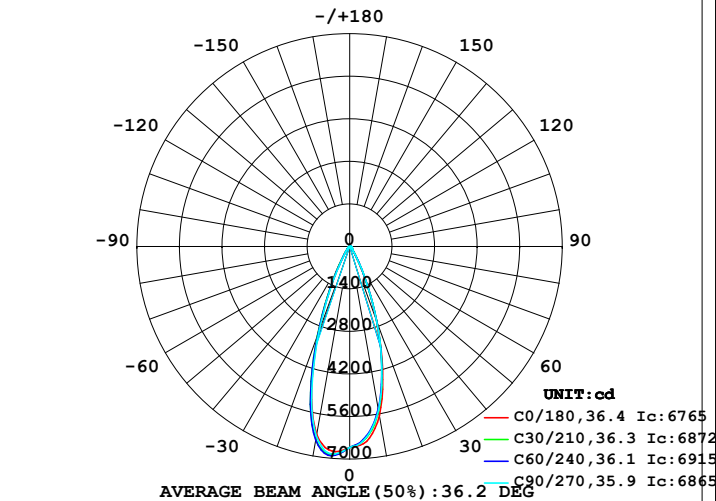


LUMINAIRE PHOTOMETRIC TEST REPORT

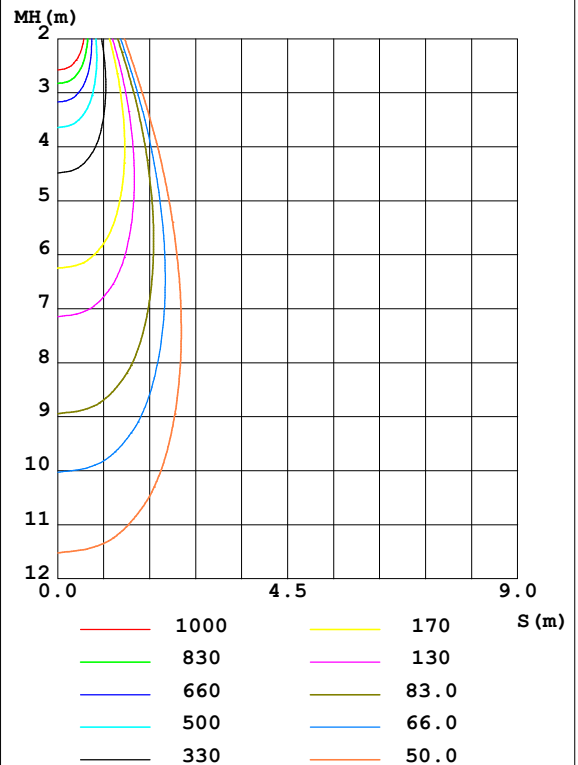
| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 105.74 lm/W | | | |
|------------------|-------------|-----------------------------------|--------|-------------------|----------|
| MODEL | 4000K CRI80 | I _{max} (cd) | 6915 | S/MH(C0/180) | 0.59 |
| NOMINAL POWER(W) | 28 | LOR(%) | 100.0 | S/MH(C90/270) | 0.59 |
| RATED VOLTAGE(V) | 226 | TOTAL FLUX(lm) | 2876.2 | η UP,DN(C0-180) | 0.0,48.3 |
| NOMINAL FLUX(lm) | 2876.22 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,51.7 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 225.6 | η down(%) | 100.0 | CIBSE SHR MAX | 0.60 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10 | 5651 | 5468 | 5477 | 5778 | 6275 | 6421 | 6340 | 5904 | 0- 10 | 607.6 | 607.6 | 21.1,21.1 |
| 20 | 2589 | 2650 | 2612 | 2795 | 3023 | 3018 | 2943 | 2663 | 10- 20 | 1209 | 1817 | 63.2,63.2 |
| 30 | 552.3 | 629.3 | 589.3 | 620.7 | 661.5 | 655.5 | 593.4 | 569.0 | 20- 30 | 668.5 | 2485 | 86.4,86.4 |
| 40 | 153.3 | 160.0 | 164.3 | 167.9 | 174.0 | 168.2 | 155.7 | 151.8 | 30- 40 | 194.1 | 2680 | 93.2,93.2 |
| 50 | 71.51 | 73.57 | 75.06 | 77.44 | 78.12 | 76.41 | 75.92 | 73.04 | 40- 50 | 83.96 | 2764 | 96.1,96.1 |
| 60 | 46.90 | 47.84 | 48.49 | 49.25 | 49.08 | 47.96 | 48.45 | 47.58 | 50- 60 | 53.49 | 2817 | 97.9,97.9 |
| 70 | 27.23 | 26.96 | 27.31 | 28.31 | 28.45 | 28.05 | 29.06 | 28.88 | 60- 70 | 37.30 | 2854 | 99.2,99.2 |
| 80 | 6.269 | 6.722 | 6.714 | 7.397 | 7.167 | 7.087 | 6.792 | 6.474 | 70- 80 | 18.47 | 2873 | 99.9,99.9 |
| 90 | 2.996 | 3.003 | 2.938 | 2.897 | 1.985 | 1.996 | 2.005 | 2.003 | 80- 90 | 3.423 | 2876 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 2727.7 lm

%lum = 94.8%

%lamp = 94.8%

Conical surface Flux(120deg): 2817 lm

%lum = 97.9%

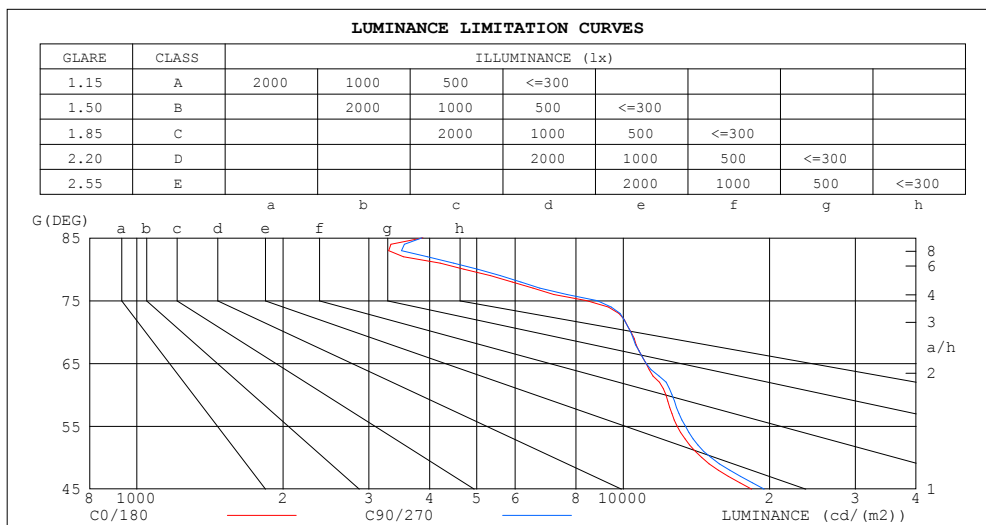
%lamp = 97.9%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WuXing
 Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 3877 | 3857 |
| 80 | 4708 | 5021 |
| 75 | 8404 | 8845 |
| 70 | 10383 | 10370 |
| 65 | 11137 | 11146 |
| 60 | 12232 | 12593 |
| 55 | 12908 | 13421 |
| 50 | 14508 | 15164 |
| 45 | 18375 | 19480 |

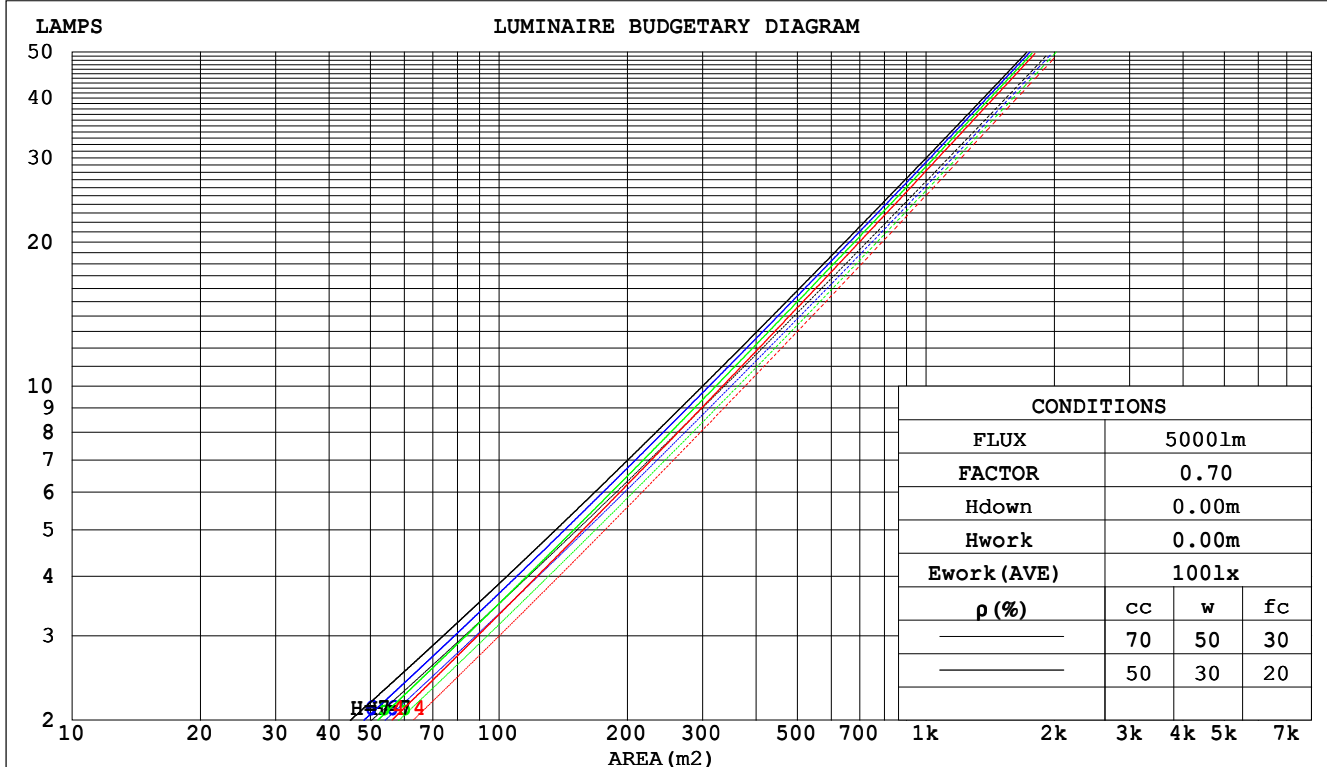
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |

| 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 | 1.00 |
| 1.0 | 1.12 | 1.09 | 1.07 | 1.09 | 1.07 | 1.06 | 1.05 | 1.04 | 1.02 | 1.02 | 1.00 | .99 | .98 | .97 | .96 | .95 |
| 2.0 | 1.05 | 1.01 | .98 | 1.03 | .90 | .97 | 1.00 | .97 | .95 | .97 | .95 | .93 | .94 | .93 | .91 | .90 |
| 3.0 | .99 | .95 | .91 | .98 | .94 | .90 | .95 | .92 | .89 | .93 | .90 | .88 | .91 | .88 | .86 | .85 |
| 4.0 | .94 | .89 | .85 | .93 | .88 | .85 | .91 | .87 | .84 | .89 | .86 | .83 | .87 | .84 | .82 | .81 |
| 5.0 | .89 | .84 | .81 | .88 | .84 | .80 | .87 | .83 | .80 | .85 | .82 | .79 | .84 | .81 | .78 | .77 |
| 6.0 | .85 | .80 | .77 | .85 | .80 | .76 | .83 | .79 | .76 | .82 | .78 | .75 | .81 | .77 | .75 | .74 |
| 7.0 | .82 | .76 | .73 | .81 | .76 | .73 | .80 | .75 | .72 | .79 | .75 | .72 | .78 | .74 | .72 | .70 |
| 8.0 | .78 | .73 | .70 | .78 | .73 | .70 | .77 | .72 | .69 | .76 | .72 | .69 | .75 | .71 | .69 | .68 |
| 9.0 | .75 | .70 | .67 | .75 | .70 | .67 | .74 | .69 | .66 | .73 | .69 | .66 | .72 | .69 | .66 | .65 |
| 10.0 | .72 | .67 | .64 | .72 | .67 | .64 | .71 | .67 | .64 | .70 | .66 | .64 | .70 | .66 | .64 | .62 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WuXing
 Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|---------|--|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | | | | |
| NAME: TL44-28W-830-B-36-L | | | TYPE: | | WEIGHT: |
| SPEC.: | | | DIM.: | | SERIAL No.: |
| MFR.: | | | SUR.:99 | | Shielding Angle: |

| 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 | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .163 | .093 | .029 | .156 | .089 | .028 | .144 | .082 | .026 | .132 | .076 | .024 | .122 | .070 | .023 | | |
| 2.0 | .153 | .084 | .026 | .148 | .081 | .025 | .137 | .076 | .024 | .127 | .071 | .022 | .119 | .067 | .021 | | |
| 3.0 | .144 | .076 | .023 | .139 | .074 | .022 | .130 | .071 | .021 | .122 | .067 | .020 | .114 | .063 | .020 | | |
| 4.0 | .135 | .070 | .021 | .131 | .069 | .020 | .124 | .066 | .020 | .117 | .063 | .019 | .110 | .060 | .018 | | |
| 5.0 | .128 | .065 | .019 | .124 | .064 | .019 | .118 | .061 | .018 | .112 | .059 | .018 | .106 | .057 | .017 | | |
| 6.0 | .121 | .061 | .017 | .118 | .060 | .017 | .112 | .058 | .017 | .107 | .056 | .016 | .102 | .054 | .016 | | |
| 7.0 | .115 | .057 | .016 | .112 | .056 | .016 | .107 | .054 | .016 | .103 | .053 | .015 | .098 | .051 | .015 | | |
| 8.0 | .109 | .053 | .015 | .107 | .053 | .015 | .103 | .051 | .015 | .099 | .050 | .014 | .095 | .049 | .014 | | |
| 9.0 | .105 | .051 | .014 | .103 | .050 | .014 | .099 | .049 | .014 | .095 | .048 | .014 | .092 | .046 | .013 | | |
| 10.0 | .100 | .048 | .013 | .098 | .048 | .013 | .095 | .046 | .013 | .092 | .045 | .013 | .088 | .044 | .013 | | |

| 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 | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .170 | .157 | .146 | .146 | .135 | .126 | .100 | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .154 | .133 | .115 | .132 | .114 | .099 | .090 | .079 | .069 | .052 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .140 | .113 | .092 | .120 | .098 | .080 | .082 | .068 | .056 | .048 | .040 | .033 | .015 | .013 | .011 | |
| 4.0 | .129 | .098 | .075 | .110 | .085 | .065 | .076 | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 | |
| 5.0 | .119 | .087 | .062 | .102 | .075 | .054 | .070 | .052 | .038 | .041 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .111 | .077 | .052 | .095 | .067 | .046 | .066 | .047 | .032 | .038 | .027 | .019 | .012 | .009 | .006 | |
| 7.0 | .104 | .069 | .045 | .089 | .060 | .039 | .062 | .042 | .028 | .036 | .025 | .016 | .012 | .008 | .005 | |
| 8.0 | .098 | .062 | .038 | .084 | .054 | .033 | .058 | .038 | .024 | .034 | .022 | .014 | .011 | .007 | .005 | |
| 9.0 | .092 | .057 | .033 | .079 | .050 | .029 | .055 | .035 | .021 | .032 | .021 | .012 | .010 | .007 | .004 | |
| 10.0 | .087 | .052 | .029 | .075 | .046 | .026 | .052 | .032 | .018 | .030 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|---------------|------------------|------|------|---------|---------------|----------------|------------------|------|------|------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | | | | | | | | | | |
| NAME: TL44-28W-830-B-36-L | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.:99 | | | 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 | | 12.3 | 13.1 | 12.5 | 13.2 | 13.4 | 12.5 | 13.3 | 12.7 | 13.4 | 13.6 |
| | 3H | 13.1 | 13.8 | 13.3 | 14.0 | 14.2 | 13.2 | 14.0 | 13.5 | 14.2 | 14.4 |
| | 4H | 13.4 | 14.1 | 13.7 | 14.3 | 14.5 | 13.6 | 14.3 | 13.8 | 14.5 | 14.7 |
| | 6H | 13.5 | 14.1 | 13.8 | 14.4 | 14.6 | 13.6 | 14.3 | 13.9 | 14.5 | 14.8 |
| | 8H | 13.5 | 14.1 | 13.8 | 14.4 | 14.6 | 13.6 | 14.3 | 13.9 | 14.5 | 14.8 |
| | 12H | 13.4 | 14.1 | 13.7 | 14.3 | 14.6 | 13.6 | 14.2 | 13.9 | 14.5 | 14.8 |
| 4H | 2H | 12.6 | 13.3 | 12.8 | 13.5 | 13.7 | 12.7 | 13.4 | 13.0 | 13.7 | 13.9 |
| | 3H | 13.6 | 14.2 | 13.9 | 14.5 | 14.7 | 13.7 | 14.3 | 14.0 | 14.6 | 14.9 |
| | 4H | 14.0 | 14.5 | 14.3 | 14.8 | 15.1 | 14.1 | 14.7 | 14.5 | 15.0 | 15.3 |
| | 6H | 14.1 | 14.6 | 14.5 | 14.9 | 15.3 | 14.2 | 14.7 | 14.6 | 15.1 | 15.4 |
| | 8H | 14.1 | 14.6 | 14.5 | 14.9 | 15.3 | 14.2 | 14.7 | 14.6 | 15.1 | 15.4 |
| | 12H | 14.1 | 14.5 | 14.5 | 14.9 | 15.2 | 14.2 | 14.6 | 14.6 | 15.0 | 15.4 |
| 8H | 4H | 14.1 | 14.5 | 14.5 | 14.9 | 15.2 | 14.2 | 14.7 | 14.6 | 15.0 | 15.4 |
| | 6H | 14.2 | 14.6 | 14.6 | 15.0 | 15.4 | 14.4 | 14.7 | 14.8 | 15.1 | 15.5 |
| | 8H | 14.2 | 14.6 | 14.7 | 15.0 | 15.4 | 14.4 | 14.7 | 14.8 | 15.1 | 15.6 |
| | 12H | 14.2 | 14.5 | 14.7 | 14.9 | 15.4 | 14.4 | 14.7 | 14.8 | 15.1 | 15.6 |
| 12H | 4H | 14.0 | 14.5 | 14.4 | 14.8 | 15.2 | 14.2 | 14.6 | 14.6 | 15.0 | 15.3 |
| | 6H | 14.2 | 14.5 | 14.6 | 14.9 | 15.4 | 14.3 | 14.7 | 14.8 | 15.1 | 15.5 |
| | 8H | 14.2 | 14.5 | 14.7 | 14.9 | 15.4 | 14.3 | 14.6 | 14.8 | 15.1 | 15.5 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.6 / - 0.8 | | | | | + 0.6 / - 0.8 | | | | | |
| 1.5H | + 1.2 / - 0.6 | | | | | + 1.3 / - 0.7 | | | | | |
| 2.0H | + 0.8 / - 0.6 | | | | | + 0.9 / - 0.6 | | | | | |

CIE Pub.117, 2876 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.7$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |

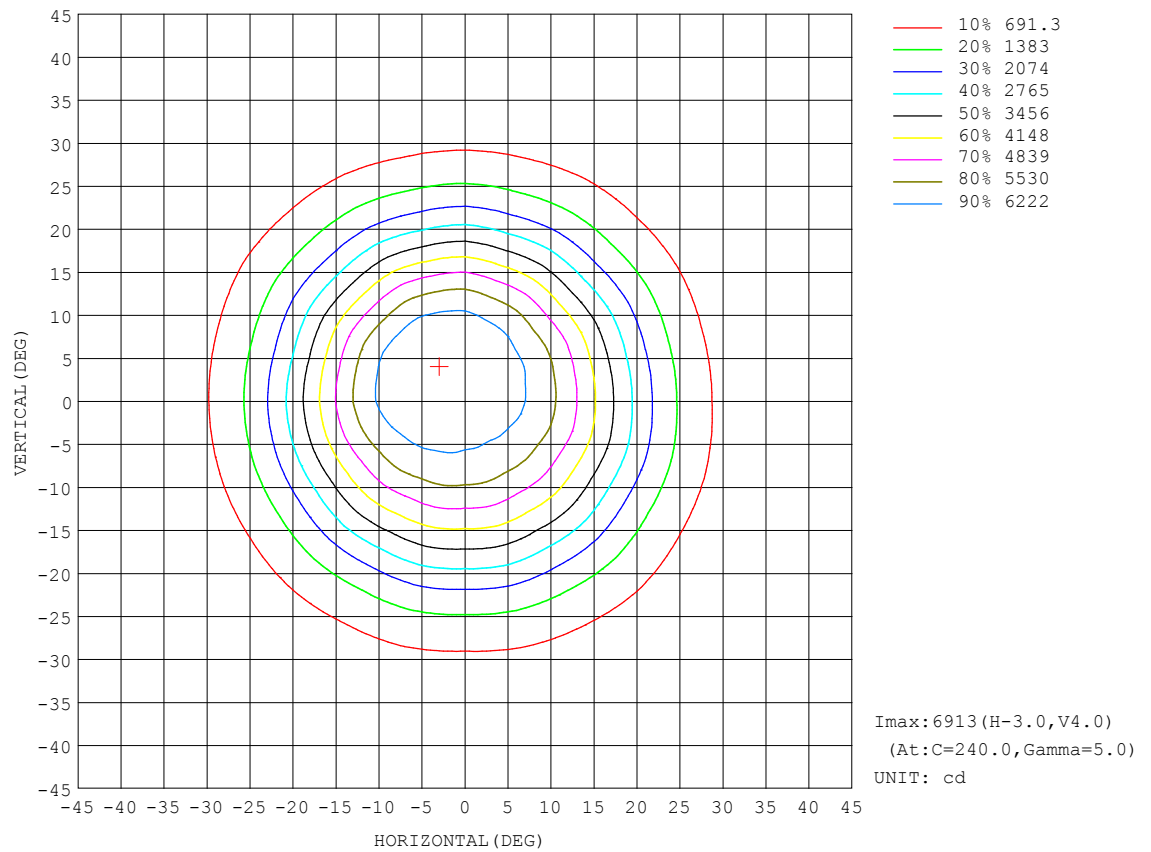
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 87 | 81 | 77 | 87 | 81 | 77 | 86 | 80 | 77 | 73 |
| 0.80 | 95 | 89 | 85 | 94 | 88 | 85 | 93 | 88 | 85 | 81 |
| 1.00 | 99 | 93 | 90 | 98 | 93 | 89 | 97 | 93 | 89 | 85 |
| 1.25 | 103 | 98 | 94 | 102 | 97 | 94 | 100 | 96 | 93 | 89 |
| 1.50 | 106 | 101 | 97 | 104 | 100 | 97 | 102 | 99 | 96 | 91 |
| 2.00 | 108 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 99 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 103 | 100 | 94 |
| 3.00 | 112 | 108 | 105 | 110 | 107 | 104 | 106 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 105 | 97 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 107 | 106 | 99 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |

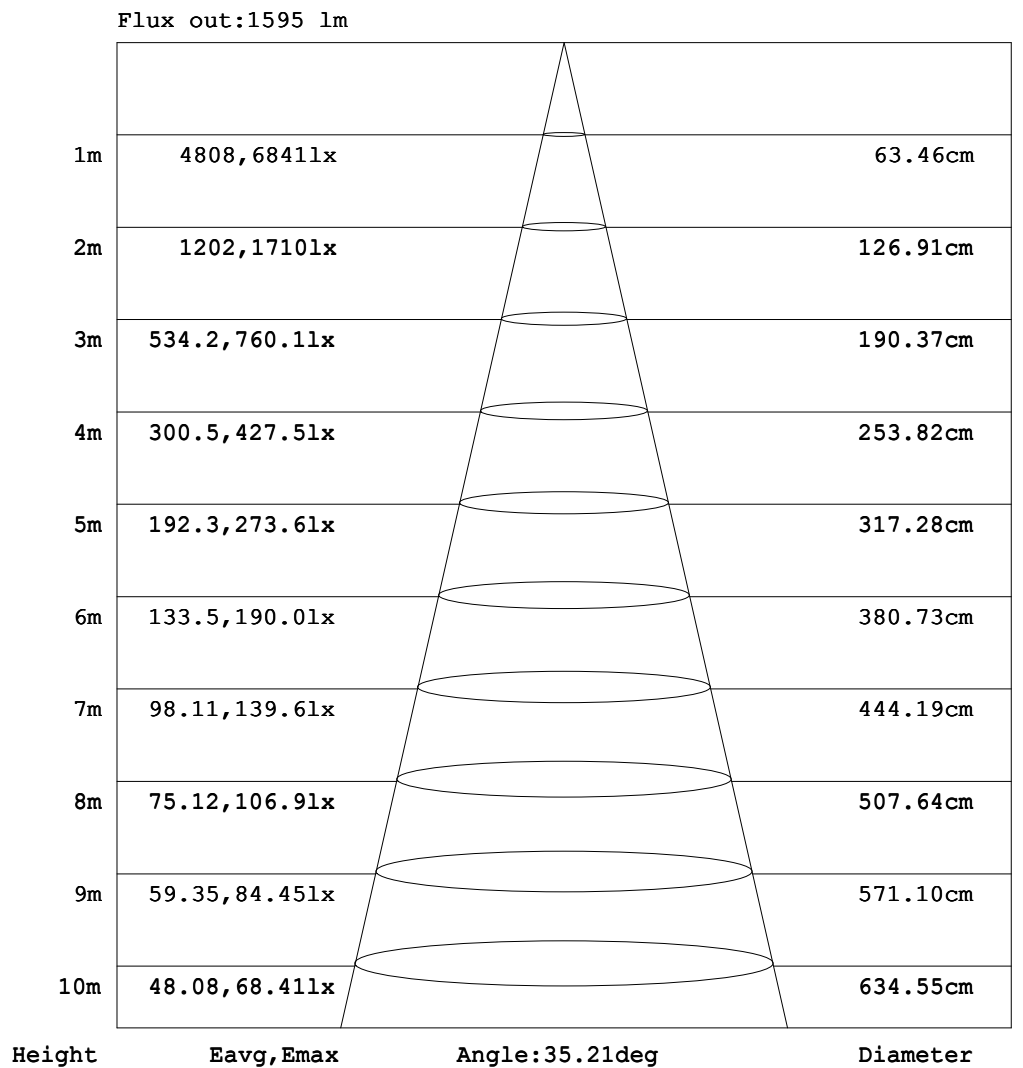


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |



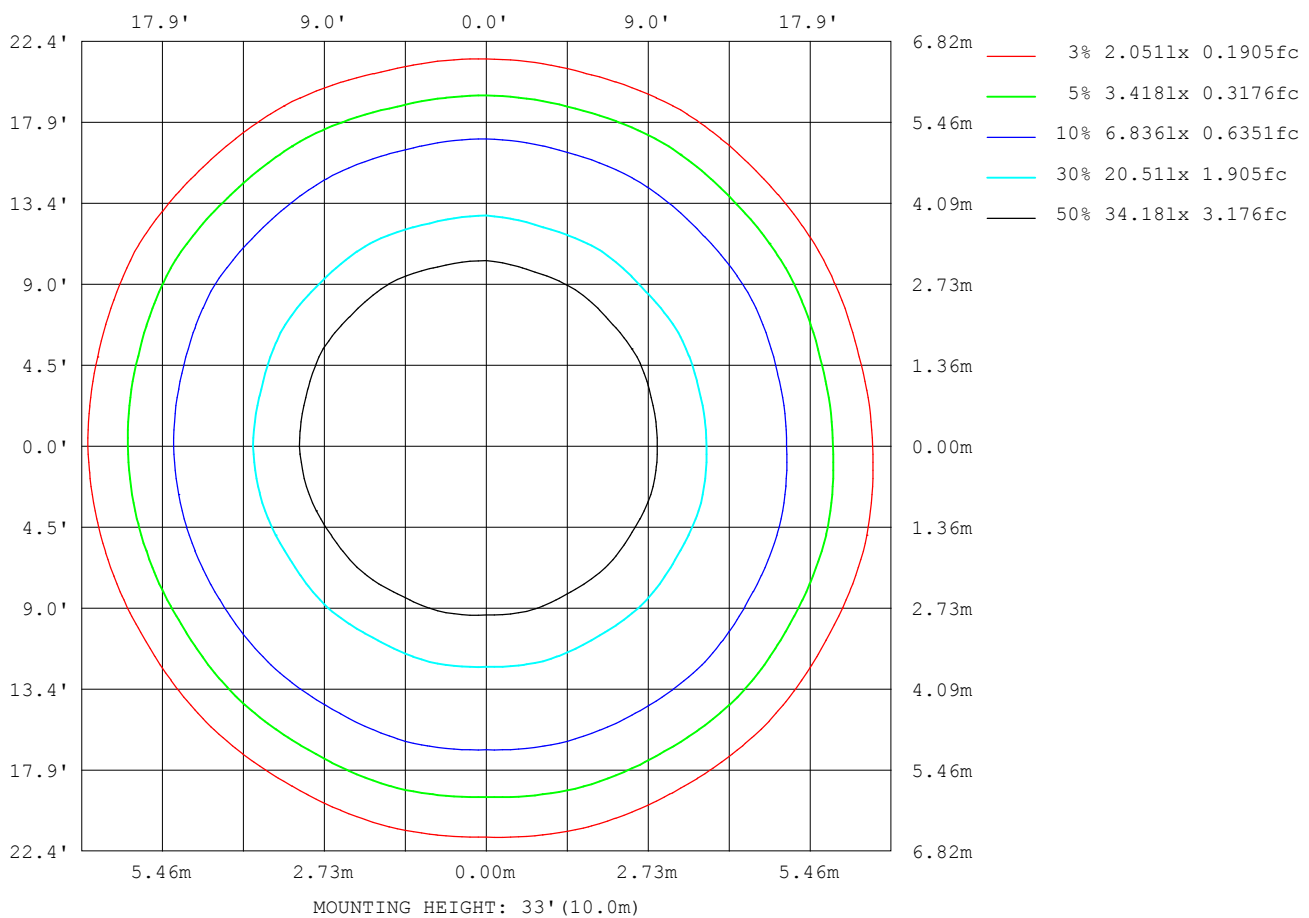
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WuXing
 Test Date:2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WuXing
Test Date: 2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 7.240m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|---------|------------------|
| Test:U:225.6V I:0.1250A P:27.20W PF:0.9610 Freq:50.00Hz Lamp Flux:2876.22x1 lm | | |
| NAME: TL44-28W-830-B-36-L | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:99 | Shielding Angle: |

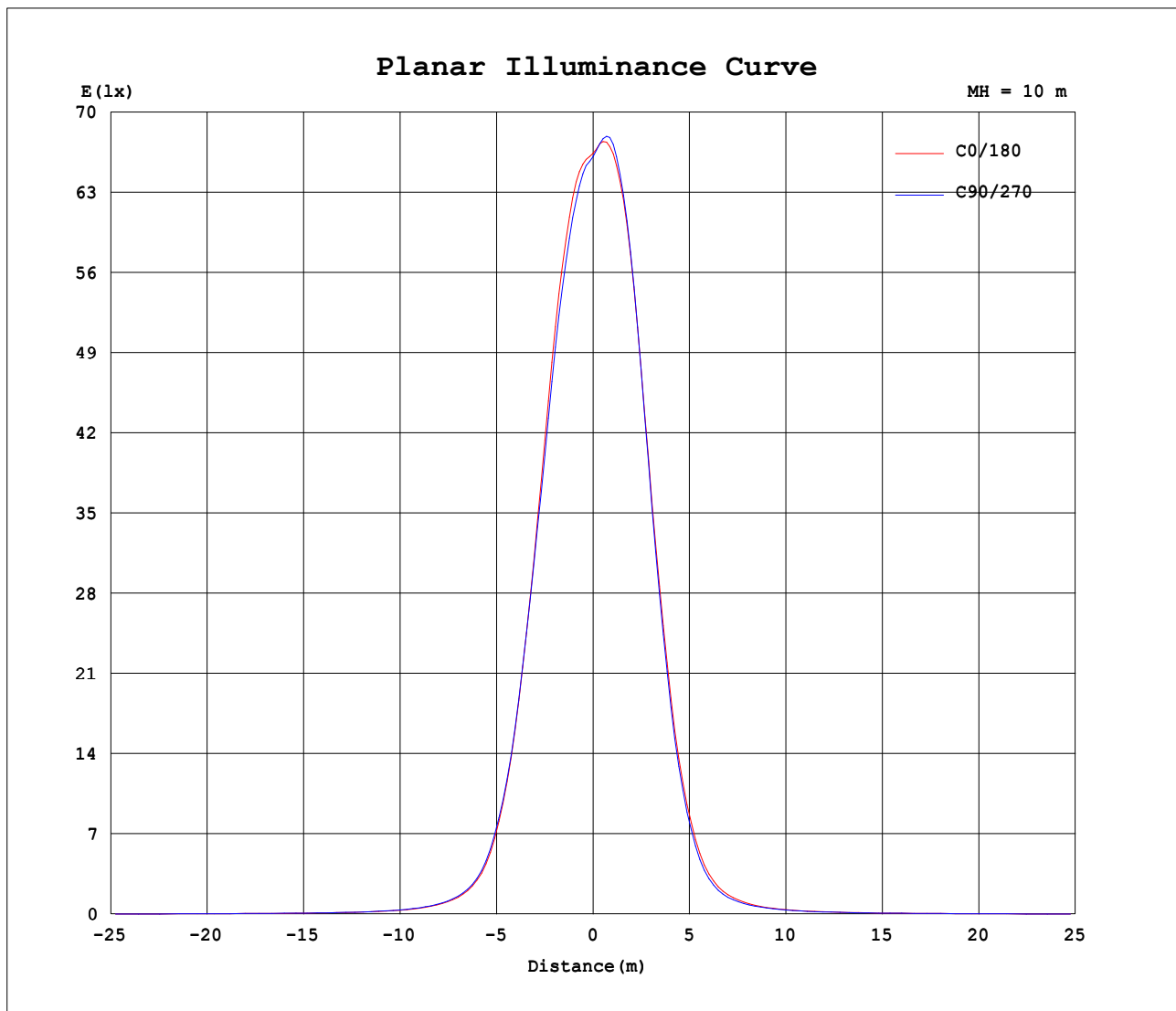
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 11391 |
| L_0~180 (75) av | 8901 |
| L_0~180 (85) av | 3372 |
| L_90~270 (65) av | 11511 |
| L_90~270 (75) av | 9015 |
| L_90~270 (85) av | 3370 |
| L_45 (65) av | 11516 |
| L_45 (75) av | 9296 |
| L_45 (85) av | 3373 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WuXing
Test Date:2018-11-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WuXing
Test Date: 2018-11-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 7.240m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

```