

Low Voltage Track System Module ML26-RS40-8W-930-45



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 8.112 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.70 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason Long
Test Date: 2019-12-06

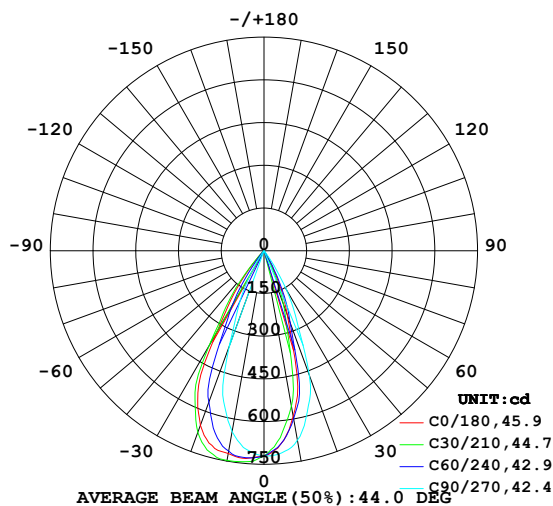
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 56%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

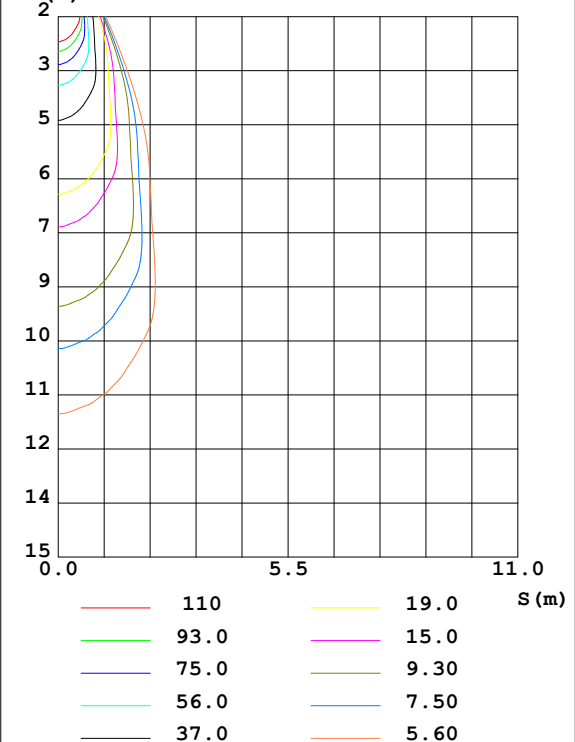
| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.1690A P:8.112W PF:1.000 Freq:0Hz Lamp Flux:419.767x1 lm | | |
| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 51.75 lm/W | | | |
|-------------------|---------------|----------------------------------|--------|-------------------------|----------|
| MODEL | CITIZEN-3000K | I _{max} (cd) | 756.5 | S/MH (C0/180) | 0.86 |
| NOMINAL POWER (W) | 8 | LOR (%) | 100.0 | S/MH (C90/270) | 0.62 |
| RATED VOLTAGE (V) | 48 | TOTAL FLUX (lm) | 419.77 | η UP,DN (C0-180) | 0.0,52.1 |
| NOMINAL FLUX (lm) | 419.767 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.0,47.9 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE (V) | 48 | η down (%) | 100.0 | CIBSE SHR MAX | 0.70 |

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: Jason Long
Test Date: 2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 56%
Test Distance: 5.850m [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 | 590.5 | 577.0 | 675.6 | 747.0 | 723.2 | 734.7 | 645.0 | 540.4 | 0- 10 | 65.41 | 65.41 | 15.6,15.6 |
| 20 | 238.2 | 233.1 | 467.7 | 678.2 | 652.8 | 621.0 | 359.0 | 182.4 | 10- 20 | 152.0 | 217.4 | 51.8,51.8 |
| 30 | 27.72 | 23.42 | 157.4 | 399.9 | 333.9 | 292.5 | 90.87 | 13.13 | 20- 30 | 136.0 | 353.4 | 84.2,84.2 |
| 40 | 3.083 | 3.047 | 9.048 | 95.89 | 61.52 | 49.61 | 5.598 | 2.443 | 30- 40 | 55.97 | 409.3 | 97.5,97.5 |
| 50 | 0.7668 | 0.7397 | 2.162 | 5.510 | 4.427 | 4.170 | 1.623 | 0.5768 | 40- 50 | 8.547 | 417.9 | 99.6,99.6 |
| 60 | 0.1773 | 0.1528 | 0.5256 | 1.679 | 1.412 | 1.291 | 0.3523 | 0.1441 | 50- 60 | 1.330 | 419.2 | 99.9,99.9 |
| 70 | 0.0485 | 0.0306 | 0.1414 | 0.4380 | 0.3662 | 0.3282 | 0.0727 | 0.0399 | 60- 70 | 0.4064 | 419.6 | 100,100 |
| 80 | 0.0190 | 0.0153 | 0.0441 | 0.1084 | 0.0883 | 0.0853 | 0.0066 | 0.0133 | 70- 80 | 0.1118 | 419.7 | 100,100 |
| 90 | 0.0148 | 0.0153 | 0.0154 | 0.0244 | 0.0232 | 0.0197 | 0.0066 | 0.0089 | 80- 90 | 0.0307 | 419.8 | 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): 415.98 lm

%lum = 99.1%

%lamp = 99.1%

Conical surface Flux(120deg): 419.22 lm

%lum = 99.9%

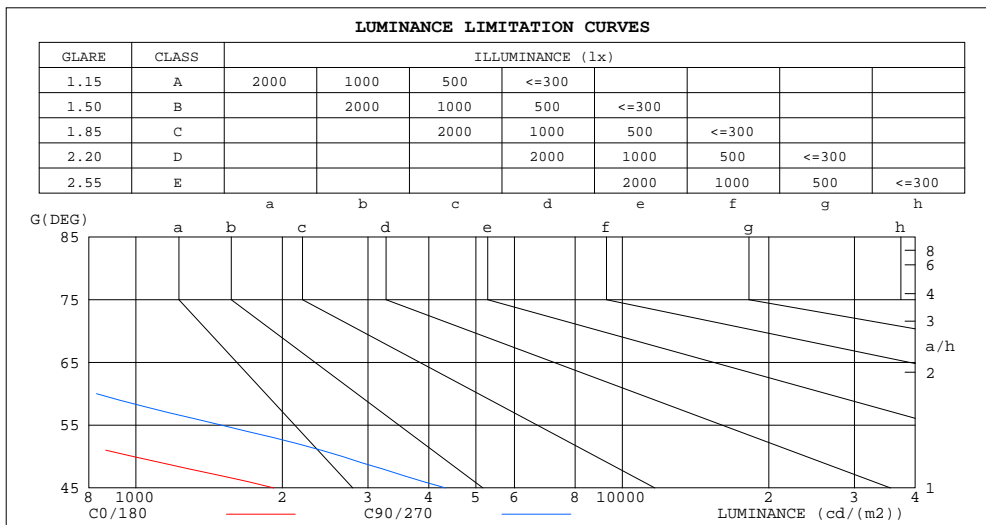
%lamp = 99.9%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------------------------|--|
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| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 140 | 220 |
| 80 | 90 | 201 |
| 75 | 88 | 236 |
| 70 | 117 | 326 |
| 65 | 177 | 495 |
| 60 | 293 | 830 |
| 55 | 523 | 1496 |
| 50 | 985 | 2655 |
| 45 | 1921 | 4332 |

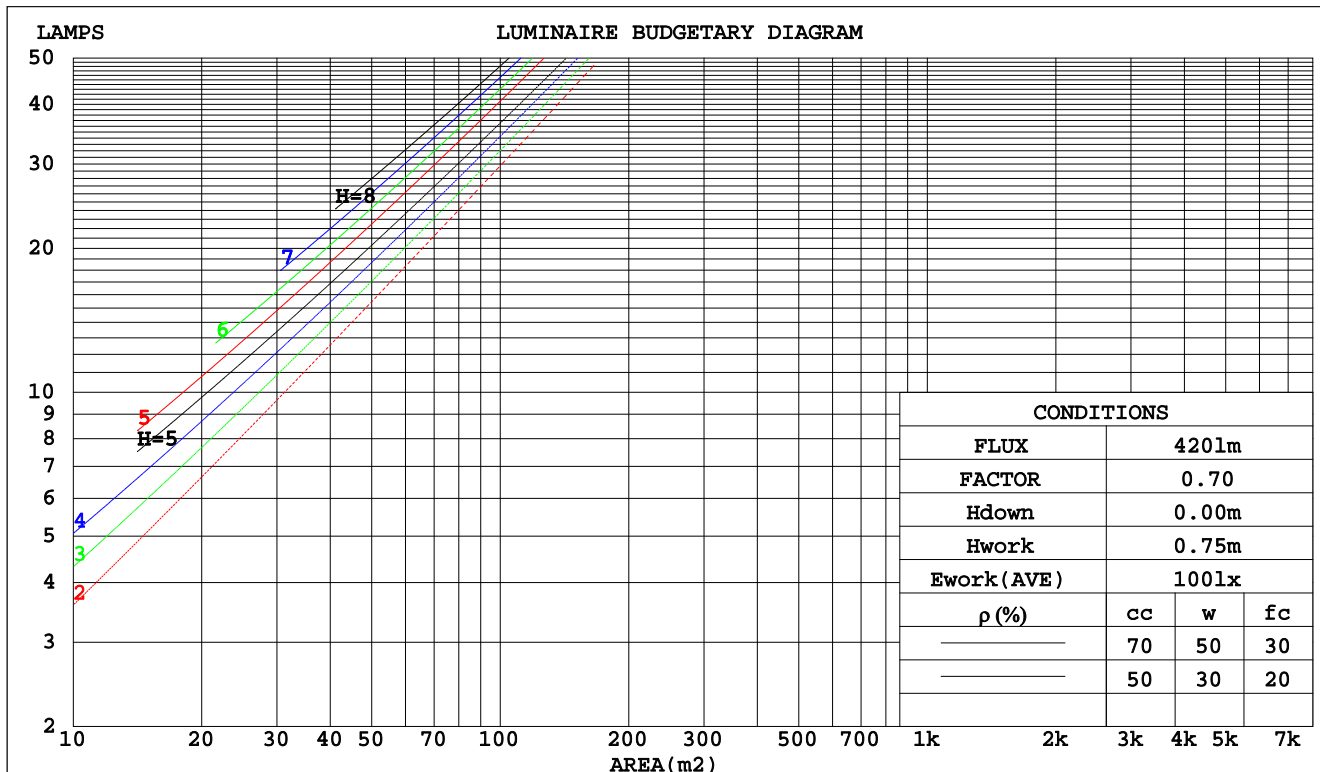
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C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--|--|
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| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: $\phi 40\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

| 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 | 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 | .90 | .97 | .95 | .97 | .95 | .93 | .94 | .93 | .91 | .89 |
| 3.0 | .99 | .94 | .91 | .97 | .93 | .90 | .95 | .91 | .89 | .93 | .90 | .87 | .90 | .88 | .86 | .85 |
| 4.0 | .93 | .88 | .85 | .92 | .88 | .84 | .90 | .86 | .83 | .88 | .85 | .82 | .86 | .84 | .81 | .80 |
| 5.0 | .88 | .83 | .79 | .87 | .83 | .79 | .86 | .82 | .78 | .84 | .80 | .78 | .83 | .79 | .77 | .76 |
| 6.0 | .84 | .78 | .75 | .83 | .78 | .74 | .82 | .77 | .74 | .80 | .76 | .73 | .79 | .76 | .73 | .72 |
| 7.0 | .80 | .74 | .71 | .79 | .74 | .70 | .78 | .73 | .70 | .77 | .73 | .70 | .76 | .72 | .69 | .68 |
| 8.0 | .76 | .70 | .67 | .75 | .70 | .67 | .74 | .70 | .66 | .73 | .69 | .66 | .72 | .69 | .66 | .65 |
| 9.0 | .72 | .67 | .63 | .72 | .67 | .63 | .71 | .66 | .63 | .70 | .66 | .63 | .69 | .66 | .63 | .62 |
| 10.0 | .69 | .64 | .60 | .69 | .64 | .60 | .68 | .63 | .60 | .67 | .63 | .60 | .66 | .63 | .60 | .59 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|--------------------------------------|--|
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| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .162 | .092 | .029 | .155 | .089 | .028 | .143 | .082 | .026 | .131 | .076 | .024 | .121 | .070 | .023 | | |
| 2.0 | .153 | .084 | .026 | .148 | .081 | .025 | .137 | .076 | .024 | .128 | .072 | .022 | .119 | .067 | .021 | | |
| 3.0 | .145 | .077 | .023 | .141 | .075 | .023 | .132 | .071 | .022 | .124 | .068 | .021 | .116 | .064 | .020 | | |
| 4.0 | .138 | .072 | .021 | .134 | .070 | .021 | .127 | .067 | .020 | .120 | .064 | .019 | .113 | .061 | .019 | | |
| 5.0 | .132 | .067 | .019 | .128 | .066 | .019 | .122 | .063 | .019 | .116 | .061 | .018 | .110 | .059 | .018 | | |
| 6.0 | .126 | .063 | .018 | .123 | .062 | .018 | .117 | .060 | .017 | .112 | .058 | .017 | .107 | .056 | .017 | | |
| 7.0 | .120 | .059 | .017 | .118 | .059 | .017 | .113 | .057 | .016 | .108 | .055 | .016 | .103 | .054 | .016 | | |
| 8.0 | .115 | .056 | .016 | .113 | .056 | .016 | .108 | .054 | .015 | .104 | .053 | .015 | .100 | .051 | .015 | | |
| 9.0 | .111 | .054 | .015 | .109 | .053 | .015 | .105 | .052 | .015 | .101 | .050 | .014 | .097 | .049 | .014 | | |
| 10.0 | .106 | .051 | .014 | .104 | .050 | .014 | .101 | .049 | .014 | .097 | .048 | .014 | .094 | .047 | .014 | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 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 | .083 | .068 | .056 | .048 | .040 | .033 | .015 | .013 | .011 | |
| 4.0 | .129 | .099 | .075 | .111 | .085 | .065 | .076 | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 | |
| 5.0 | .120 | .087 | .062 | .103 | .075 | .054 | .071 | .052 | .038 | .041 | .031 | .023 | .013 | .010 | .007 | |
| 6.0 | .112 | .077 | .052 | .097 | .067 | .045 | .067 | .047 | .032 | .039 | .028 | .019 | .012 | .009 | .006 | |
| 7.0 | .106 | .069 | .044 | .091 | .060 | .038 | .063 | .042 | .027 | .037 | .025 | .016 | .012 | .008 | .005 | |
| 8.0 | .100 | .063 | .038 | .086 | .055 | .033 | .060 | .038 | .023 | .035 | .023 | .014 | .011 | .007 | .005 | |
| 9.0 | .095 | .058 | .033 | .082 | .050 | .029 | .057 | .035 | .020 | .033 | .021 | .012 | .011 | .007 | .004 | |
| 10.0 | .090 | .053 | .029 | .078 | .046 | .025 | .054 | .033 | .018 | .031 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|-----|-----|-----|--------------------------------------|----------------|------|------|------|------|
| Test:U:48.00V I:0.1690A P:8.112W PF:1.000 Freq:0Hz Lamp Flux:419.767x1 lm | | | | | | | | | | |
| NAME: ML26-RS40-8W-930-45 | | | | | TYPE:Low Voltage Track System Module | | | | | |
| SPEC.:3000K | | | | | DIM.: ϕ 40mm*H70mm | | | | | |
| MFR.: NEKO LIGHTING AG | | | | | | | | | | |
| 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 | 3.9 | 4.7 | 4.1 | 4.9 | 5.0 | 13.0 | 13.8 | 13.2 | 14.0 | 14.1 |
| 3H | 3.7 | 4.5 | 4.0 | 4.7 | 4.9 | 12.8 | 13.6 | 13.1 | 13.8 | 14.0 |
| 4H | 3.6 | 4.4 | 3.9 | 4.6 | 4.8 | 12.7 | 13.5 | 13.0 | 13.7 | 13.9 |
| 6H | 3.5 | 4.2 | 3.8 | 4.5 | 4.7 | 12.6 | 13.3 | 12.9 | 13.6 | 13.8 |
| 8H | 3.5 | 4.2 | 3.8 | 4.4 | 4.7 | 12.6 | 13.3 | 12.9 | 13.5 | 13.8 |
| 12H | 3.5 | 4.1 | 3.8 | 4.4 | 4.6 | 12.6 | 13.2 | 12.9 | 13.5 | 13.7 |
| 4H 2H | 3.6 | 4.4 | 3.9 | 4.6 | 4.8 | 12.7 | 13.5 | 13.0 | 13.7 | 13.9 |
| 3H | 3.5 | 4.1 | 3.8 | 4.4 | 4.7 | 12.6 | 13.2 | 12.9 | 13.5 | 13.7 |
| 4H | 3.4 | 4.0 | 3.7 | 4.3 | 4.6 | 12.5 | 13.0 | 12.8 | 13.3 | 13.6 |
| 6H | 3.3 | 3.8 | 3.7 | 4.1 | 4.5 | 12.4 | 12.9 | 12.7 | 13.2 | 13.5 |
| 8H | 3.3 | 3.7 | 3.6 | 4.1 | 4.4 | 12.3 | 12.8 | 12.7 | 13.1 | 13.5 |
| 12H | 3.2 | 3.6 | 3.6 | 4.0 | 4.4 | 12.3 | 12.7 | 12.7 | 13.1 | 13.4 |
| 8H 4H | 3.2 | 3.7 | 3.6 | 4.1 | 4.4 | 12.3 | 12.8 | 12.7 | 13.1 | 13.5 |
| 6H | 3.1 | 3.5 | 3.6 | 3.9 | 4.3 | 12.2 | 12.6 | 12.6 | 13.0 | 13.4 |
| 8H | 3.1 | 3.4 | 3.5 | 3.9 | 4.3 | 12.1 | 12.5 | 12.6 | 12.9 | 13.3 |
| 12H | 3.1 | 3.3 | 3.5 | 3.8 | 4.3 | 12.1 | 12.4 | 12.6 | 12.8 | 13.3 |
| 12H 4H | 3.2 | 3.6 | 3.6 | 4.0 | 4.4 | 12.3 | 12.7 | 12.7 | 13.1 | 13.4 |
| 6H | 3.1 | 3.4 | 3.5 | 3.9 | 4.3 | 12.1 | 12.5 | 12.6 | 12.9 | 13.3 |
| 8H | 3.0 | 3.3 | 3.5 | 3.8 | 4.2 | 12.1 | 12.4 | 12.6 | 12.8 | 13.3 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 3.3 / - 8.8 | | | | | + 6.3 / -12.0 | | | | |
| 1.5H | + 5.0 / - 8.0 | | | | | + 8.7 / -11.8 | | | | |
| 2.0H | + 6.1 / - 7.2 | | | | | + 7.1 / - 9.2 | | | | |

CIE Pub.117, 419.8 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -3.0$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------------------------|--|
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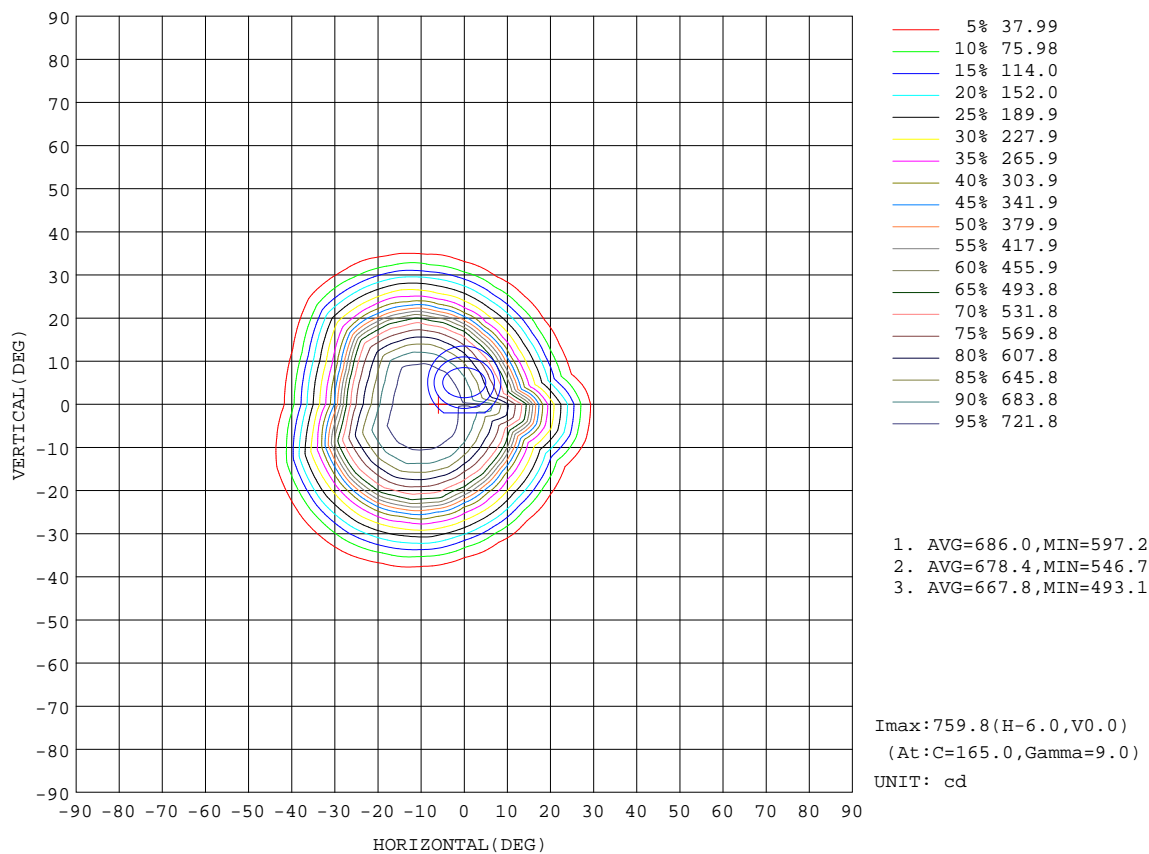
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 90 | 84 | 81 | 90 | 84 | 81 | 89 | 84 | 80 | 77 |
| 0.80 | 97 | 92 | 88 | 96 | 91 | 88 | 95 | 91 | 88 | 84 |
| 1.00 | 101 | 96 | 93 | 100 | 96 | 92 | 99 | 95 | 92 | 88 |
| 1.25 | 105 | 100 | 97 | 104 | 99 | 96 | 102 | 98 | 96 | 92 |
| 1.50 | 107 | 103 | 100 | 106 | 102 | 99 | 104 | 101 | 98 | 94 |
| 2.00 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 103 | 100 | 95 |
| 2.50 | 111 | 108 | 105 | 109 | 106 | 104 | 106 | 104 | 102 | 96 |
| 3.00 | 112 | 109 | 107 | 111 | 108 | 106 | 107 | 105 | 104 | 97 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 108 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 113 | 112 | 113 | 112 | 110 | 110 | 108 | 107 | 100 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

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 C Interval: 15.0DEG
 Test Speed: HIGH
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
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ISOCANDELA DIAGRAM

| | | |
|---|--------------------------------------|--|
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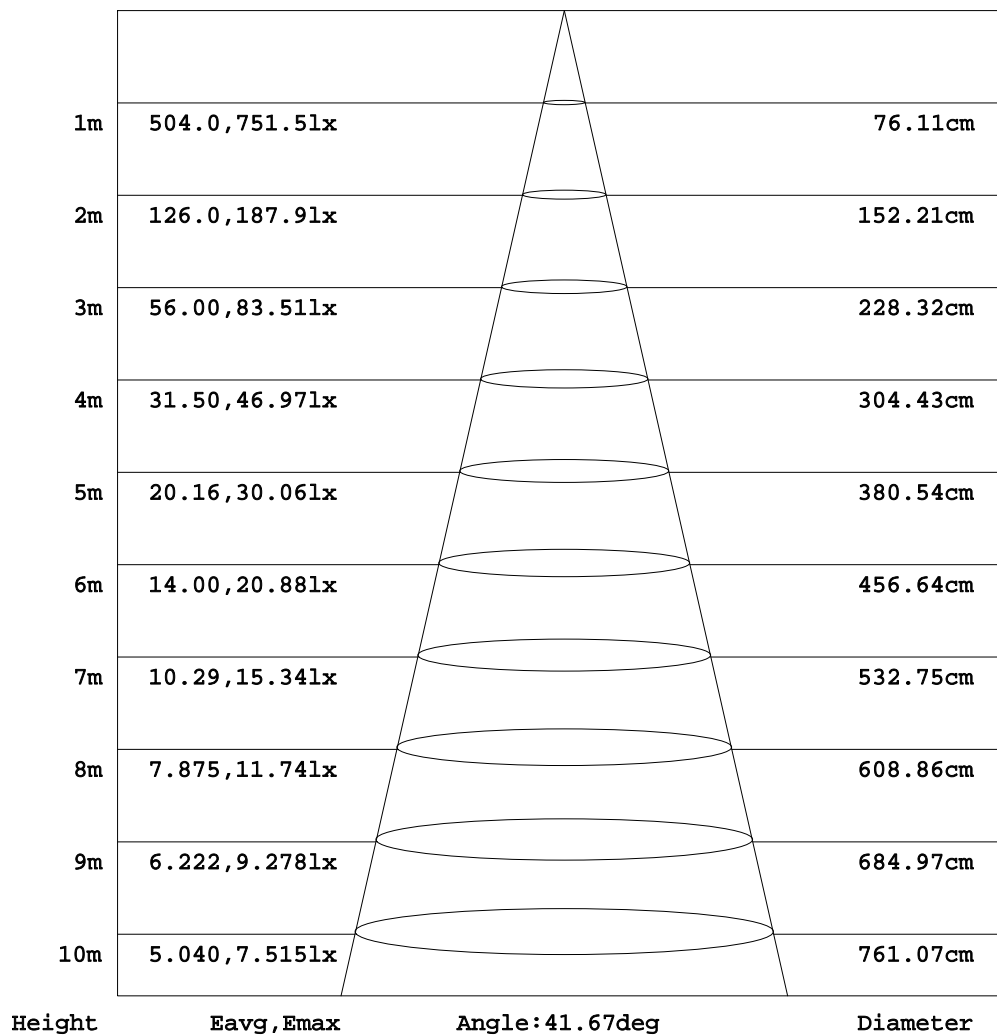
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Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.1690A P:8.112W PF:1.000 Freq:0Hz Lamp Flux:419.767x1 lm | | |
| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

Flux out:233.3 lm



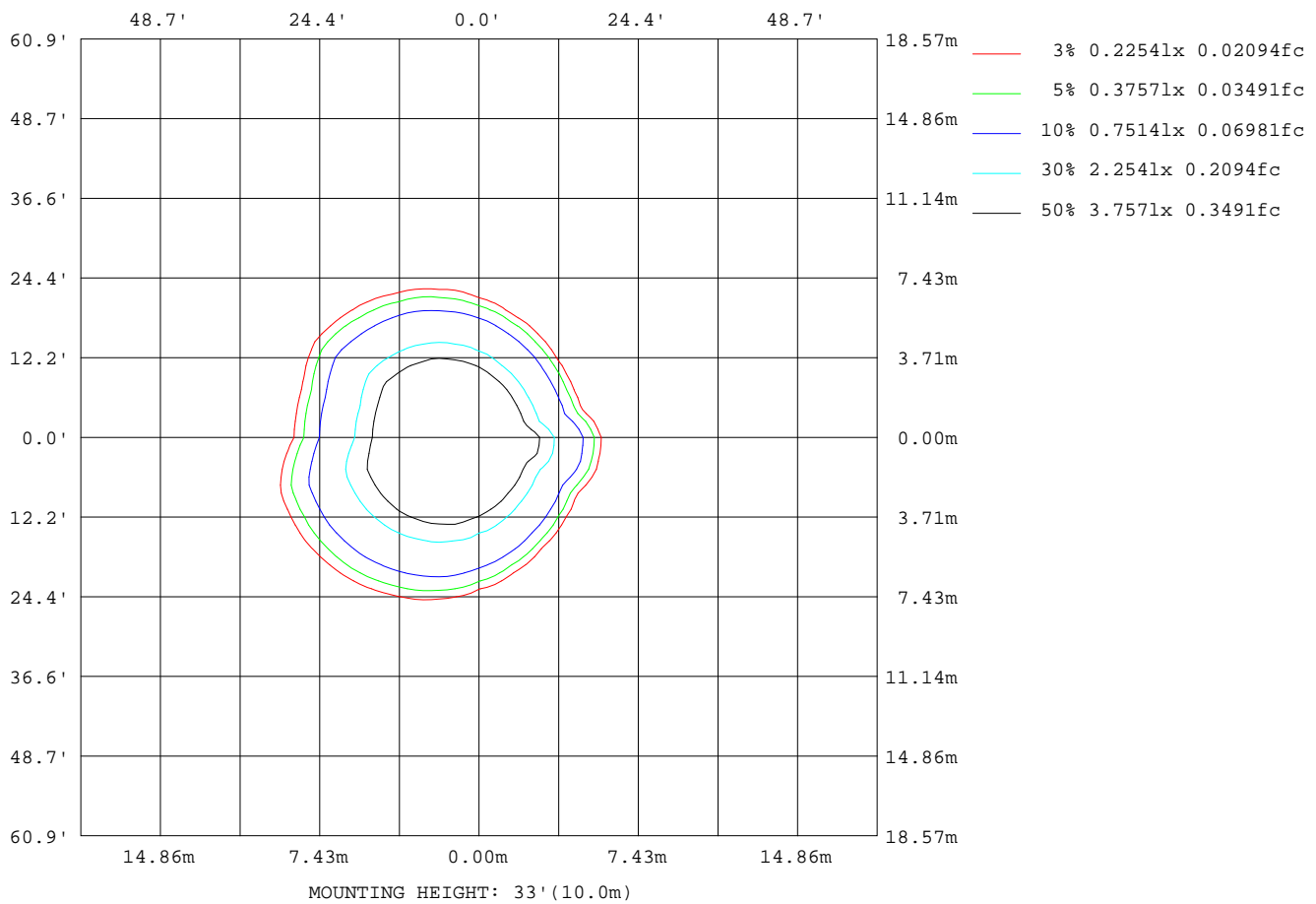
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.1690A P:8.112W PF:1.000 Freq:0Hz Lamp Flux:419.767x1 lm | | |
| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: ϕ 40mm*H70mm | |
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C Range: 0 - 360DEG
C Interval: 15.0DEG
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.1690A P:8.112W PF:1.000 Freq:0Hz Lamp Flux:419.767x1 lm | | |
| NAME: ML26-RS40-8W-930-45 | TYPE:Low Voltage Track System Module | |
| SPEC.:3000K | DIM.: ϕ 40mm*H70mm | |
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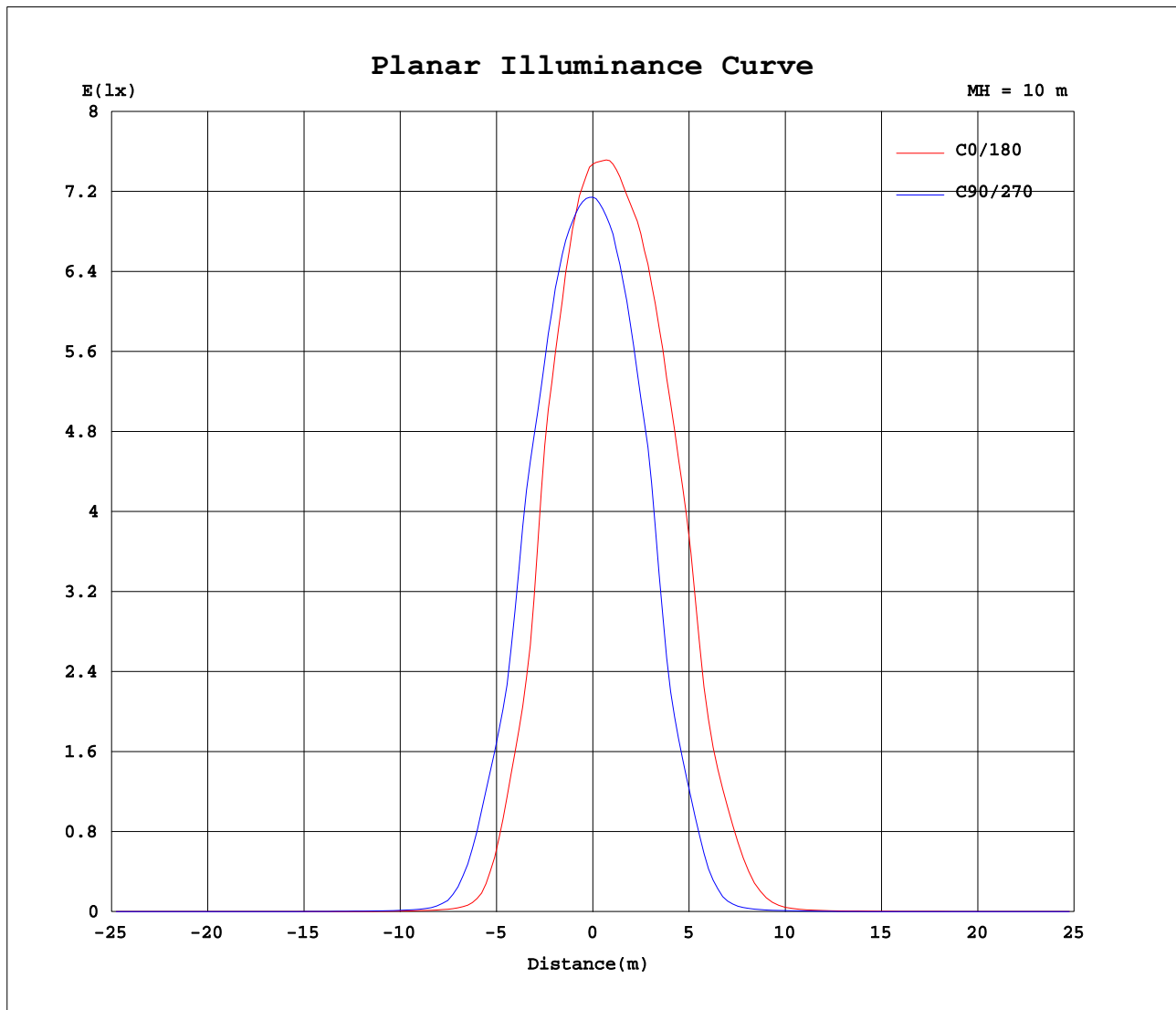
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 762 |
| L_0~180 (75) av | 317 |
| L_0~180 (85) av | 221 |
| L_90~270 (65) av | 405 |
| L_90~270 (75) av | 163 |
| L_90~270 (85) av | 141 |
| L_45 (65) av | 780 |
| L_45 (75) av | 332 |
| L_45 (85) av | 251 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason Long
Test Date:2019-12-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
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γ Range: 0 - 90DEG
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Remarks:

```

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Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

```