

Low Voltage Track System Module ML26-RS40-12W-940-30



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 11.87 W | |
| SHR Nominal: | 0.00 | Calculated using the TM5 |
| SHR Maximum: | 1.00 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-05-15

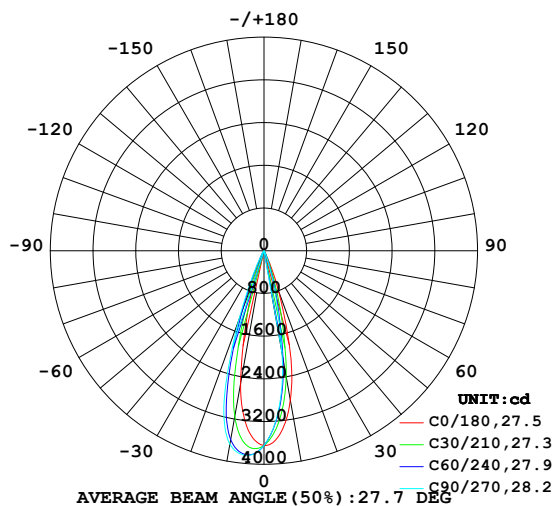
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

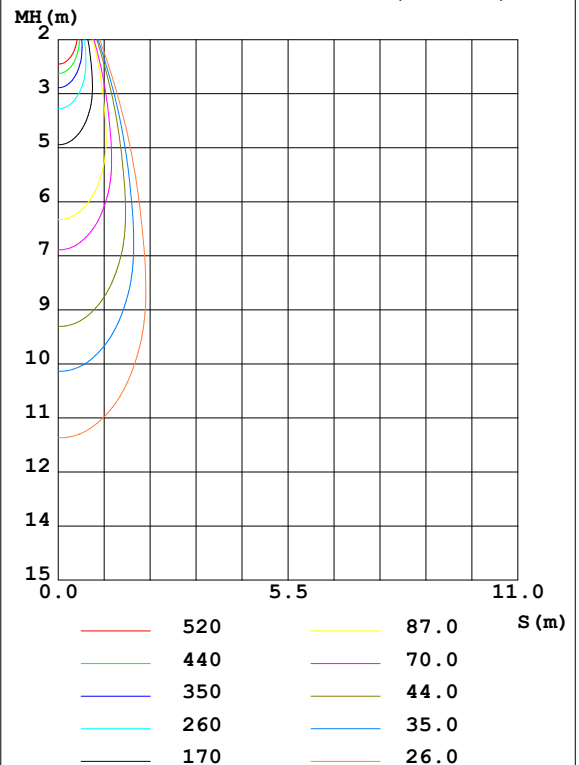
| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H105mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 73.27 lm/W | | | |
|-------------------|---------------|----------------------------------|--------|--------------------------|-----------|
| MODEL | CITIZEN-4000K | I _{max} (cd) | 3851 | S/MH (C0/180) | 0.40 |
| NOMINAL POWER (W) | 12 | LOR (%) | 100.0 | S/MH (C90/270) | 0.54 |
| RATED VOLTAGE (V) | 48 | TOTAL FLUX (lm) | 869.42 | η UP, DN (C0-180) | 0.0, 40.2 |
| NOMINAL FLUX (lm) | 869.416 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 59.8 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE (V) | 48 | η down (%) | 100.0 | CIBSE SHR MAX | 1.00 |

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
 Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:58%
 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 | 2843 | 2228 | 1961 | 2701 | 2528 | 3378 | 3678 | 2893 | 0- 10 | 307.7 | 307.7 | 35.4, 35.4 |
| 20 | 787.4 | 373.0 | 263.7 | 486.3 | 377.6 | 893.4 | 1377 | 623.1 | 10- 20 | 437.3 | 745.0 | 85.7, 85.7 |
| 30 | 64.18 | 41.59 | 38.40 | 59.20 | 49.32 | 82.13 | 109.9 | 55.33 | 20- 30 | 103.3 | 848.3 | 97.6, 97.6 |
| 40 | 15.07 | 6.379 | 4.168 | 9.369 | 5.072 | 11.72 | 15.73 | 10.45 | 30- 40 | 17.64 | 866.0 | 99.6, 99.6 |
| 50 | 1.674 | 1.008 | 0.8723 | 1.115 | 0.9025 | 1.202 | 1.590 | 1.284 | 40- 50 | 2.639 | 868.6 | 99.9, 99.9 |
| 60 | 0.4746 | 0.2196 | 0.1978 | 0.2620 | 0.1805 | 0.3111 | 0.4226 | 0.3336 | 50- 60 | 0.5871 | 869.2 | 100, 100 |
| 70 | 0.1077 | 0.0409 | 0.0680 | 0.0624 | 0.0389 | 0.0771 | 0.0810 | 0.0834 | 60- 70 | 0.1475 | 869.3 | 100, 100 |
| 80 | 0.0481 | 0.0340 | 0.0373 | 0.0354 | 0.0275 | 0.0341 | 0.0263 | 0.0354 | 70- 80 | 0.0490 | 869.4 | 100, 100 |
| 90 | 0.0343 | 0.0340 | 0.0373 | 0.0333 | 0.0275 | 0.0227 | 0.0219 | 0.0208 | 80- 90 | 0.0322 | 869.4 | 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): 867.91 lm

%lum = 99.8%

%lamp = 99.8%

Conical surface Flux(120deg): 869.19 lm

%lum = 100.0%

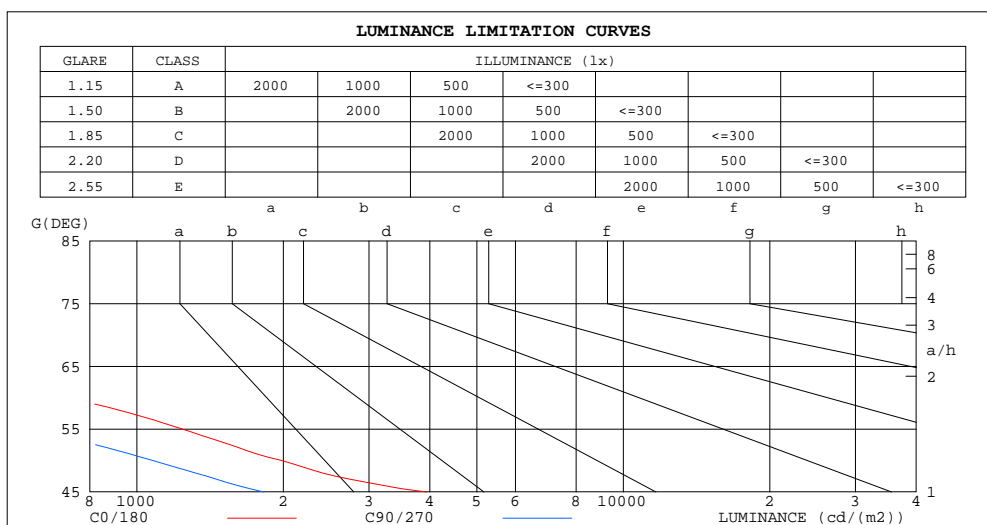
%lamp = 100.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|---|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: $\phi 40\text{mm} \times H105\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 320 | 320 |
| 80 | 211 | 171 |
| 75 | 202 | 141 |
| 70 | 239 | 158 |
| 65 | 388 | 198 |
| 60 | 722 | 314 |
| 55 | 1240 | 599 |
| 50 | 1980 | 1077 |
| 45 | 3937 | 1822 |

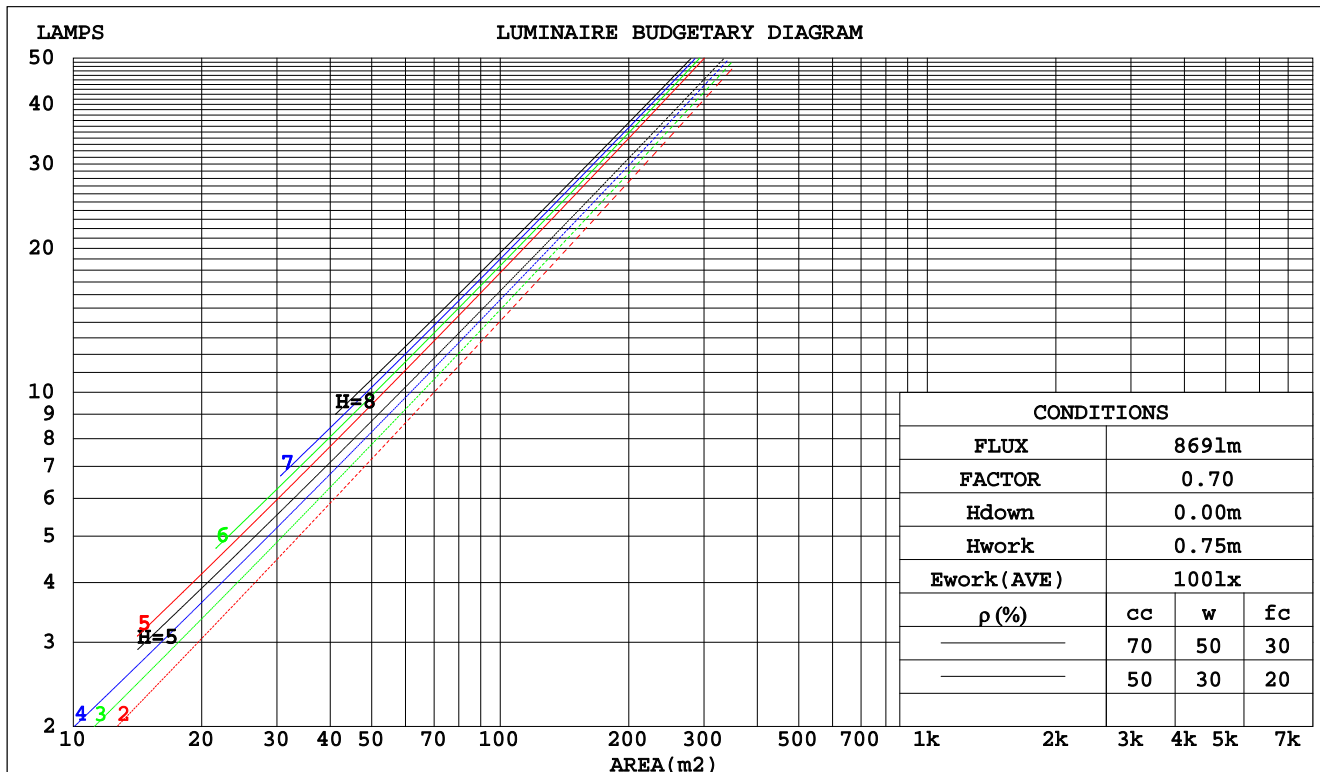
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C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--|--|
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| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: $\phi 40\text{mm} \times \text{H}105\text{mm}$ | |
| 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 | 1.13 | 1.11 | 1.10 | 1.11 | 1.09 | 1.08 | 1.07 | 1.06 | 1.05 | 1.03 | 1.02 | 1.01 | 1.00 | .99 | .99 | .97 |
| 2.0 | 1.08 | 1.05 | 1.03 | 1.06 | 1.04 | 1.02 | 1.03 | 1.01 | .99 | 1.00 | .99 | .97 | .98 | .97 | .95 | .94 |
| 3.0 | 1.04 | 1.00 | .98 | 1.02 | .99 | .97 | .99 | .97 | .95 | .98 | .96 | .94 | .96 | .94 | .92 | .91 |
| 4.0 | .99 | .96 | .93 | .99 | .95 | .93 | .97 | .94 | .92 | .95 | .93 | .91 | .93 | .91 | .90 | .89 |
| 5.0 | .96 | .93 | .90 | .96 | .92 | .89 | .94 | .91 | .89 | .93 | .90 | .88 | .91 | .89 | .87 | .86 |
| 6.0 | .93 | .89 | .87 | .93 | .89 | .86 | .91 | .88 | .86 | .90 | .87 | .85 | .89 | .87 | .85 | .84 |
| 7.0 | .91 | .87 | .84 | .90 | .86 | .84 | .89 | .86 | .83 | .88 | .85 | .83 | .87 | .84 | .82 | .81 |
| 8.0 | .88 | .84 | .81 | .87 | .84 | .81 | .87 | .83 | .81 | .86 | .83 | .81 | .85 | .82 | .80 | .79 |
| 9.0 | .86 | .82 | .79 | .85 | .81 | .79 | .84 | .81 | .79 | .84 | .81 | .78 | .83 | .80 | .78 | .77 |
| 10.0 | .83 | .79 | .77 | .83 | .79 | .77 | .82 | .79 | .77 | .82 | .79 | .76 | .81 | .78 | .76 | .75 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H105mm | |
| 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 | .133 | .075 | .024 | .126 | .072 | .023 | .114 | .065 | .021 | .102 | .059 | .019 | .092 | .053 | .017 | | |
| 2.0 | .122 | .067 | .021 | .117 | .064 | .020 | .107 | .059 | .018 | .097 | .055 | .017 | .089 | .050 | .016 | | |
| 3.0 | .114 | .061 | .018 | .109 | .059 | .018 | .101 | .055 | .017 | .093 | .051 | .016 | .086 | .047 | .015 | | |
| 4.0 | .106 | .055 | .016 | .103 | .054 | .016 | .096 | .051 | .015 | .089 | .048 | .014 | .083 | .045 | .014 | | |
| 5.0 | .100 | .051 | .015 | .097 | .050 | .015 | .091 | .047 | .014 | .085 | .045 | .013 | .080 | .043 | .013 | | |
| 6.0 | .095 | .048 | .014 | .092 | .046 | .013 | .087 | .044 | .013 | .082 | .043 | .013 | .077 | .041 | .012 | | |
| 7.0 | .090 | .045 | .013 | .088 | .044 | .012 | .083 | .042 | .012 | .079 | .040 | .012 | .075 | .039 | .011 | | |
| 8.0 | .086 | .042 | .012 | .084 | .041 | .012 | .080 | .040 | .011 | .076 | .039 | .011 | .073 | .037 | .011 | | |
| 9.0 | .082 | .040 | .011 | .080 | .039 | .011 | .077 | .038 | .011 | .073 | .037 | .011 | .070 | .036 | .010 | | |
| 10.0 | .079 | .038 | .010 | .077 | .037 | .010 | .074 | .036 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | | |

| 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 | .168 | .158 | .148 | .144 | .135 | .128 | .098 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .017 | |
| 2.0 | .150 | .133 | .119 | .128 | .114 | .102 | .088 | .079 | .071 | .051 | .046 | .042 | .016 | .015 | .014 | |
| 3.0 | .134 | .113 | .096 | .115 | .098 | .084 | .079 | .068 | .059 | .046 | .040 | .035 | .015 | .013 | .011 | |
| 4.0 | .122 | .098 | .080 | .104 | .085 | .069 | .072 | .059 | .049 | .042 | .034 | .029 | .013 | .011 | .009 | |
| 5.0 | .111 | .085 | .067 | .095 | .074 | .058 | .066 | .052 | .041 | .038 | .030 | .024 | .012 | .010 | .008 | |
| 6.0 | .102 | .075 | .056 | .088 | .065 | .049 | .060 | .046 | .035 | .035 | .027 | .021 | .011 | .009 | .007 | |
| 7.0 | .094 | .067 | .048 | .081 | .058 | .042 | .056 | .041 | .030 | .033 | .024 | .018 | .011 | .008 | .006 | |
| 8.0 | .088 | .060 | .041 | .076 | .052 | .036 | .052 | .037 | .026 | .030 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .082 | .055 | .036 | .071 | .047 | .031 | .049 | .033 | .022 | .029 | .020 | .013 | .009 | .006 | .004 | |
| 10.0 | .077 | .050 | .032 | .067 | .043 | .028 | .046 | .030 | .020 | .027 | .018 | .012 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|-----|-----|-----|--------------------------------------|----------------|-----|-----|-----|-----|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | | | | | | | | | |
| NAME: ML26-RS40-12W-940-30 | | | | | TYPE:Low Voltage Track System Module | | | | | |
| SPEC.:4000K | | | | | DIM.: ϕ 40mm*H105mm | | | | | |
| 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 | 6.8 | 7.4 | 7.0 | 7.5 | 7.7 | 3.6 | 4.2 | 3.8 | 4.4 | 4.5 |
| 3H | 6.6 | 7.2 | 6.9 | 7.4 | 7.6 | 3.5 | 4.1 | 3.7 | 4.2 | 4.4 |
| 4H | 6.6 | 7.1 | 6.8 | 7.3 | 7.5 | 3.4 | 4.0 | 3.7 | 4.2 | 4.4 |
| 6H | 6.5 | 7.0 | 6.8 | 7.2 | 7.5 | 3.3 | 3.8 | 3.6 | 4.1 | 4.3 |
| 8H | 6.4 | 6.9 | 6.7 | 7.2 | 7.4 | 3.3 | 3.8 | 3.6 | 4.0 | 4.3 |
| 12H | 6.4 | 6.9 | 6.7 | 7.1 | 7.4 | 3.2 | 3.7 | 3.5 | 4.0 | 4.2 |
| 4H 2H | 6.6 | 7.1 | 6.8 | 7.3 | 7.5 | 3.4 | 4.0 | 3.7 | 4.2 | 4.4 |
| 3H | 6.4 | 6.9 | 6.7 | 7.1 | 7.4 | 3.2 | 3.7 | 3.5 | 4.0 | 4.2 |
| 4H | 6.3 | 6.7 | 6.6 | 7.0 | 7.3 | 3.1 | 3.6 | 3.5 | 3.9 | 4.2 |
| 6H | 6.2 | 6.6 | 6.6 | 6.9 | 7.3 | 3.0 | 3.4 | 3.4 | 3.8 | 4.1 |
| 8H | 6.1 | 6.5 | 6.5 | 6.9 | 7.2 | 3.0 | 3.4 | 3.4 | 3.7 | 4.1 |
| 12H | 6.1 | 6.4 | 6.5 | 6.8 | 7.2 | 3.0 | 3.3 | 3.4 | 3.7 | 4.0 |
| 8H 4H | 6.1 | 6.5 | 6.5 | 6.9 | 7.2 | 3.0 | 3.4 | 3.4 | 3.7 | 4.1 |
| 6H | 6.0 | 6.3 | 6.4 | 6.7 | 7.1 | 2.9 | 3.2 | 3.3 | 3.6 | 4.0 |
| 8H | 6.0 | 6.2 | 6.4 | 6.7 | 7.1 | 2.8 | 3.1 | 3.3 | 3.5 | 4.0 |
| 12H | 5.9 | 6.1 | 6.4 | 6.6 | 7.0 | 2.8 | 3.0 | 3.2 | 3.5 | 3.9 |
| 12H 4H | 6.1 | 6.4 | 6.5 | 6.8 | 7.2 | 2.9 | 3.3 | 3.3 | 3.6 | 4.0 |
| 6H | 6.0 | 6.2 | 6.4 | 6.6 | 7.1 | 2.8 | 3.1 | 3.3 | 3.5 | 3.9 |
| 8H | 5.9 | 6.1 | 6.4 | 6.6 | 7.0 | 2.8 | 3.0 | 3.2 | 3.4 | 3.9 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 4.7 / -12.7 | | | | | + 4.3 / -11.1 | | | | |
| 1.5H | + 7.2 / -11.2 | | | | | + 6.7 / - 8.6 | | | | |
| 2.0H | + 6.8 / - 7.3 | | | | | + 4.8 / - 5.4 | | | | |

CIE Pub.117, 869.4 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.5$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
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 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------------------------|--|
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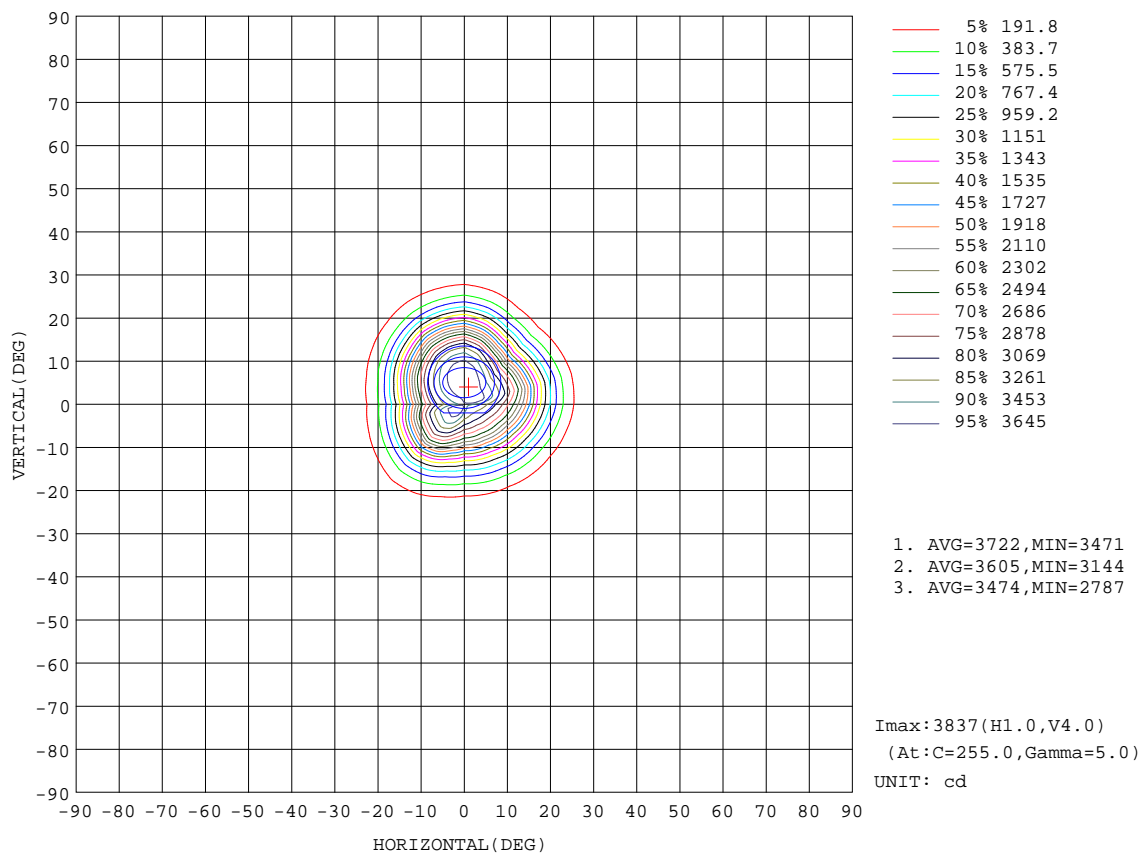
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 91 | 86 | 82 | 91 | 86 | 82 | 90 | 85 | 82 | 79 |
| 0.80 | 98 | 93 | 90 | 98 | 93 | 90 | 96 | 92 | 89 | 86 |
| 1.00 | 102 | 97 | 94 | 101 | 97 | 94 | 100 | 96 | 93 | 89 |
| 1.25 | 105 | 101 | 98 | 104 | 100 | 97 | 103 | 99 | 97 | 93 |
| 1.50 | 108 | 104 | 101 | 107 | 103 | 100 | 105 | 101 | 99 | 95 |
| 2.00 | 110 | 106 | 103 | 109 | 105 | 103 | 106 | 103 | 101 | 96 |
| 2.50 | 111 | 108 | 105 | 110 | 107 | 104 | 107 | 104 | 103 | 97 |
| 3.00 | 113 | 110 | 107 | 111 | 108 | 106 | 108 | 106 | 104 | 98 |
| 4.00 | 115 | 112 | 110 | 113 | 111 | 109 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 114 | 112 | 114 | 112 | 111 | 110 | 109 | 108 | 100 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

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 Operators:Jason
 Test Date:2020-05-15

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 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:58%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
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| SPEC.:4000K | DIM.: ϕ 40mm*H105mm | |
| MFR.: NEKO LIGHTING AG | | |

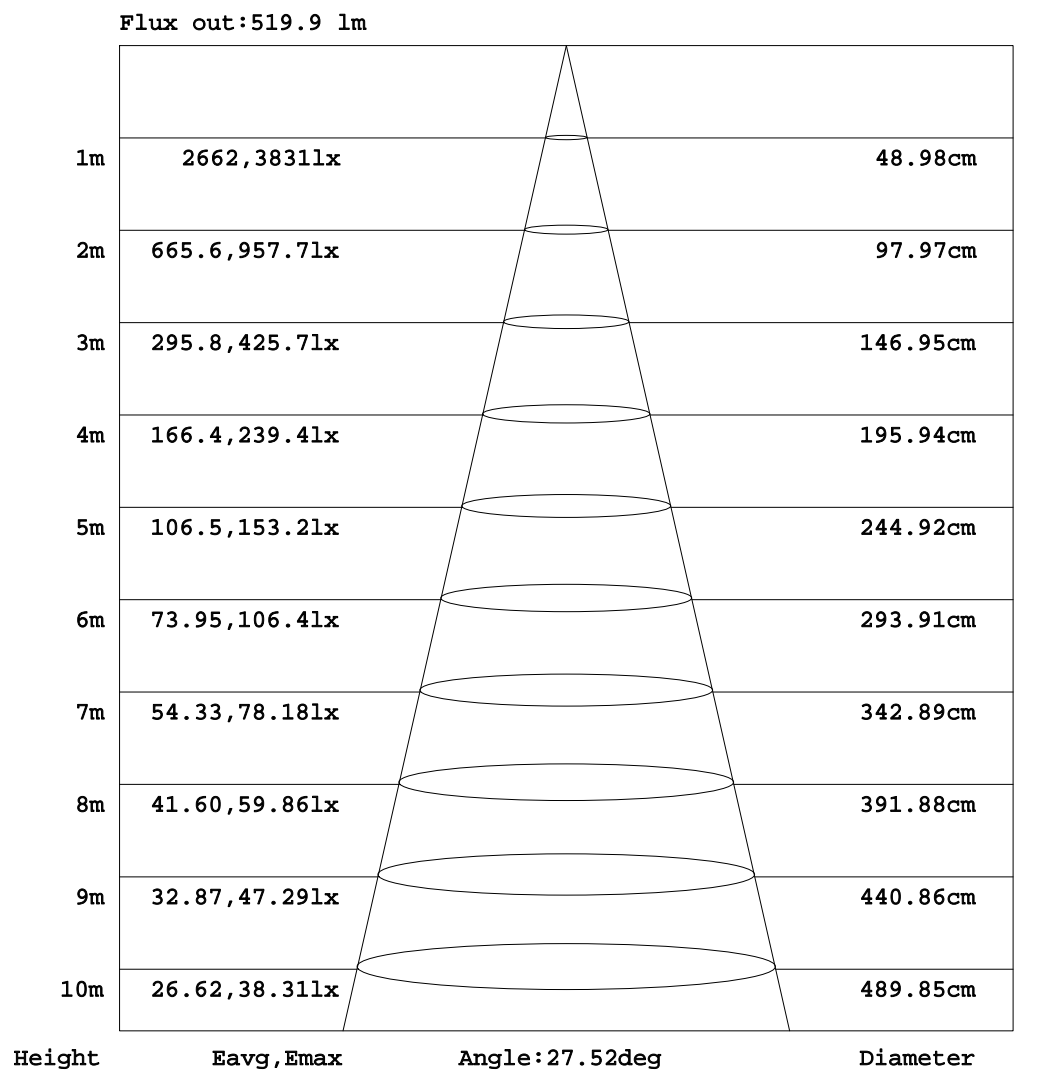


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|---|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: $\phi 40\text{mm} \times H105\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |



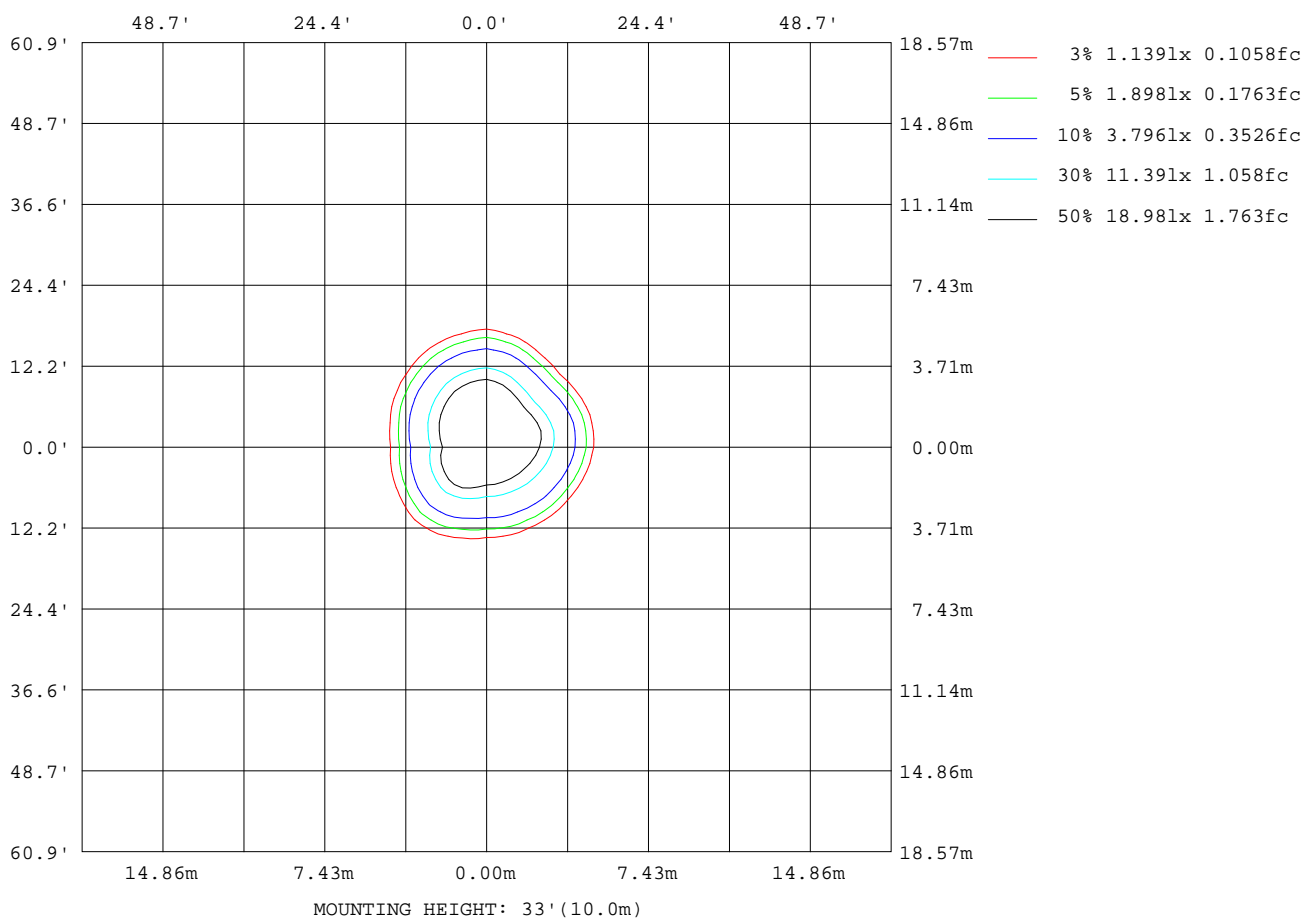
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-15

γ Range: 0 - 90DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H105mm | |
| MFR.: NEKO LIGHTING AG | | |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.2472A P:11.87W PF:1.000 Freq:0Hz Lamp Flux:869.416x1 lm | | |
| NAME: ML26-RS40-12W-940-30 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H105mm | |
| MFR.: NEKO LIGHTING AG | | |

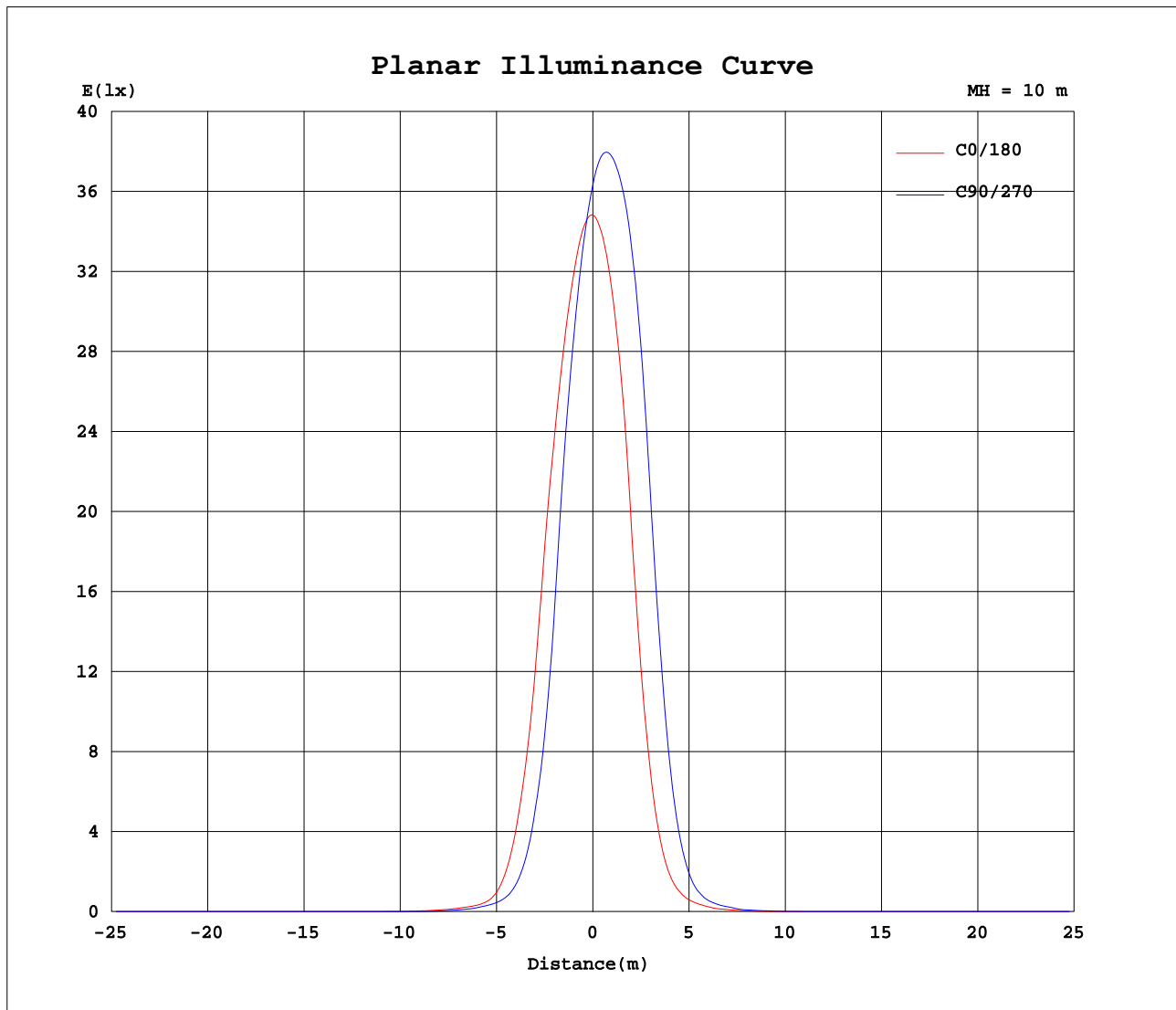
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 278 |
| L_0~180 (75) av | 155 |
| L_0~180 (85) av | 283 |
| L_90~270 (65) av | 271 |
| L_90~270 (75) av | 128 |
| L_90~270 (85) av | 261 |
| L_45 (65) av | 243 |
| L_45 (75) av | 130 |
| L_45 (85) av | 258 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
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
Operators: Jason
Test Date: 2020-05-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 5.850m [K=1.0000]
Remarks:

```

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```

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Remarks:

```