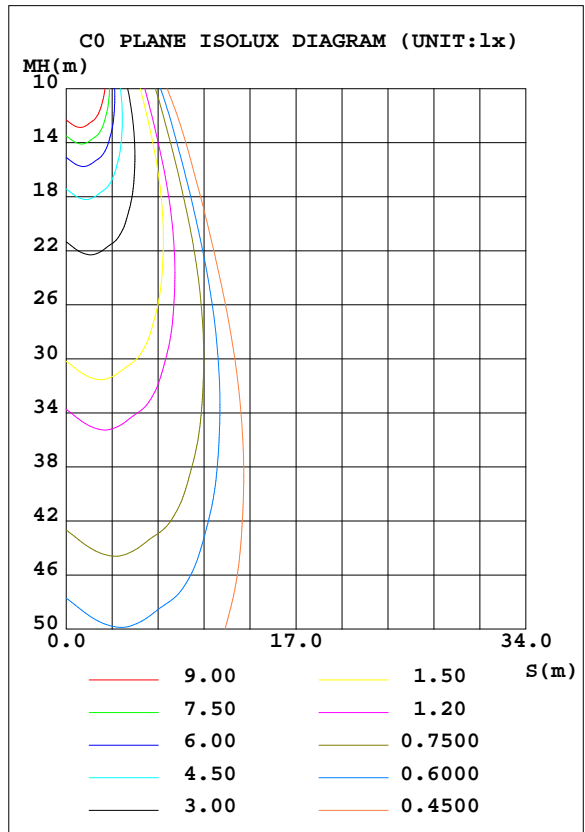
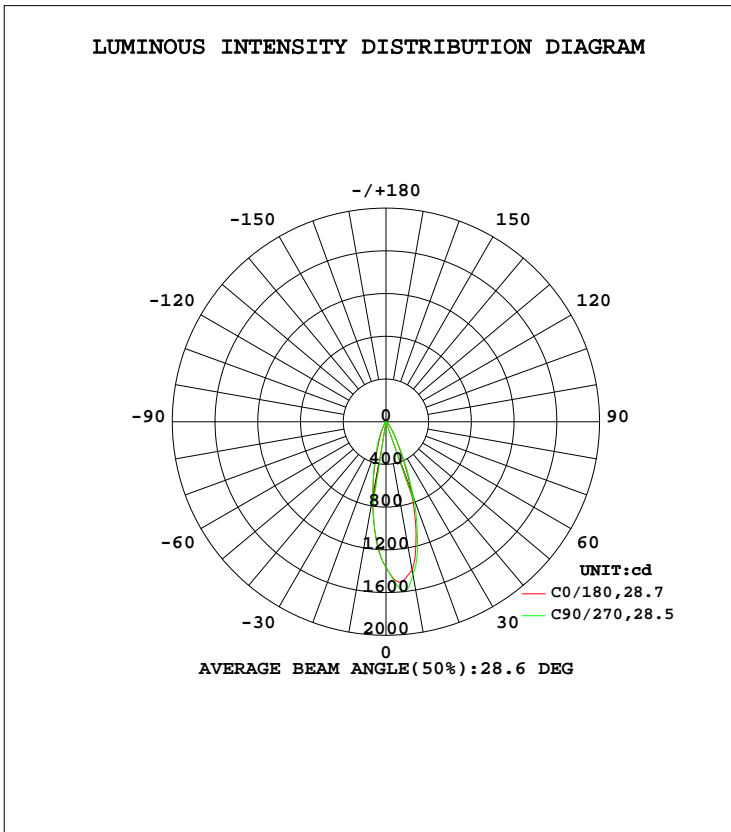


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 49.66 lm/W |
|------------------|--------|-----------------------|--------|--------------------|----------|-----------------|
| MODEL | TH425 | I _{max} (cd) | 1753 | S/MH(C0/180) | 0.36 | |
| NOMINAL POWER(W) | 12 | LOR(%) | 100.0 | S/MH(C90/270) | 0.36 | |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 521.98 | η UP, DN(C0-180) | 0.0,67.2 | |
| NOMINAL FLUX(lm) | 521.98 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.2,32.6 | |
| LAMPS INSIDE | 1 | η up(%) | 0.2 | CIBSE SHR NOM | 0.50 | |
| TEST VOLTAGE(V) | 120 | η down(%) | 99.8 | CIBSE SHR MAX | 0.50 | |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 1408 | 1711 | 1453 | 1011 | 715.4 | 629.7 | 722.5 | 973.3 | 0- 10 | 117.7 | 117.7 | 22.5,22.5 |
| 20 | 697.9 | 1008 | 760.3 | 338.9 | 193.9 | 187.8 | 237.4 | 370.8 | 10- 20 | 208.3 | 326.0 | 62.5,62.5 |
| 30 | 189.2 | 292.3 | 189.8 | 80.28 | 50.20 | 44.95 | 61.51 | 128.5 | 20- 30 | 121.2 | 447.2 | 85.7,85.7 |
| 40 | 60.30 | 89.06 | 65.02 | 31.58 | 19.16 | 16.14 | 18.51 | 31.45 | 30- 40 | 45.56 | 492.8 | 94.4,94.4 |
| 50 | 20.96 | 29.17 | 20.55 | 11.32 | 4.928 | 3.771 | 6.125 | 9.162 | 40- 50 | 18.65 | 511.4 | 98,98 |
| 60 | 6.895 | 9.613 | 6.628 | 3.805 | 0.3902 | 0.3909 | 1.108 | 2.839 | 50- 60 | 7.021 | 518.4 | 99.3,99.3 |
| 70 | 2.119 | 4.560 | 2.000 | 0.7932 | 0 | 0 | 0 | 0 | 60- 70 | 2.207 | 520.7 | 99.7,99.7 |
| 80 | 0.0785 | 0.1572 | 0.0017 | 0 | 0 | 0 | 0 | 0 | 70- 80 | 0.4716 | 521.1 | 99.8,99.8 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0056 | 521.1 | 99.8,99.8 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 521.1 | 99.8,99.8 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 521.1 | 99.8,99.8 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 521.1 | 99.8,99.8 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 521.1 | 99.8,99.8 |
| 140 | 0 | 0 | 0 | 0 | 0.0815 | 0.6295 | 0.2459 | 0 | 130-140 | 0.0239 | 521.2 | 99.8,99.8 |
| 150 | 0 | 0 | 0 | 0 | 1.332 | 1.808 | 1.201 | 0.3188 | 140-150 | 0.2161 | 521.4 | 99.9,99.9 |
| 160 | 0 | 0 | 0 | 0 | 1.567 | 1.885 | 1.511 | 1.346 | 150-160 | 0.3474 | 521.7 | 99.9,99.9 |
| 170 | 0.1546 | 0 | 0.0770 | 0.0792 | 1.410 | 1.021 | 1.273 | 1.187 | 160-170 | 0.2073 | 521.9 | 100,100 |
| 180 | 0.3134 | 0.5503 | 0.3977 | 0.8716 | 1.018 | 0.2301 | 0.4781 | 0.7137 | 170-180 | 0.0557 | 522.0 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 504.36 lm

%lum = 96.6%
%lamp = 96.6%

Conical surface Flux(120deg): 518.45 lm

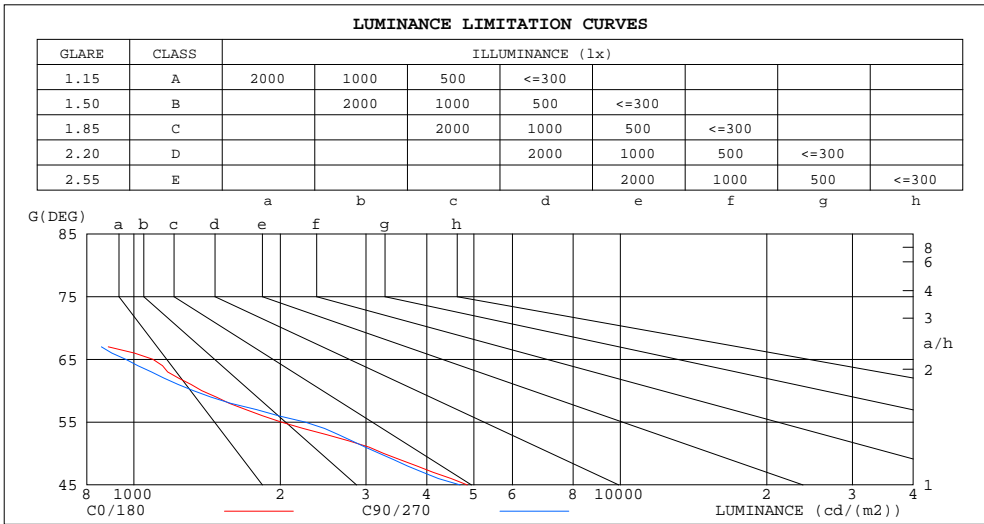
%lum = 99.3%
%lamp = 99.3%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:Seth
Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity:65.7%
Test Distance:26.000m [K=1.4372]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 0 | 0 |
| 80 | 45 | 1 |
| 75 | 182 | 431 |
| 70 | 620 | 585 |
| 65 | 1095 | 962 |
| 60 | 1379 | 1326 |
| 55 | 2008 | 2248 |
| 50 | 3260 | 3197 |
| 45 | 4847 | 4683 |

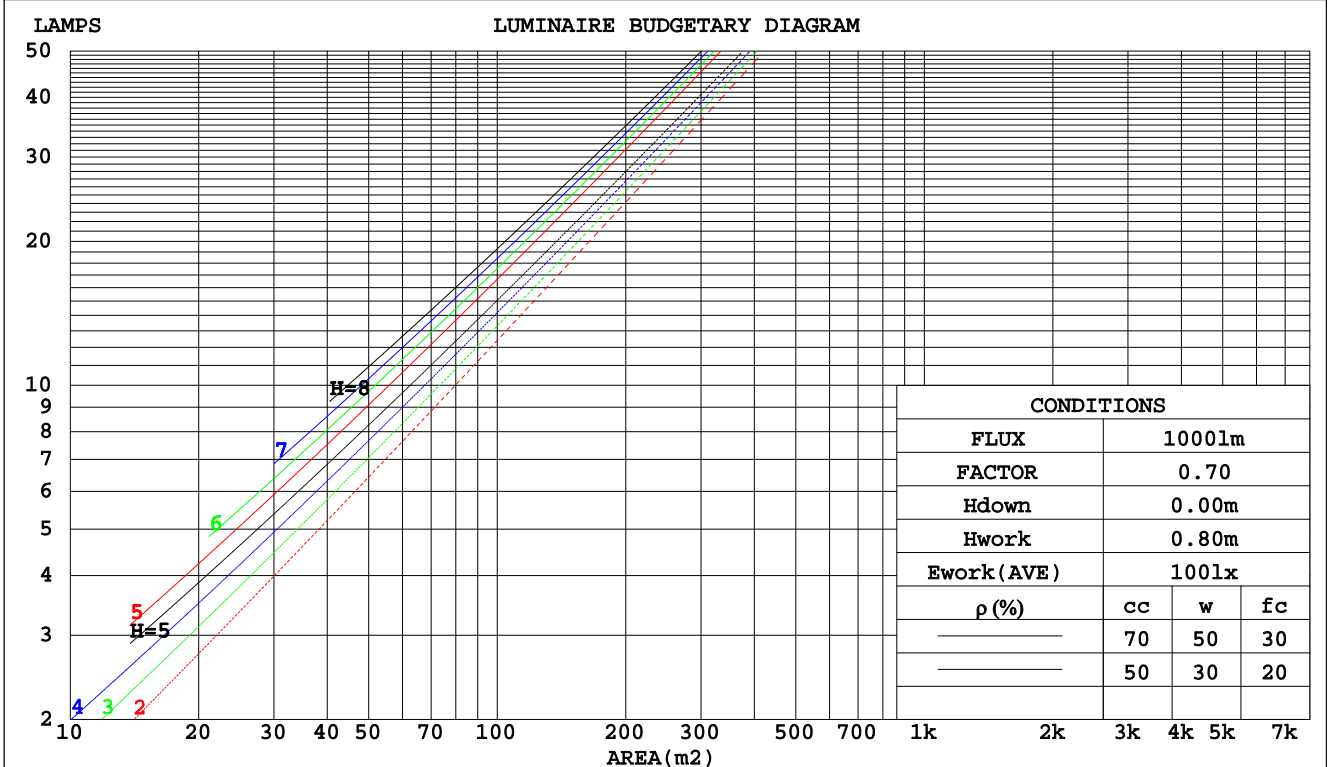
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 | .97 | .95 |
| 2.0 | 1.05 | 1.02 | .99 | 1.04 | 1.01 | .98 | 1.01 | .98 | .96 | .98 | .96 | .94 | .95 | .93 | .92 | .90 |
| 3.0 | .00 | .95 | .92 | .98 | .94 | .91 | .96 | .93 | .90 | .93 | .91 | .88 | .91 | .89 | .87 | .86 |
| 4.0 | .95 | .90 | .86 | .94 | .89 | .86 | .91 | .88 | .85 | .89 | .86 | .84 | .88 | .85 | .83 | .82 |
| 5.0 | .90 | .85 | .82 | .89 | .85 | .81 | .87 | .83 | .80 | .86 | .82 | .80 | .84 | .81 | .79 | .78 |
| 6.0 | .86 | .81 | .77 | .85 | .80 | .77 | .84 | .80 | .77 | .82 | .79 | .76 | .81 | .78 | .76 | .74 |
| 7.0 | .82 | .77 | .74 | .82 | .77 | .73 | .80 | .76 | .73 | .79 | .75 | .73 | .78 | .75 | .72 | .71 |
| 8.0 | .79 | .74 | .70 | .78 | .73 | .70 | .77 | .73 | .70 | .76 | .72 | .70 | .75 | .72 | .69 | .68 |
| 9.0 | .76 | .71 | .67 | .75 | .70 | .67 | .74 | .70 | .67 | .73 | .70 | .67 | .73 | .69 | .67 | .65 |
| 10.0 | .73 | .68 | .65 | .72 | .68 | .65 | .72 | .67 | .64 | .71 | .67 | .64 | .70 | .67 | .64 | .63 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

WEC AND CCEC

| | | | | | | | | | | | | | | |
|---|--|--|--|--|-------|--|--|--|--|---------------------|--|--|--|--|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | | | | | | | | | | | | | |
| NAME: LED 轨道灯 | | | | | TYPE: | | | | | WEIGHT:N/A | | | | |
| SPEC.:N/A | | | | | DIM.: | | | | | SERIAL No.:N/A | | | | |
| MFR.: 东莞市胜智灯饰有限公司 | | | | | SUR.: | | | | | Shielding Angle:N/A | | | | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .156 | .089 | .028 | .150 | .085 | .027 | .137 | .079 | .025 | .126 | .072 | .023 | .115 | .067 | .021 | |
| 2.0 | .148 | .081 | .025 | .142 | .078 | .024 | .132 | .073 | .023 | .122 | .068 | .021 | .113 | .064 | .020 | |
| 3.0 | .139 | .074 | .022 | .135 | .072 | .022 | .126 | .068 | .021 | .118 | .064 | .020 | .110 | .061 | .019 | |
| 4.0 | .132 | .068 | .020 | .128 | .067 | .020 | .120 | .064 | .019 | .113 | .061 | .018 | .107 | .058 | .018 | |
| 5.0 | .125 | .064 | .018 | .121 | .062 | .018 | .115 | .060 | .018 | .109 | .057 | .017 | .103 | .055 | .017 | |
| 6.0 | .119 | .060 | .017 | .116 | .058 | .017 | .110 | .056 | .016 | .105 | .054 | .016 | .100 | .053 | .016 | |
| 7.0 | .113 | .056 | .016 | .110 | .055 | .016 | .106 | .053 | .015 | .101 | .052 | .015 | .096 | .050 | .015 | |
| 8.0 | .108 | .053 | .015 | .106 | .052 | .015 | .101 | .051 | .014 | .097 | .049 | .014 | .093 | .048 | .014 | |
| 9.0 | .103 | .050 | .014 | .101 | .049 | .014 | .097 | .048 | .014 | .094 | .047 | .013 | .090 | .046 | .013 | |
| 10.0 | .099 | .048 | .013 | .097 | .047 | .013 | .094 | .046 | .013 | .090 | .045 | .013 | .087 | .044 | .013 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .192 | .192 | .192 | .164 | .164 | .164 | .112 | .112 | .112 | .064 | .064 | .064 | .021 | .021 | .021 | |
| 1.0 | .171 | .159 | .148 | .146 | .136 | .127 | .100 | .094 | .088 | .058 | .054 | .051 | .018 | .017 | .017 | |
| 2.0 | .154 | .134 | .117 | .132 | .115 | .101 | .091 | .080 | .070 | .052 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .141 | .115 | .094 | .121 | .099 | .082 | .083 | .069 | .057 | .048 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .129 | .100 | .077 | .111 | .086 | .067 | .076 | .060 | .047 | .044 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .120 | .088 | .064 | .103 | .076 | .056 | .071 | .053 | .039 | .041 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .111 | .078 | .054 | .096 | .068 | .047 | .066 | .047 | .033 | .038 | .028 | .020 | .012 | .009 | .007 | |
| 7.0 | .104 | .070 | .046 | .090 | .061 | .040 | .062 | .043 | .029 | .036 | .025 | .017 | .012 | .008 | .006 | |
| 8.0 | .098 | .064 | .040 | .085 | .055 | .035 | .059 | .039 | .025 | .034 | .023 | .015 | .011 | .007 | .005 | |
| 9.0 | .093 | .058 | .035 | .080 | .051 | .030 | .055 | .036 | .022 | .032 | .021 | .013 | .010 | .007 | .004 | |
| 10.0 | .088 | .054 | .031 | .076 | .047 | .027 | .053 | .033 | .019 | .031 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-------|----------------|------|---------------------|------|------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | | | | | | | | | |
| NAME: LED 轨道灯 | | | | | TYPE: | | | WEIGHT:N/A | | |
| SPEC.:N/A | | | | | DIM.: | | | SERIAL No.:N/A | | |
| MFR.: 东莞市胜智灯饰有限公司 | | | | | SUR.: | | | Shielding Angle:N/A | | |
| 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 | 14.0 | 14.8 | 14.3 | 15.0 | 15.2 | 13.5 | 14.3 | 13.7 | 14.5 | 14.6 |
| 3H | 14.0 | 14.7 | 14.3 | 14.9 | 15.1 | 13.5 | 14.2 | 13.7 | 14.4 | 14.6 |
| 4H | 13.9 | 14.6 | 14.2 | 14.8 | 15.1 | 13.4 | 14.1 | 13.7 | 14.3 | 14.6 |
| 6H | 13.9 | 14.5 | 14.1 | 14.7 | 15.0 | 13.3 | 14.0 | 13.6 | 14.2 | 14.5 |
| 8H | 13.8 | 14.4 | 14.1 | 14.7 | 14.9 | 13.3 | 13.9 | 13.6 | 14.2 | 14.4 |
| 12H | 13.8 | 14.4 | 14.1 | 14.6 | 14.9 | 13.2 | 13.8 | 13.6 | 14.1 | 14.4 |
| 4H 2H | 13.9 | 14.6 | 14.2 | 14.9 | 15.1 | 13.4 | 14.1 | 13.7 | 14.4 | 14.6 |
| 3H | 13.9 | 14.6 | 14.3 | 14.8 | 15.1 | 13.5 | 14.1 | 13.8 | 14.3 | 14.6 |
| 4H | 13.9 | 14.4 | 14.2 | 14.7 | 15.0 | 13.4 | 14.0 | 13.8 | 14.3 | 14.6 |
| 6H | 13.8 | 14.3 | 14.2 | 14.6 | 14.9 | 13.3 | 13.8 | 13.7 | 14.1 | 14.5 |
| 8H | 13.7 | 14.2 | 14.1 | 14.5 | 14.9 | 13.3 | 13.7 | 13.7 | 14.1 | 14.4 |
| 12H | 13.7 | 14.1 | 14.1 | 14.5 | 14.8 | 13.2 | 13.6 | 13.6 | 14.0 | 14.4 |
| 8H 4H | 13.8 | 14.2 | 14.1 | 14.6 | 14.9 | 13.3 | 13.7 | 13.7 | 14.1 | 14.5 |
| 6H | 13.6 | 14.0 | 14.1 | 14.4 | 14.8 | 13.2 | 13.6 | 13.6 | 14.0 | 14.4 |
| 8H | 13.6 | 13.9 | 14.0 | 14.3 | 14.8 | 13.1 | 13.5 | 13.6 | 13.9 | 14.3 |
| 12H | 13.5 | 13.8 | 14.0 | 14.3 | 14.7 | 13.1 | 13.4 | 13.5 | 13.8 | 14.3 |
| 12H 4H | 13.7 | 14.1 | 14.1 | 14.5 | 14.9 | 13.2 | 13.7 | 13.7 | 14.0 | 14.4 |
| 6H | 13.6 | 13.9 | 14.0 | 14.3 | 14.8 | 13.1 | 13.5 | 13.6 | 13.9 | 14.3 |
| 8H | 13.5 | 13.8 | 14.0 | 14.3 | 14.7 | 13.1 | 13.4 | 13.5 | 13.8 | 14.3 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 2.4 / - 5.3 | | | | | + 2.1 / - 4.4 | | | | |
| 1.5H | + 3.4 / - 3.7 | | | | | + 2.7 / - 3.1 | | | | |
| 2.0H | + 3.9 / - 3.9 | | | | | + 3.3 / - 3.7 | | | | |

CIE Pub.117 Corrected 522.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.3)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |

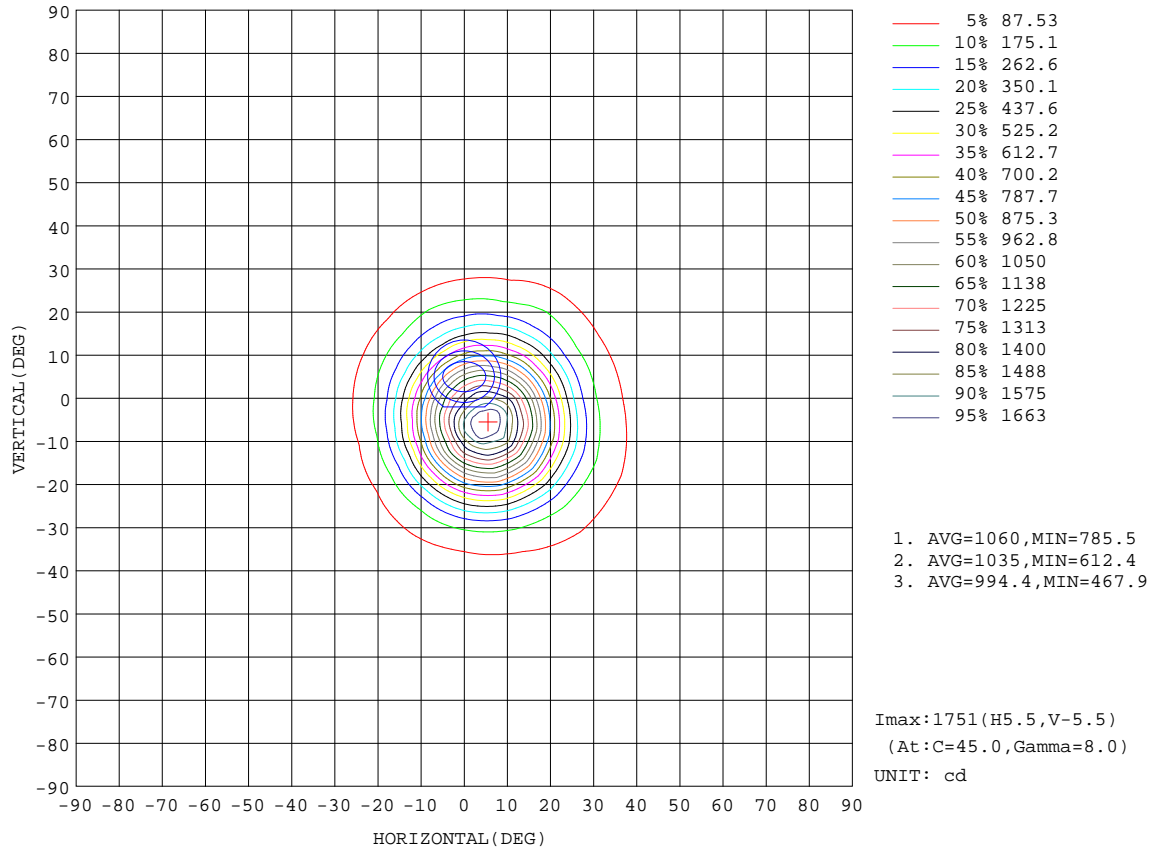
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 88 | 82 | 78 | 87 | 82 | 78 | 87 | 81 | 78 | 74 |
| 0.80 | 95 | 90 | 86 | 95 | 89 | 86 | 94 | 89 | 85 | 82 |
| 1.00 | 100 | 94 | 91 | 99 | 94 | 90 | 97 | 94 | 90 | 86 |
| 1.25 | 104 | 99 | 95 | 103 | 98 | 95 | 101 | 97 | 94 | 90 |
| 1.50 | 106 | 102 | 98 | 105 | 101 | 98 | 103 | 99 | 97 | 92 |
| 2.00 | 109 | 105 | 102 | 107 | 104 | 101 | 105 | 102 | 99 | 94 |
| 2.50 | 110 | 107 | 104 | 109 | 106 | 103 | 106 | 103 | 101 | 95 |
| 3.00 | 112 | 109 | 106 | 110 | 107 | 105 | 107 | 105 | 103 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 110 | 108 | 108 | 106 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 110 | 109 | 108 | 106 | 99 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |

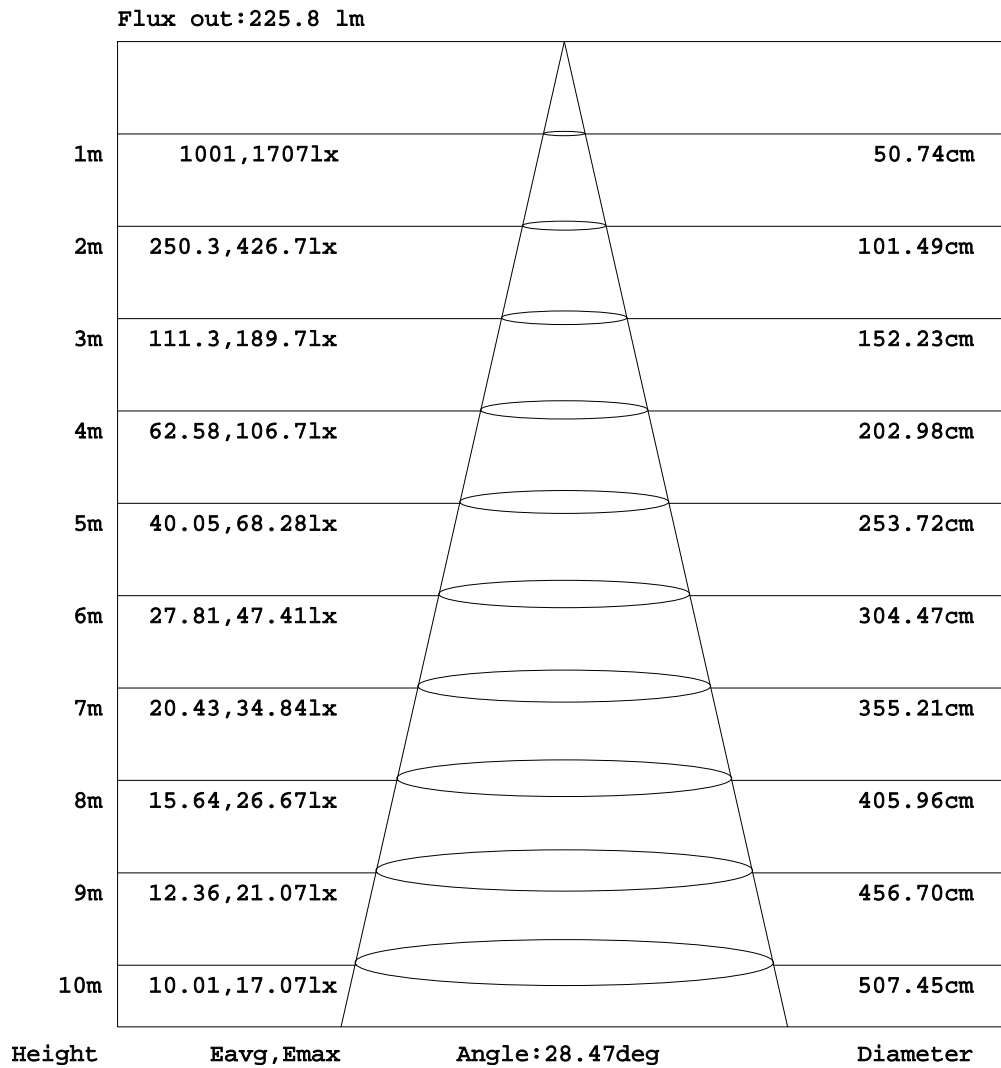


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

AAI Figure

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |



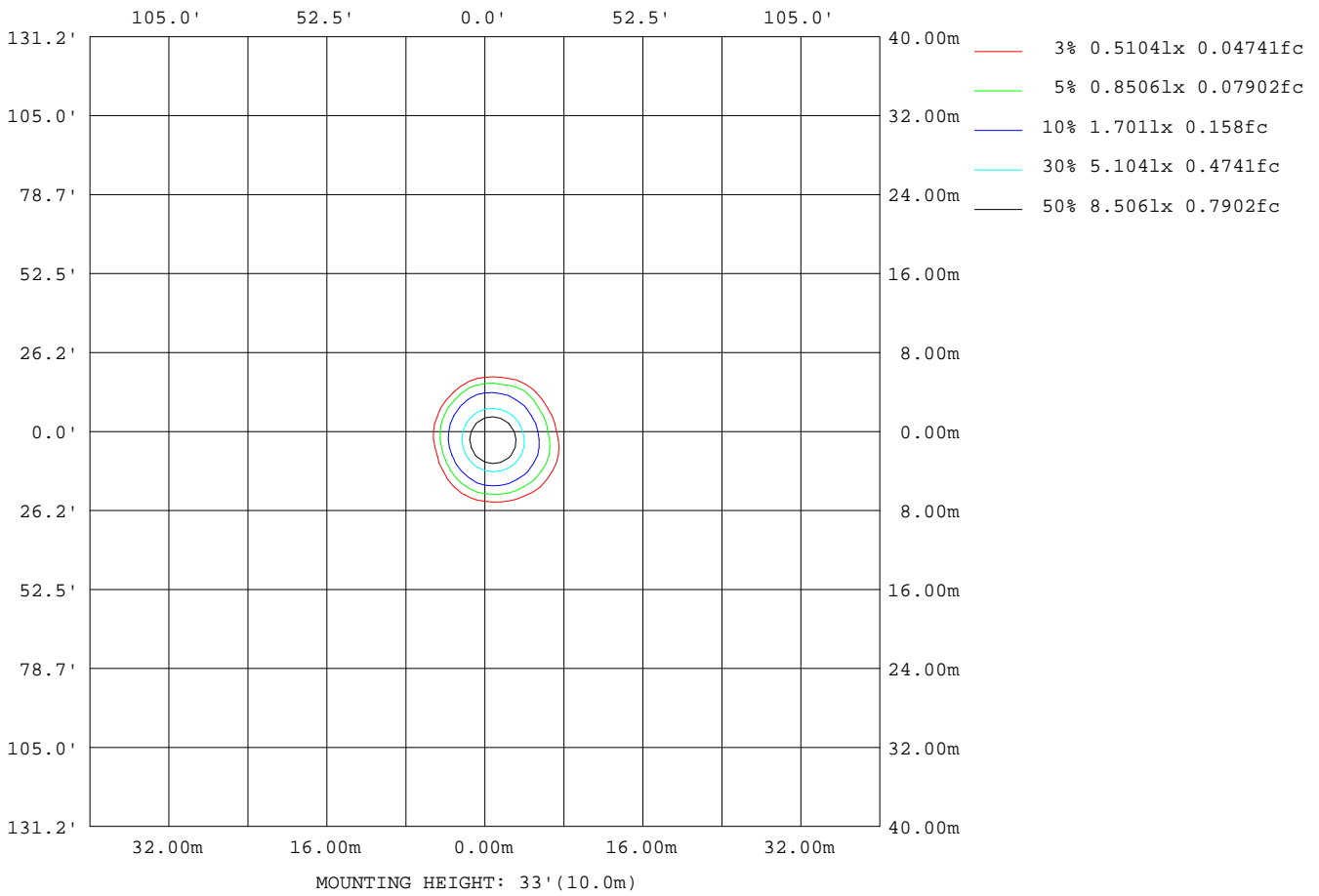
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

ISOLUX DIAGRAM

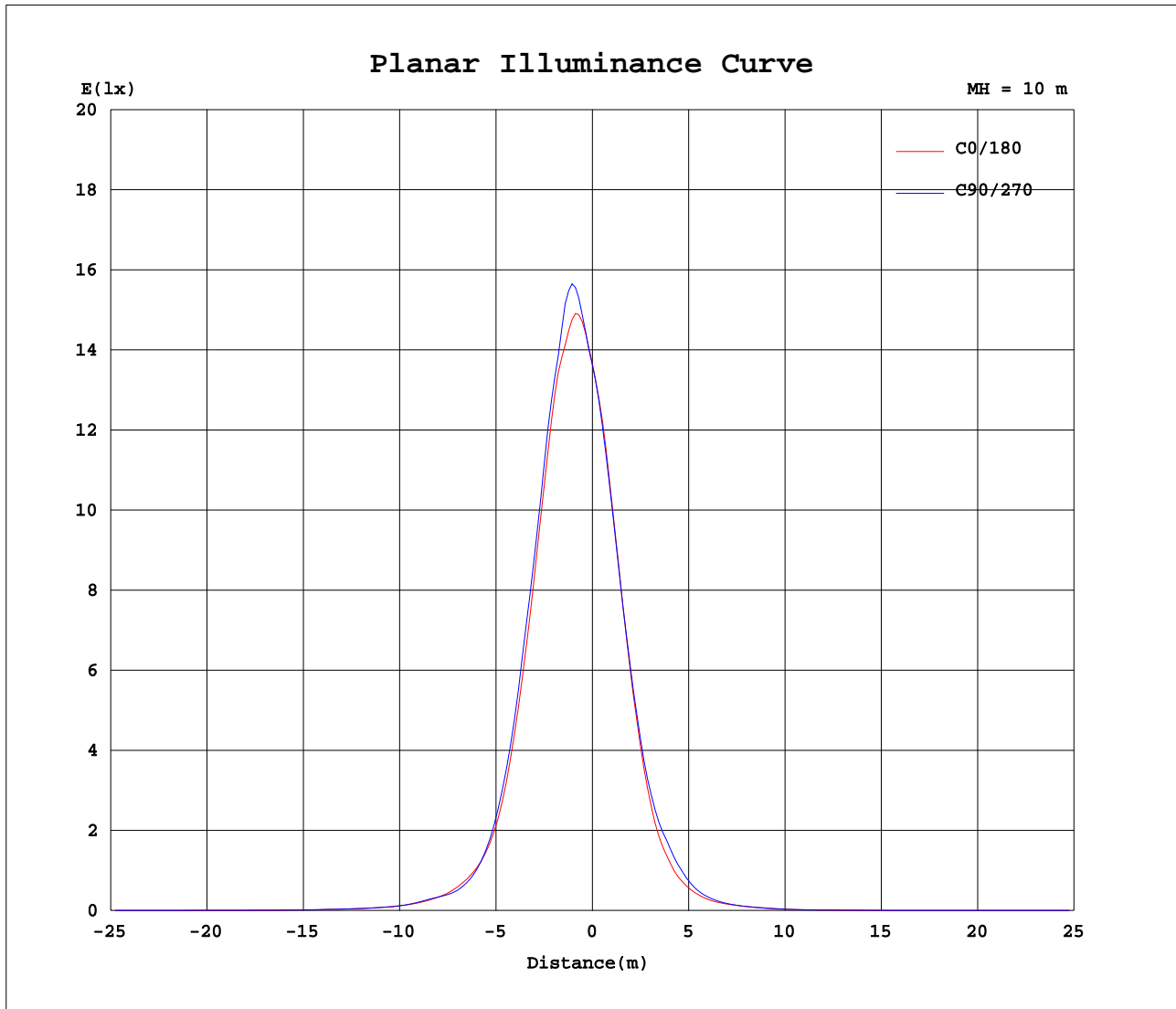
| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: Seth
Test Date: 2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity: 65.7%
Test Distance: 26.000m [K=1.4372]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------|---------------------|
| Test:U:120.1V I:0.0892A P:10.51W PF:0.9810 Freq:60.01Hz Lamp Flux:521.98x1 lm | | |
| NAME: LED 轨道灯 | TYPE: | WEIGHT:N/A |
| SPEC.:N/A | DIM.: | SERIAL No.:N/A |
| MFR.: 东莞市胜智灯饰有限公司 | SUR.: | Shielding Angle:N/A |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|-------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 1366 | 1365 | 1365 | 1365 | 1362 | 1360 | 1357 | 1355 | 1366 | 1365 | 1365 | 1365 | 1362 | 1360 | 1357 | 1355 | | | |
| 5 | 1509 | 1615 | 1687 | 1671 | 1574 | 1425 | 1297 | 1165 | 1092 | 1045 | 1013 | 1033 | 1082 | 1159 | 1267 | 1376 | | | |
| 10 | 1408 | 1621 | 1711 | 1675 | 1453 | 1204 | 1011 | 843 | 715 | 652 | 630 | 650 | 723 | 824 | 973 | 1174 | | | |
| 15 | 1092 | 1309 | 1444 | 1353 | 1143 | 893 | 647 | 481 | 395 | 347 | 343 | 362 | 417 | 503 | 643 | 852 | | | |
| 20 | 698 | 903 | 1008 | 946 | 760 | 526 | 339 | 242 | 194 | 190 | 188 | 214 | 237 | 282 | 371 | 509 | | | |
| 25 | 369 | 522 | 587 | 532 | 408 | 262 | 161 | 108 | 97.5 | 93.0 | 91.8 | 110 | 132 | 157 | 209 | 267 | | | |
| 30 | 189 | 268 | 292 | 253 | 190 | 129 | 80.3 | 57.1 | 50.2 | 44.3 | 45.0 | 50.9 | 61.5 | 78.1 | 129 | 147 | | | |
| 35 | 108 | 154 | 154 | 122 | 92.3 | 76.0 | 50.2 | 34.7 | 29.6 | 26.1 | 26.0 | 27.2 | 32.2 | 39.6 | 60.4 | 77.2 | | | |
| 40 | 60.3 | 87.5 | 89.1 | 72.1 | 65.0 | 47.1 | 31.6 | 22.8 | 19.2 | 16.6 | 16.1 | 16.3 | 18.5 | 22.7 | 31.4 | 41.5 | | | |
| 45 | 34.3 | 48.5 | 50.4 | 43.7 | 33.1 | 25.6 | 19.2 | 15.0 | 10.6 | 7.77 | 7.14 | 7.40 | 9.38 | 12.2 | 18.4 | 25.7 | | | |
| 50 | 21.0 | 26.9 | 29.2 | 24.5 | 20.6 | 16.1 | 11.3 | 7.41 | 4.93 | 4.33 | 3.77 | 4.34 | 6.13 | 6.15 | 9.16 | 15.5 | | | |
| 55 | 11.5 | 15.4 | 18.2 | 15.7 | 12.9 | 8.55 | 5.79 | 4.25 | 2.66 | 3.38 | 1.72 | 1.81 | 3.24 | 4.26 | 5.13 | 8.07 | | | |
| 60 | 6.90 | 8.35 | 9.61 | 8.34 | 6.63 | 4.83 | 3.81 | 2.29 | 0.39 | 0.62 | 0.39 | 0.16 | 1.11 | 1.57 | 2.84 | 4.32 | | | |
| 65 | 4.63 | 5.52 | 5.60 | 4.99 | 4.06 | 3.01 | 1.98 | 1.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.18 | 1.65 | | | |
| 70 | 2.12 | 3.56 | 4.56 | 3.41 | 2.00 | 1.03 | 0.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | | | |
| 75 | 0.47 | 1.03 | 1.82 | 1.82 | 1.12 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 80 | 0.08 | 0.08 | 0.16 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.47 | 0.63 | 0.56 | 0.25 | 0.00 | 0.00 | 0.00 | | | |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.95 | 1.26 | 1.35 | 0.88 | 0.47 | 0.00 | 0.00 | | | |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 1.58 | 1.81 | 2.06 | 1.20 | 1.03 | 0.32 | 0.24 | | | |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 | 1.73 | 1.81 | 2.61 | 1.51 | 1.26 | 1.19 | 0.79 | | | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 | 1.81 | 1.88 | 2.45 | 1.51 | 1.26 | 1.35 | 1.02 | | | |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 | 1.42 | 1.41 | 2.21 | 1.43 | 1.18 | 1.27 | 1.26 | | | |
| 170 | 0.15 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 | 0.08 | 0.08 | 1.41 | 1.26 | 1.02 | 1.50 | 1.27 | 0.79 | 1.19 | 1.18 | | | |
| 175 | 0.16 | 0.00 | 0.23 | 0.15 | 0.23 | 0.23 | 0.47 | 0.31 | 1.10 | 0.86 | 0.55 | 1.34 | 0.71 | 0.79 | 1.03 | 1.18 | | | |
| 180 | 0.31 | 0.47 | 0.55 | 0.47 | 0.40 | 0.55 | 0.87 | 0.55 | 1.02 | 0.39 | 0.23 | 0.79 | 0.48 | 0.47 | 0.71 | 0.94 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:Seth
 Test Date:2017-03-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4372]
 Remarks: