

Low Voltage Track System Module ML26-RS40-8W-940-18



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 7.987 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: 2020-05-18

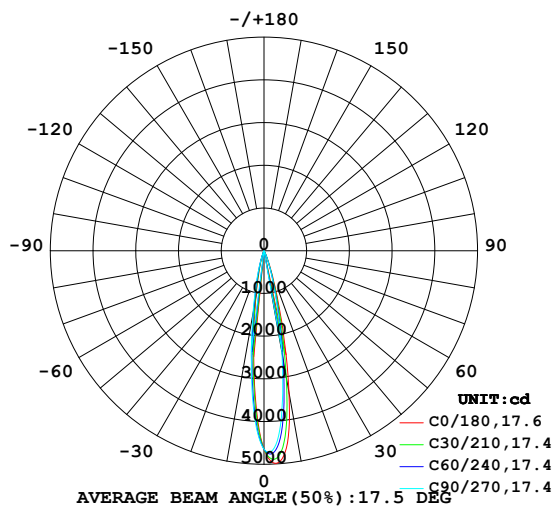
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

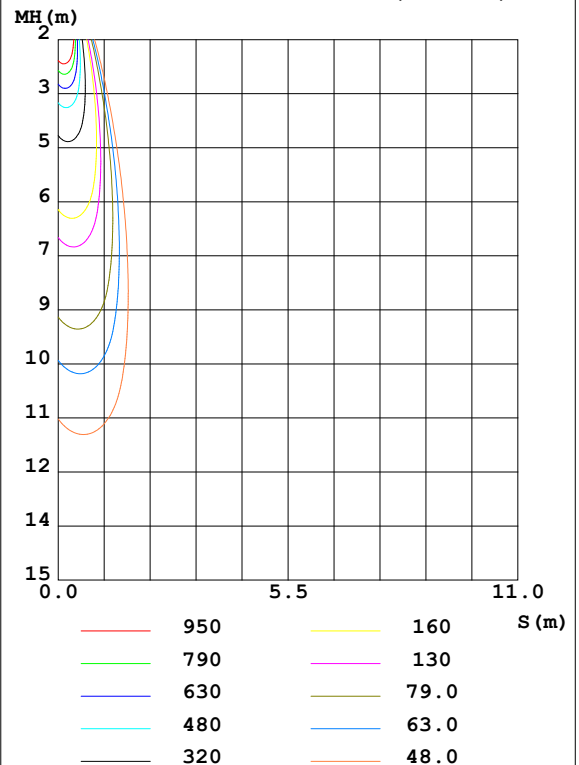
| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.1664A P:7.987W PF:1.000 Freq:0Hz Lamp Flux:619.707x1 lm | | |
| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 77.59 lm/W | | | |
|-------------------|---------------|----------------------------------|--------|-------------------------|----------|
| MODEL | CITIZEN-4000K | I _{max} (cd) | 5493 | S/MH (C0/180) | 0.21 |
| NOMINAL POWER (W) | 8 | LOR (%) | 100.0 | S/MH (C90/270) | 0.26 |
| RATED VOLTAGE (V) | 48 | TOTAL FLUX (lm) | 619.71 | η UP,DN (C0-180) | 0.0,66.6 |
| NOMINAL FLUX (lm) | 619.707 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.0,33.4 |
| 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:2020-05-18

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 | 3383 | 2833 | 2421 | 2878 | 1105 | 1265 | 1481 | 1441 | 0- 10 | 306.8 | 306.8 | 49.5,49.5 |
| 20 | 452.3 | 386.9 | 356.3 | 547.6 | 114.8 | 136.3 | 165.3 | 164.5 | 10- 20 | 254.0 | 560.8 | 90.5,90.5 |
| 30 | 41.19 | 35.29 | 28.79 | 55.58 | 11.70 | 14.45 | 16.96 | 22.42 | 20- 30 | 48.96 | 609.8 | 98.4,98.4 |
| 40 | 5.937 | 5.263 | 4.392 | 9.002 | 2.027 | 2.440 | 2.683 | 4.161 | 30- 40 | 7.774 | 617.6 | 99.7,99.7 |
| 50 | 1.060 | 0.9869 | 0.8363 | 1.627 | 0.4026 | 0.4736 | 0.5053 | 0.7382 | 40- 50 | 1.657 | 619.2 | 99.9,99.9 |
| 60 | 0.1970 | 0.1592 | 0.1654 | 0.3226 | 0.0580 | 0.0833 | 0.0703 | 0.1314 | 50- 60 | 0.3603 | 619.6 | 100,100 |
| 70 | 0.0462 | 0.0248 | 0.0464 | 0.0605 | 0.0205 | 0.0301 | 0.0204 | 0.0506 | 60- 70 | 0.0739 | 619.6 | 100,100 |
| 80 | 0.0273 | 0.0248 | 0.0278 | 0.0471 | 0.0205 | 0.0213 | 0.0204 | 0.0371 | 70- 80 | 0.0340 | 619.7 | 100,100 |
| 90 | 0.0256 | 0.0248 | 0.0278 | 0.0471 | 0.0205 | 0.0195 | 0.0204 | 0.0370 | 80- 90 | 0.0307 | 619.7 | 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): 618.68 lm

%lum = 99.8%

%lamp = 99.8%

Conical surface Flux(120deg): 619.57 lm

%lum = 100.0%

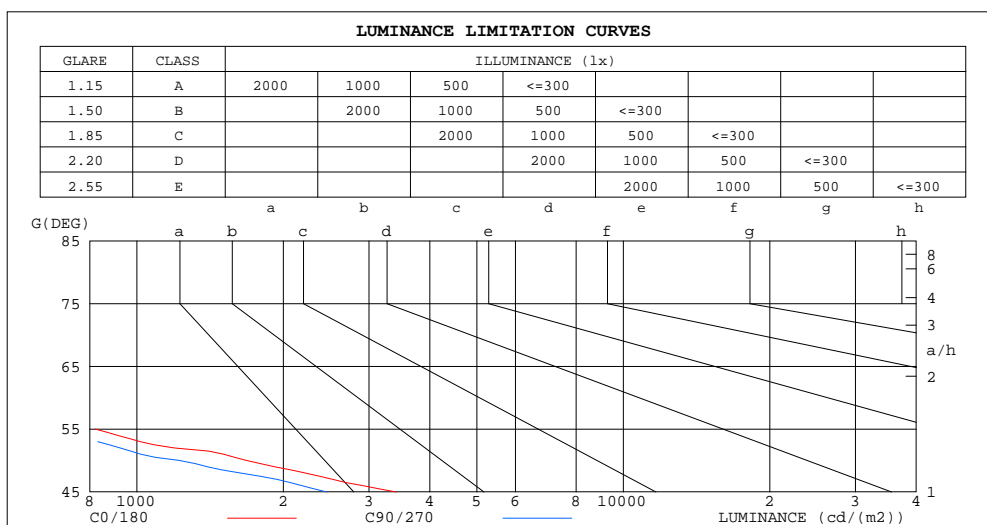
%lamp = 100.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-18

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:0.1664A P:7.987W PF:1.000 Freq:0Hz Lamp Flux:619.707x1 lm | | |
| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 300 | 300 |
| 80 | 160 | 150 |
| 75 | 121 | 128 |
| 70 | 137 | 127 |
| 65 | 194 | 173 |
| 60 | 401 | 310 |
| 55 | 821 | 651 |
| 50 | 1680 | 1221 |
| 45 | 3410 | 2454 |

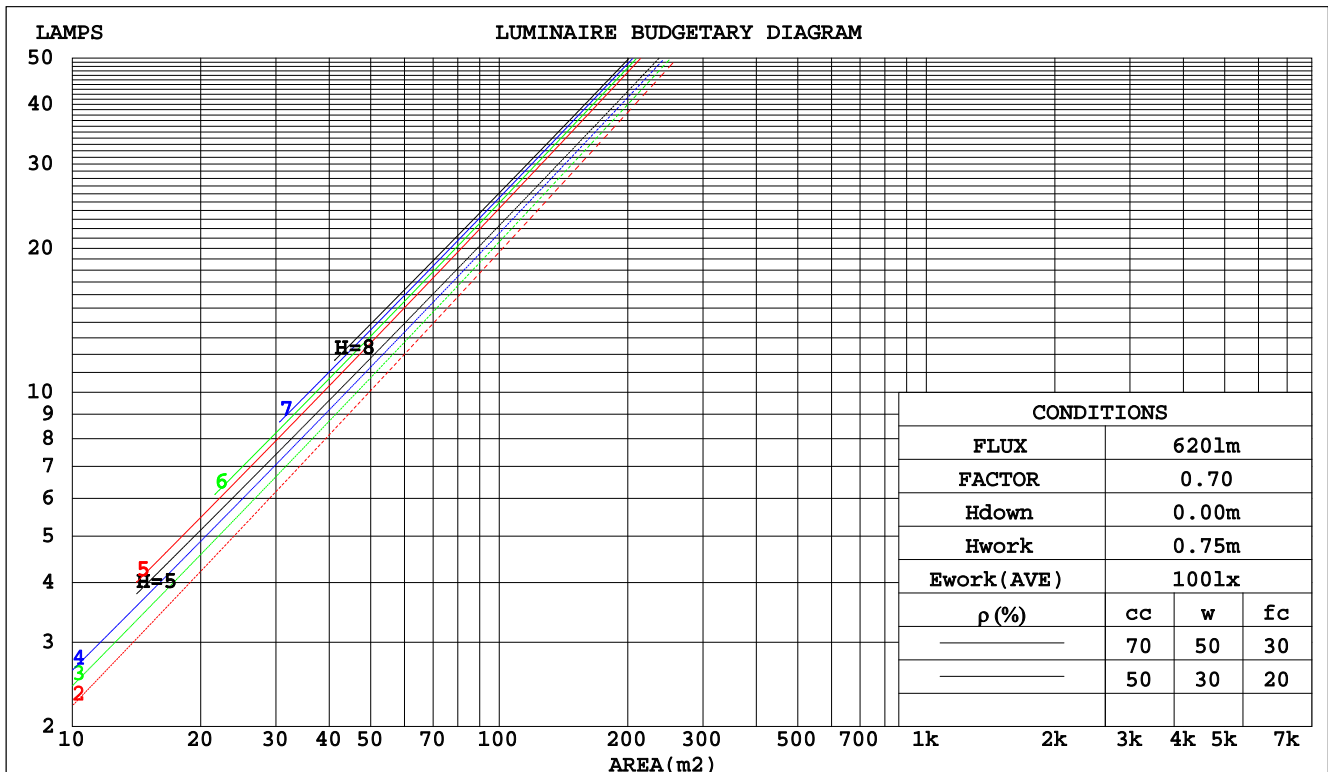
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Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
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γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--|--|
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| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: $\phi 40\text{mm} \times H70\text{mm}$ | |
| 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 | | | | | | 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 | 1.14 | 1.12 | 1.10 | 1.12 | 1.10 | 1.09 | 1.08 | 1.06 | 1.05 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 |
| 2.0 | 1.09 | 1.06 | 1.04 | 1.07 | 1.05 | 1.03 | 1.04 | 1.03 | 1.01 | 1.02 | 1.00 | .99 | .99 | .98 | .97 | .95 |
| 3.0 | 1.05 | 1.02 | .00 | 1.04 | 1.01 | .99 | 1.02 | .99 | .97 | .99 | .97 | .96 | .97 | .96 | .94 | .93 |
| 4.0 | 1.02 | .99 | .96 | 1.01 | .98 | .95 | .99 | .96 | .94 | .97 | .95 | .93 | .96 | .94 | .92 | .91 |
| 5.0 | .99 | .96 | .93 | .98 | .95 | .93 | .97 | .94 | .92 | .95 | .93 | .91 | .94 | .92 | .90 | .89 |
| 6.0 | .96 | .93 | .90 | .96 | .93 | .90 | .95 | .92 | .90 | .93 | .91 | .89 | .92 | .90 | .88 | .88 |
| 7.0 | .94 | .91 | .88 | .94 | .90 | .88 | .93 | .90 | .87 | .92 | .89 | .87 | .91 | .88 | .87 | .86 |
| 8.0 | .92 | .88 | .86 | .92 | .88 | .86 | .91 | .88 | .86 | .90 | .87 | .85 | .89 | .87 | .85 | .84 |
| 9.0 | .90 | .87 | .84 | .90 | .86 | .84 | .89 | .86 | .84 | .88 | .86 | .84 | .88 | .85 | .83 | .83 |
| 10.0 | .88 | .85 | .83 | .88 | .85 | .83 | .87 | .84 | .82 | .87 | .84 | .82 | .86 | .84 | .82 | .81 |



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C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-18

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

| | | |
|---|--------------------------------------|--|
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| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | 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 | .123 | .070 | .022 | .116 | .066 | .021 | .104 | .060 | .019 | .093 | .054 | .017 | .082 | .048 | .015 | | |
| 2.0 | .112 | .062 | .019 | .107 | .059 | .018 | .097 | .054 | .017 | .088 | .049 | .015 | .079 | .045 | .014 | | |
| 3.0 | .104 | .055 | .017 | .099 | .053 | .016 | .091 | .049 | .015 | .083 | .046 | .014 | .076 | .042 | .013 | | |
| 4.0 | .096 | .050 | .015 | .093 | .049 | .014 | .086 | .045 | .014 | .079 | .043 | .013 | .073 | .040 | .012 | | |
| 5.0 | .090 | .046 | .013 | .087 | .045 | .013 | .081 | .042 | .012 | .076 | .040 | .012 | .071 | .038 | .011 | | |
| 6.0 | .085 | .042 | .012 | .082 | .041 | .012 | .077 | .039 | .011 | .072 | .038 | .011 | .068 | .036 | .011 | | |
| 7.0 | .080 | .040 | .011 | .078 | .039 | .011 | .073 | .037 | .011 | .069 | .036 | .010 | .066 | .034 | .010 | | |
| 8.0 | .076 | .037 | .010 | .074 | .036 | .010 | .070 | .035 | .010 | .067 | .034 | .010 | .063 | .033 | .009 | | |
| 9.0 | .072 | .035 | .010 | .071 | .034 | .010 | .067 | .033 | .009 | .064 | .032 | .009 | .061 | .031 | .009 | | |
| 10.0 | .069 | .033 | .009 | .068 | .033 | .009 | .065 | .032 | .009 | .062 | .031 | .009 | .059 | .030 | .009 | | |

| 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 | .167 | .158 | .149 | .143 | .135 | .128 | .098 | .093 | .089 | .056 | .054 | .052 | .018 | .017 | .017 | |
| 2.0 | .148 | .133 | .120 | .127 | .114 | .103 | .087 | .079 | .072 | .050 | .046 | .042 | .016 | .015 | .014 | |
| 3.0 | .132 | .113 | .098 | .114 | .098 | .085 | .078 | .068 | .059 | .045 | .040 | .035 | .014 | .013 | .011 | |
| 4.0 | .119 | .098 | .081 | .102 | .084 | .070 | .070 | .059 | .050 | .041 | .034 | .029 | .013 | .011 | .010 | |
| 5.0 | .108 | .085 | .068 | .093 | .074 | .059 | .064 | .051 | .042 | .037 | .030 | .025 | .012 | .010 | .008 | |
| 6.0 | .099 | .075 | .058 | .085 | .065 | .050 | .058 | .045 | .036 | .034 | .027 | .021 | .011 | .009 | .007 | |
| 7.0 | .091 | .066 | .049 | .078 | .058 | .043 | .054 | .040 | .031 | .031 | .024 | .018 | .010 | .008 | .006 | |
| 8.0 | .084 | .059 | .043 | .072 | .052 | .037 | .050 | .036 | .026 | .029 | .021 | .016 | .009 | .007 | .005 | |
| 9.0 | .078 | .054 | .037 | .067 | .046 | .032 | .046 | .033 | .023 | .027 | .019 | .014 | .009 | .006 | .005 | |
| 10.0 | .073 | .049 | .033 | .063 | .042 | .029 | .043 | .030 | .020 | .025 | .018 | .012 | .008 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-18

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:0.1664A P:7.987W PF:1.000 Freq:0Hz Lamp Flux:619.707x1 lm | | | | | | | | | | |
| NAME: ML26-RS40-8W-940-18 | | | | | TYPE:Low Voltage Track System Module | | | | | |
| SPEC.:4000K | | | | | 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 | 7.6 | 8.2 | 7.8 | 8.3 | 8.5 | 5.4 | 5.9 | 5.6 | 6.1 | 6.2 |
| 3H | 7.5 | 8.0 | 7.7 | 8.2 | 8.4 | 5.2 | 5.8 | 5.5 | 5.9 | 6.1 |
| 4H | 7.4 | 7.9 | 7.7 | 8.1 | 8.3 | 5.2 | 5.7 | 5.4 | 5.9 | 6.1 |
| 6H | 7.4 | 7.8 | 7.6 | 8.1 | 8.3 | 5.1 | 5.6 | 5.4 | 5.8 | 6.0 |
| 8H | 7.3 | 7.8 | 7.6 | 8.0 | 8.3 | 5.0 | 5.5 | 5.3 | 5.7 | 6.0 |
| 12H | 7.3 | 7.7 | 7.6 | 8.0 | 8.2 | 5.0 | 5.5 | 5.3 | 5.7 | 6.0 |
| 4H 2H | 7.4 | 7.9 | 7.7 | 8.1 | 8.3 | 5.2 | 5.7 | 5.4 | 5.9 | 6.1 |
| 3H | 7.3 | 7.7 | 7.6 | 8.0 | 8.2 | 5.0 | 5.4 | 5.3 | 5.7 | 6.0 |
| 4H | 7.2 | 7.6 | 7.5 | 7.9 | 8.2 | 4.9 | 5.3 | 5.2 | 5.6 | 5.9 |
| 6H | 7.1 | 7.4 | 7.4 | 7.8 | 8.1 | 4.8 | 5.2 | 5.2 | 5.5 | 5.8 |
| 8H | 7.0 | 7.4 | 7.4 | 7.7 | 8.1 | 4.8 | 5.1 | 5.1 | 5.5 | 5.8 |
| 12H | 7.0 | 7.3 | 7.4 | 7.6 | 8.0 | 4.7 | 5.0 | 5.1 | 5.4 | 5.8 |
| 8H 4H | 7.0 | 7.4 | 7.4 | 7.7 | 8.1 | 4.8 | 5.1 | 5.1 | 5.4 | 5.8 |
| 6H | 6.9 | 7.2 | 7.3 | 7.6 | 8.0 | 4.6 | 4.9 | 5.1 | 5.3 | 5.7 |
| 8H | 6.8 | 7.1 | 7.3 | 7.5 | 7.9 | 4.6 | 4.8 | 5.0 | 5.3 | 5.7 |
| 12H | 6.8 | 7.0 | 7.2 | 7.4 | 7.9 | 4.5 | 4.8 | 5.0 | 5.2 | 5.7 |
| 12H 4H | 7.0 | 7.3 | 7.4 | 7.6 | 8.0 | 4.7 | 5.0 | 5.1 | 5.4 | 5.8 |
| 6H | 6.8 | 7.1 | 7.3 | 7.5 | 7.9 | 4.6 | 4.8 | 5.0 | 5.3 | 5.7 |
| 8H | 6.8 | 7.0 | 7.2 | 7.4 | 7.9 | 4.5 | 4.7 | 5.0 | 5.2 | 5.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 4.1 / -11.6 | | | | | + 3.1 / -10.6 | | | | |
| 1.5H | + 6.3 / - 9.3 | | | | | + 5.2 / - 7.9 | | | | |
| 2.0H | + 6.2 / - 8.4 | | | | | + 5.6 / - 7.0 | | | | |

CIE Pub.117, 619.7 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -1.7$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
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Operators:Jason
Test Date:2020-05-18

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:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------------------------|--|
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| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H70mm | |
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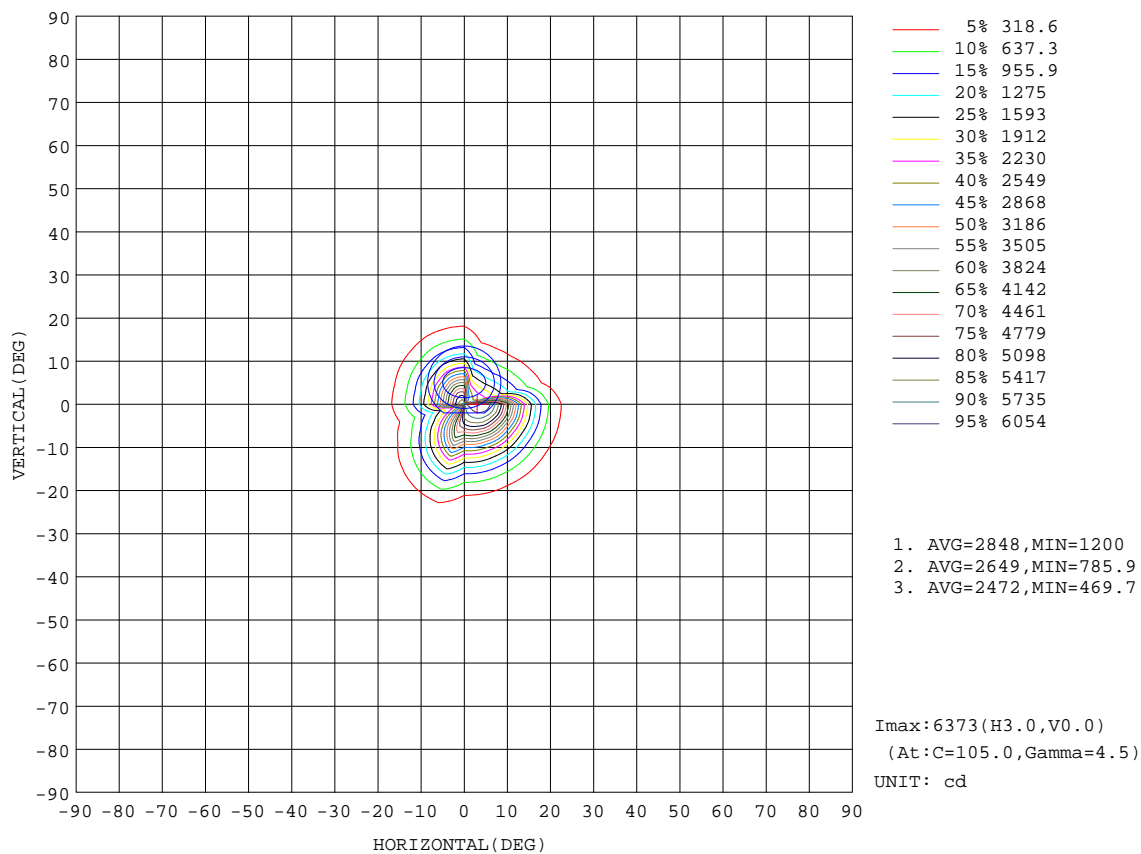
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 97 | 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
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 Humidity:58%
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 Remarks:

ISOCANDELA DIAGRAM

| | | |
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| SPEC.:4000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |



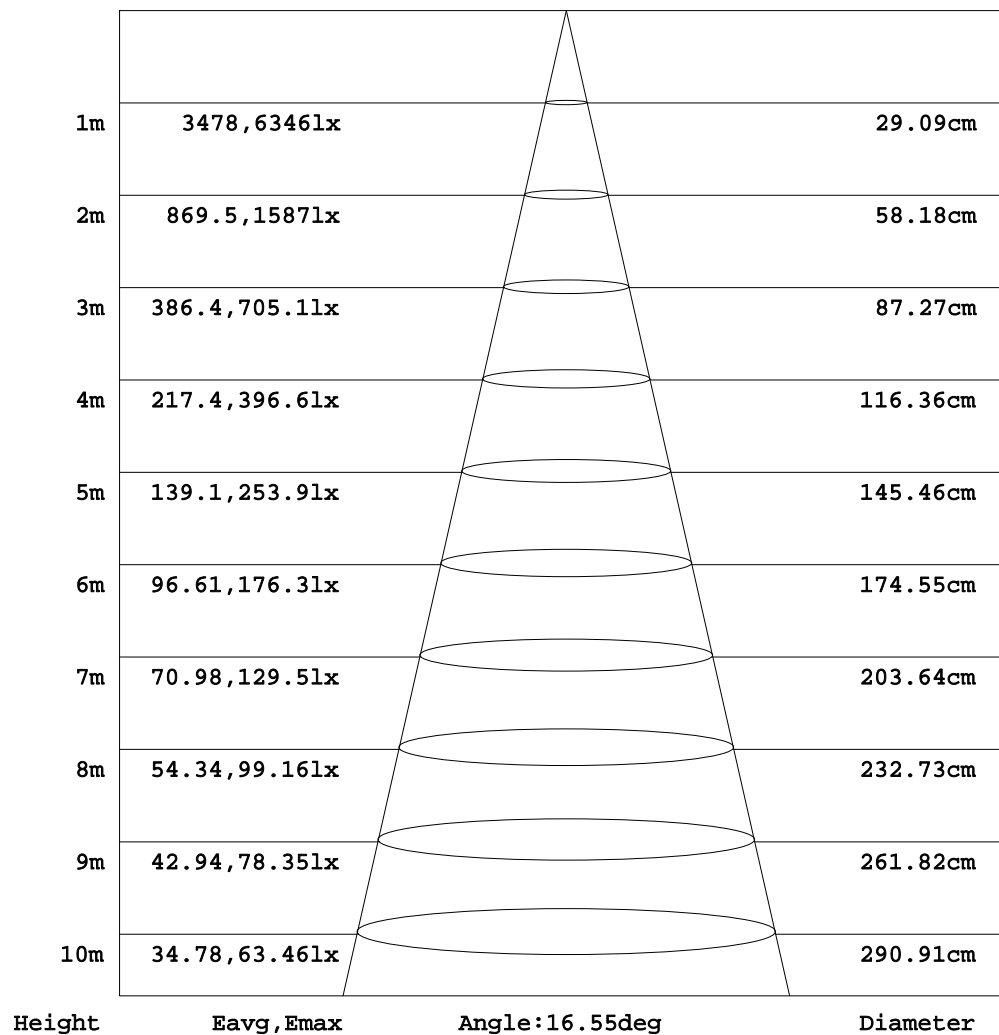
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-18

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:0.1664A P:7.987W PF:1.000 Freq:0Hz Lamp Flux:619.707x1 lm | | |
| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: $\phi 40\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

Flux out:244.0 lm



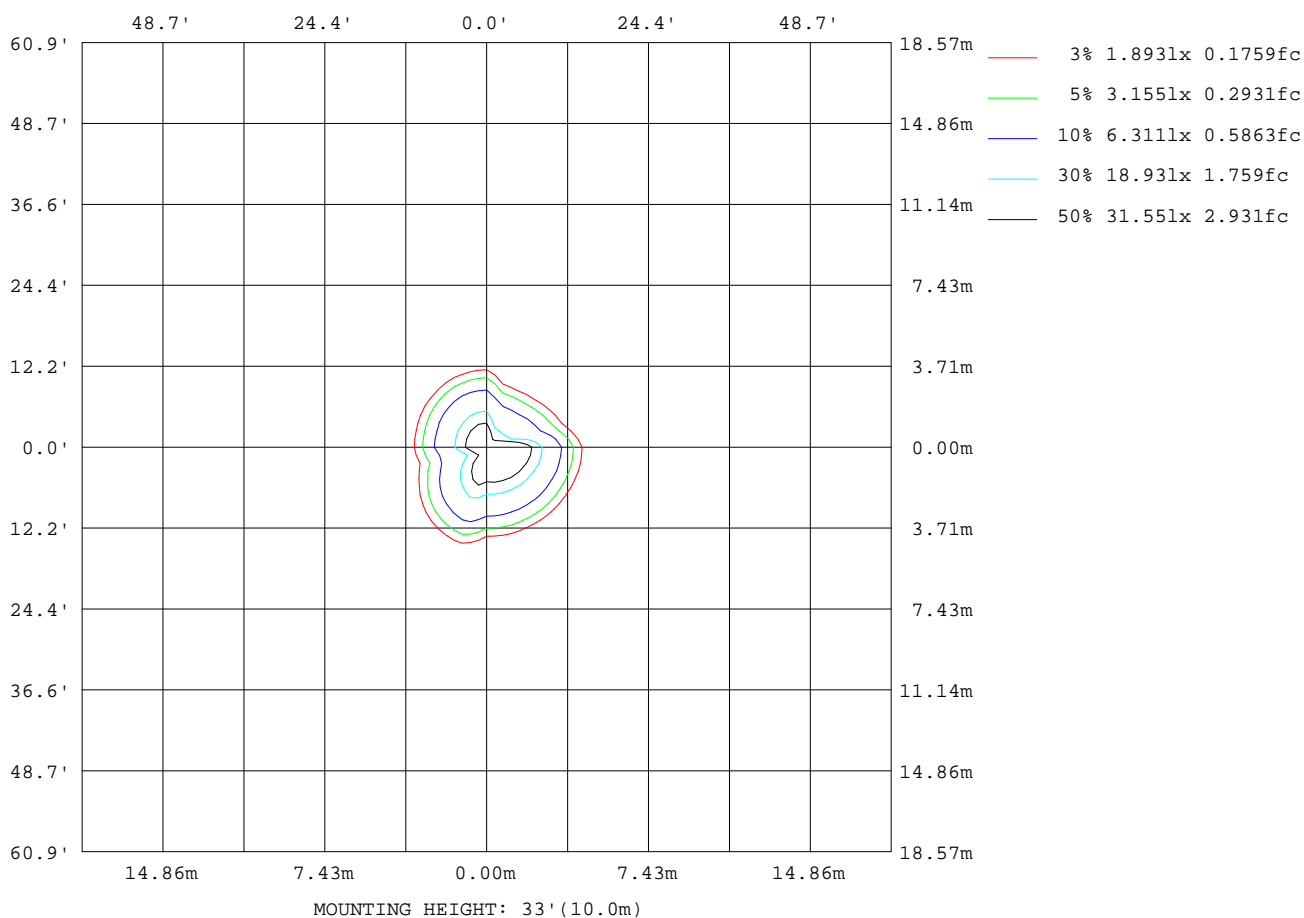
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-18

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:

ISOLUX DIAGRAM

| | | |
|---|---|--|
| Test:U:48.00V I:0.1664A P:7.987W PF:1.000 Freq:0Hz Lamp Flux:619.707x1 lm | | |
| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
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C Interval: 15.0DEG
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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:

LED Avg.L Report

| | | |
|---|--------------------------------------|--|
| Test:U:48.00V I:0.1664A P:7.987W PF:1.000 Freq:0Hz Lamp Flux:619.707x1 lm | | |
| NAME: ML26-RS40-8W-940-18 | TYPE:Low Voltage Track System Module | |
| SPEC.:4000K | DIM.: ϕ 40mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

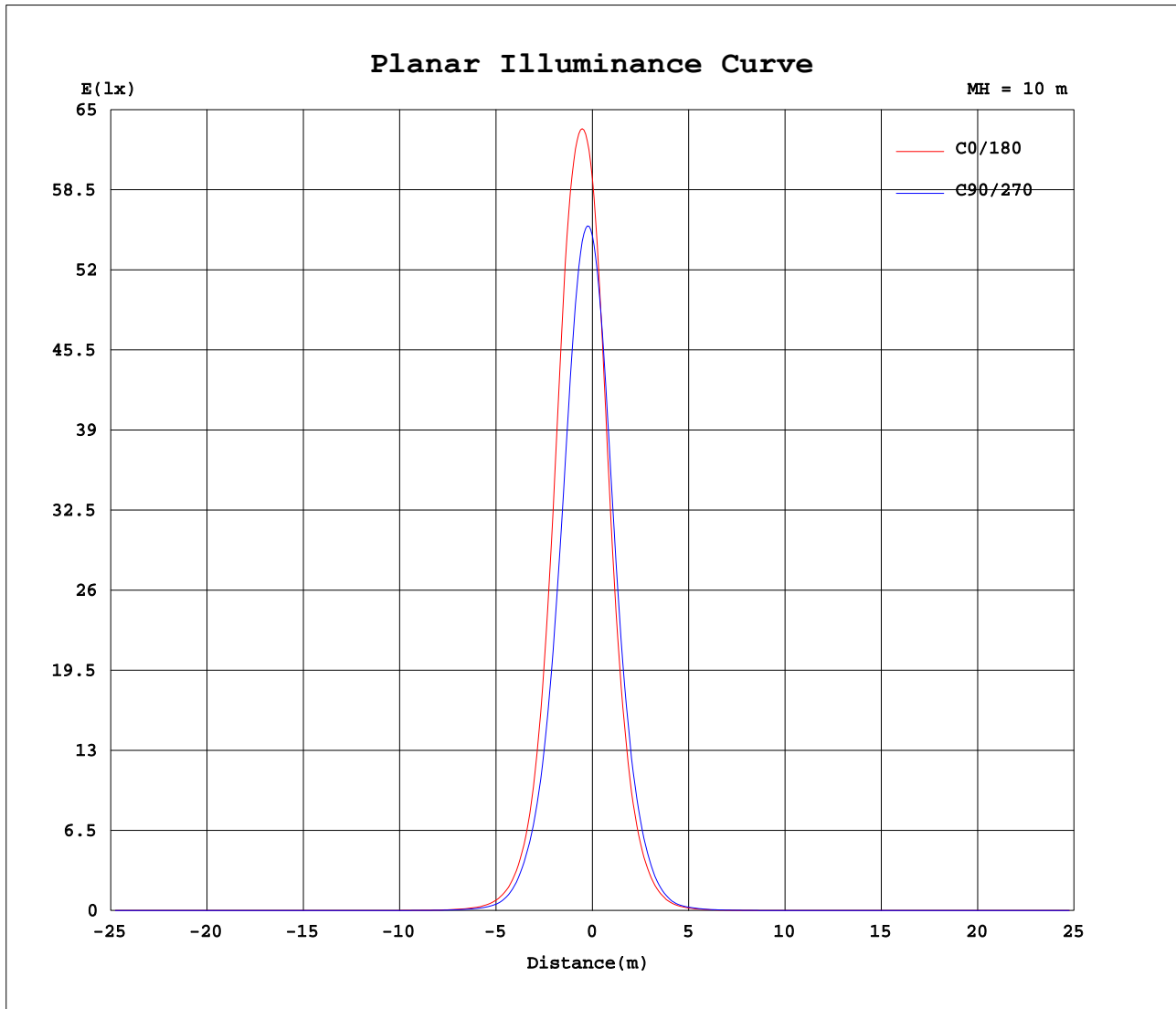
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 97 |
| L_0~180 (75) av | 79 |
| L_0~180 (85) av | 211 |
| L_90~270 (65) av | 100 |
| L_90~270 (75) av | 86 |
| L_90~270 (85) av | 220 |
| L_45 (65) av | 141 |
| L_45 (75) av | 104 |
| L_45 (85) av | 293 |

Standard: GB/T 29293-2012

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Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2020-05-18

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



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C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
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Test Date: 2020-05-18

γ Range: 0 - 90DEG
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```

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Remarks:

```