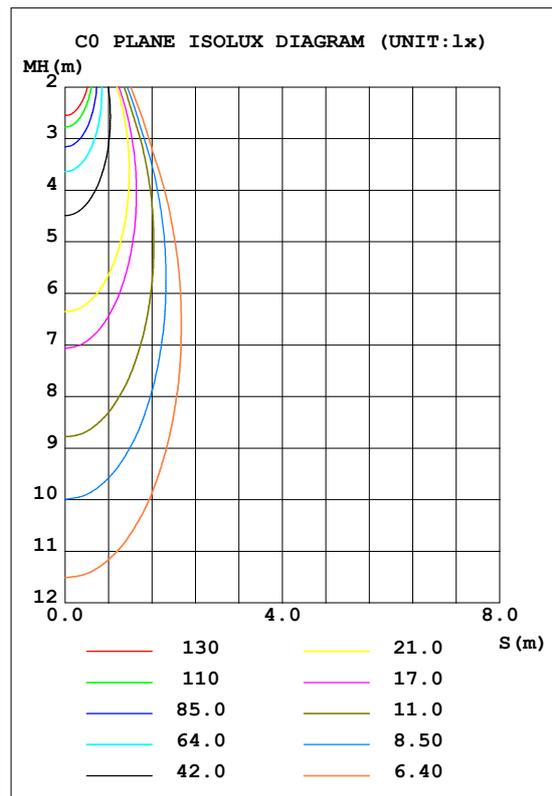
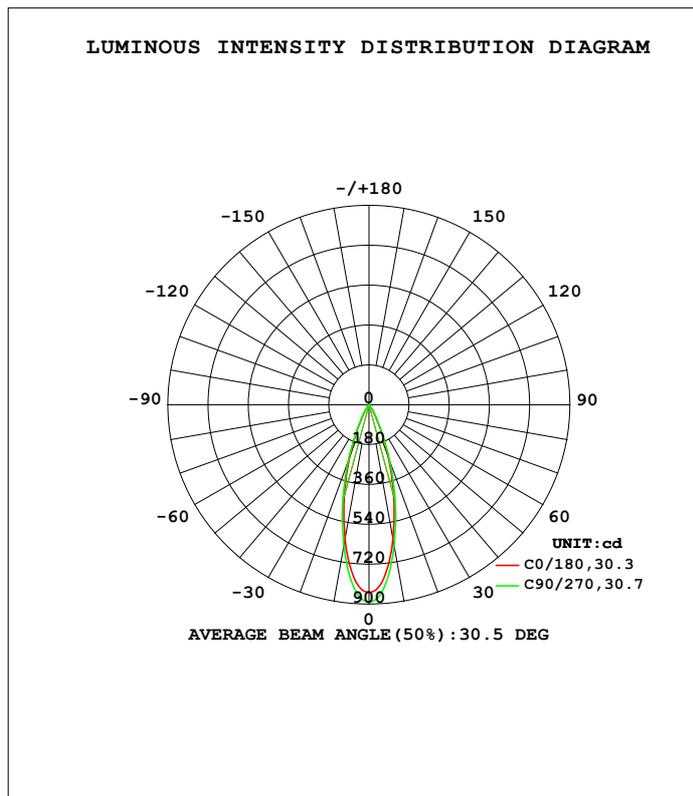


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 45.16 lm/W | | | |
|-------------------|---------|----------------------------------|--------|---------------------|----------|
| MODEL | | I _{max} (cd) | 904.6 | S/MH (C0/180) | 0.50 |
| NOMINAL POWER (W) | 6.2 | LOR (%) | 100.0 | S/MH (C90/270) | 0.51 |
| RATED VOLTAGE (V) | 220 | TOTAL FLUX (lm) | 279.98 | η UP, DN (C0-180) | 0.0,50.0 |
| NOMINAL FLUX (lm) | 279.979 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0,50.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE (V) | 220 | η down (%) | 100.0 | CIBSE SHR MAX | 0.55 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

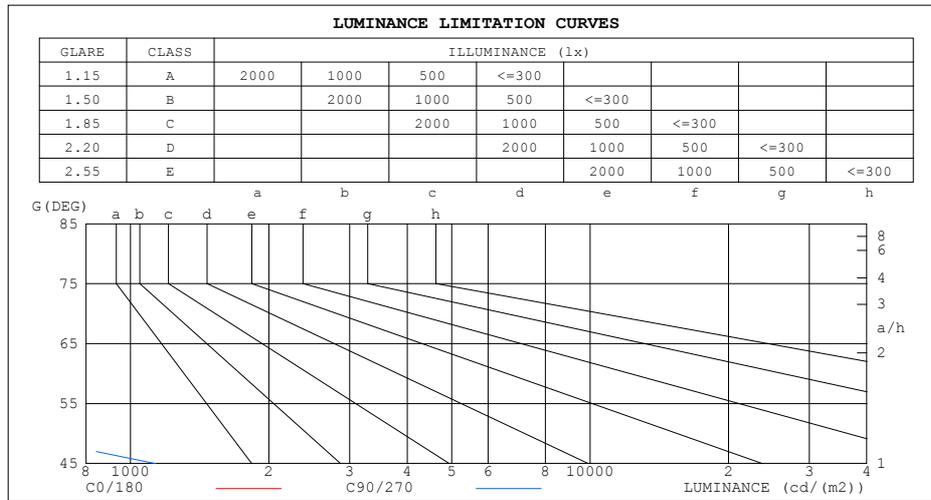
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 617.9 | 653.8 | 648.4 | 653.8 | 617.9 | 653.8 | 648.4 | 653.8 | 0- 10 | 72.25 | 72.25 | 25.8,25.8 |
| 20 | 260.4 | 270.3 | 276.4 | 270.3 | 260.4 | 270.3 | 276.4 | 270.3 | 10- 20 | 122.1 | 194.3 | 69.4,69.4 |
| 30 | 50.36 | 60.88 | 63.80 | 60.88 | 50.36 | 60.88 | 63.80 | 60.88 | 20- 30 | 63.23 | 257.5 | 92,92 |
| 40 | 9.133 | 11.42 | 12.38 | 11.42 | 9.133 | 11.42 | 12.38 | 11.42 | 30- 40 | 17.60 | 275.1 | 98.3,98.3 |
| 50 | 1.418 | 1.829 | 2.171 | 1.829 | 1.418 | 1.829 | 2.171 | 1.829 | 40- 50 | 3.860 | 279.0 | 99.6,99.6 |
| 60 | 0.2574 | 0.3459 | 0.3941 | 0.3459 | 0.2574 | 0.3459 | 0.3941 | 0.3459 | 50- 60 | 0.7210 | 279.7 | 99.9,99.9 |
| 70 | 0.1066 | 0.1004 | 0.1236 | 0.1004 | 0.1066 | 0.1004 | 0.1236 | 0.1004 | 60- 70 | 0.2076 | 279.9 | 100,100 |
| 80 | 0.0134 | 0.0217 | 0.0000 | 0.0217 | 0.0134 | 0.0217 | 0.0000 | 0.0217 | 70- 80 | 0.0510 | 280.0 | 100,100 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0044 | 280.0 | 100,100 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 280.0 | 100,100 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 280.0 | 100,100 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 280.0 | 100,100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 280.0 | 100,100 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 280.0 | 100,100 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 280.0 | 100,100 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 280.0 | 100,100 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 280.0 | 100,100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 280.0 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|----------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.: 38*170mm | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 0 | 0 |
| 80 | 12 | 0 |
| 75 | 16 | 36 |
| 70 | 49 | 56 |
| 65 | 64 | 88 |
| 60 | 80 | 123 |
| 55 | 159 | 208 |
| 50 | 345 | 528 |
| 45 | 774 | 1137 |

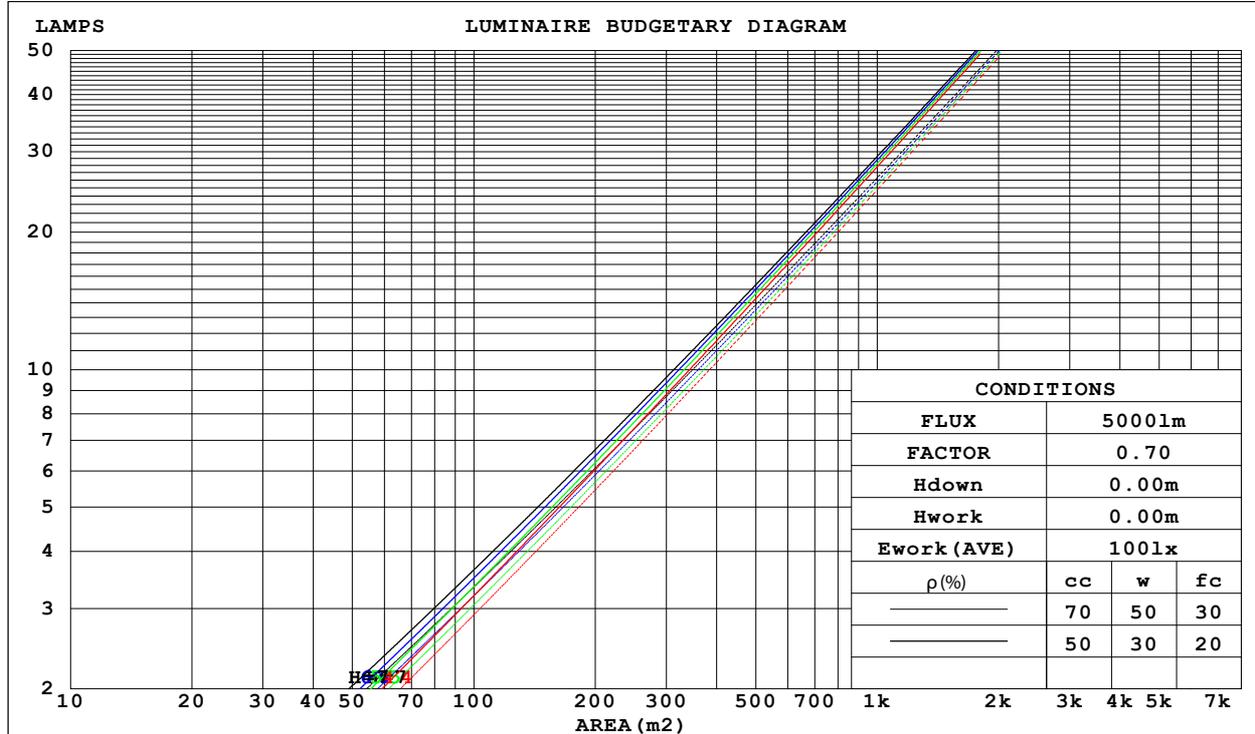
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| 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 | 1.12 | 1.10 | 1.09 | 1.10 | 1.08 | 1.07 | 1.06 | 1.05 | 1.04 | 1.03 | 1.01 | 1.00 | .99 | .98 | .98 | .96 |
| 2.0 | 1.07 | 1.03 | 1.01 | 1.05 | 1.02 | .99 | 1.02 | .99 | .97 | .99 | .97 | .95 | .96 | .95 | .93 | .92 |
| 3.0 | 1.01 | .97 | .94 | 1.00 | .96 | .94 | .98 | .95 | .92 | .95 | .93 | .91 | .93 | .91 | .89 | .88 |
| 4.0 | .97 | .92 | .89 | .96 | .92 | .89 | .94 | .90 | .88 | .92 | .89 | .87 | .90 | .88 | .86 | .84 |
| 5.0 | .93 | .88 | .85 | .92 | .88 | .84 | .90 | .86 | .84 | .89 | .85 | .83 | .87 | .84 | .82 | .81 |
| 6.0 | .89 | .84 | .81 | .88 | .84 | .81 | .87 | .83 | .80 | .85 | .82 | .80 | .84 | .81 | .79 | .78 |
| 7.0 | .85 | .81 | .77 | .85 | .80 | .77 | .84 | .80 | .77 | .83 | .79 | .77 | .82 | .78 | .76 | .75 |
| 8.0 | .82 | .78 | .74 | .82 | .77 | .74 | .81 | .77 | .74 | .80 | .76 | .74 | .79 | .76 | .73 | .72 |
| 9.0 | .79 | .75 | .72 | .79 | .74 | .71 | .78 | .74 | .71 | .77 | .74 | .71 | .76 | .73 | .71 | .70 |
| 10.0 | .76 | .72 | .69 | .76 | .72 | .69 | .75 | .71 | .69 | .75 | .71 | .69 | .74 | .71 | .68 | .67 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

| 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 | .147 | .083 | .026 | .140 | .080 | .025 | .128 | .073 | .023 | .116 | .067 | .021 | .106 | .061 | .020 | |
| 2.0 | .137 | .075 | .023 | .132 | .073 | .022 | .121 | .068 | .021 | .112 | .063 | .020 | .103 | .058 | .018 | |
| 3.0 | .129 | .069 | .021 | .124 | .067 | .020 | .116 | .063 | .019 | .108 | .059 | .018 | .100 | .055 | .017 | |
| 4.0 | .122 | .063 | .019 | .118 | .062 | .018 | .110 | .059 | .017 | .104 | .056 | .017 | .097 | .053 | .016 | |
| 5.0 | .115 | .059 | .017 | .112 | .057 | .017 | .106 | .055 | .016 | .100 | .053 | .016 | .094 | .050 | .015 | |
| 6.0 | .109 | .055 | .016 | .107 | .054 | .015 | .101 | .052 | .015 | .096 | .050 | .015 | .091 | .048 | .014 | |
| 7.0 | .104 | .052 | .015 | .102 | .051 | .014 | .097 | .049 | .014 | .093 | .047 | .014 | .088 | .046 | .014 | |
| 8.0 | .100 | .049 | .014 | .098 | .048 | .014 | .093 | .047 | .013 | .089 | .045 | .013 | .086 | .044 | .013 | |
| 9.0 | .096 | .046 | .013 | .094 | .046 | .013 | .090 | .044 | .013 | .086 | .043 | .012 | .083 | .042 | .012 | |
| 10.0 | .092 | .044 | .012 | .090 | .044 | .012 | .087 | .043 | .012 | .084 | .042 | .012 | .081 | .041 | .012 | |

| 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 | .169 | .158 | .147 | .145 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .152 | .133 | .117 | .130 | .114 | .101 | .089 | .079 | .070 | .051 | .046 | .041 | .016 | .015 | .013 | |
| 3.0 | .137 | .113 | .094 | .118 | .098 | .082 | .081 | .068 | .057 | .047 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .125 | .098 | .077 | .108 | .085 | .067 | .074 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .115 | .086 | .064 | .099 | .074 | .056 | .068 | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .107 | .076 | .054 | .092 | .066 | .047 | .063 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .007 | |
| 7.0 | .100 | .068 | .046 | .086 | .059 | .040 | .059 | .041 | .028 | .034 | .024 | .017 | .011 | .008 | .006 | |
| 8.0 | .094 | .062 | .040 | .081 | .053 | .035 | .056 | .038 | .025 | .032 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .088 | .056 | .034 | .076 | .049 | .030 | .053 | .034 | .021 | .031 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .083 | .051 | .030 | .072 | .045 | .026 | .050 | .031 | .019 | .029 | .019 | .011 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|-----|-----|-----|---------------|----------------|------|------------------|------|------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | | | | | | | | | |
| NAME: ML-CID36 36° | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: FLEX LV | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: Mercury Lighting | | | | | SUR.:38*170mm | | | 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 | 8.7 | 9.4 | 8.9 | 9.6 | 9.7 | 9.9 | 10.6 | 10.1 | 10.8 | 10.9 |
| 3H | 8.6 | 9.2 | 8.8 | 9.4 | 9.6 | 9.8 | 10.4 | 10.0 | 10.6 | 10.8 |
| 4H | 8.5 | 9.1 | 8.7 | 9.3 | 9.5 | 9.7 | 10.3 | 9.9 | 10.5 | 10.7 |
| 6H | 8.4 | 9.0 | 8.7 | 9.2 | 9.5 | 9.6 | 10.2 | 9.9 | 10.4 | 10.7 |
| 8H | 8.4 | 8.9 | 8.7 | 9.2 | 9.4 | 9.5 | 10.1 | 9.8 | 10.4 | 10.6 |
| 12H | 8.3 | 8.9 | 8.6 | 9.1 | 9.4 | 9.5 | 10.1 | 9.8 | 10.3 | 10.6 |
| 4H 2H | 8.5 | 9.1 | 8.8 | 9.3 | 9.5 | 9.7 | 10.3 | 9.9 | 10.5 | 10.7 |
| 3H | 8.3 | 8.9 | 8.6 | 9.1 | 9.4 | 9.5 | 10.1 | 9.8 | 10.3 | 10.6 |
| 4H | 8.2 | 8.7 | 8.6 | 9.0 | 9.3 | 9.4 | 9.9 | 9.7 | 10.2 | 10.5 |
| 6H | 8.1 | 8.6 | 8.5 | 8.9 | 9.2 | 9.3 | 9.8 | 9.7 | 10.1 | 10.4 |
| 8H | 8.1 | 8.5 | 8.5 | 8.8 | 9.2 | 9.3 | 9.7 | 9.6 | 10.0 | 10.4 |
| 12H | 8.0 | 8.4 | 8.4 | 8.8 | 9.2 | 9.2 | 9.6 | 9.6 | 10.0 | 10.3 |
| 8H 4H | 8.1 | 8.5 | 8.5 | 8.8 | 9.2 | 9.3 | 9.7 | 9.6 | 10.0 | 10.4 |
| 6H | 8.0 | 8.3 | 8.4 | 8.7 | 9.1 | 9.1 | 9.5 | 9.6 | 9.9 | 10.3 |
| 8H | 7.9 | 8.2 | 8.4 | 8.6 | 9.1 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| 12H | 7.8 | 8.1 | 8.3 | 8.5 | 9.0 | 9.0 | 9.3 | 9.5 | 9.7 | 10.2 |
| 12H 4H | 8.0 | 8.4 | 8.4 | 8.8 | 9.2 | 9.2 | 9.6 | 9.6 | 10.0 | 10.3 |
| 6H | 7.9 | 8.2 | 8.4 | 8.6 | 9.1 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| 8H | 7.8 | 8.1 | 8.3 | 8.5 | 9.0 | 9.0 | 9.3 | 9.5 | 9.7 | 10.2 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 3.1 / -13.5 | | | | | + 3.7 / -13.0 | | | | |
| 1.5H | + 5.3 / -10.6 | | | | | + 5.9 / -11.3 | | | | |
| 2.0H | + 5.9 / - 8.0 | | | | | + 6.8 / - 8.0 | | | | |

CIE Pub.117, 280.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.4)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

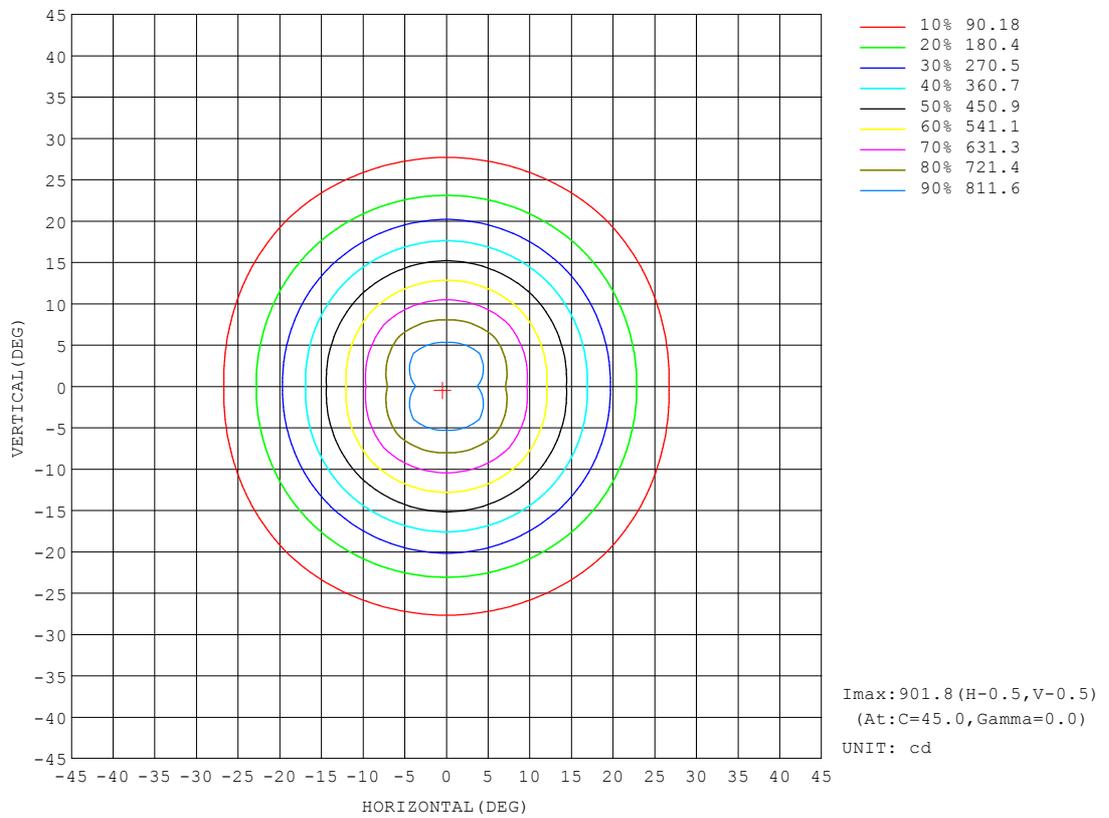
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 91 | 85 | 81 | 90 | 85 | 81 | 89 | 84 | 81 | 78 |
| 0.80 | 98 | 92 | 89 | 97 | 92 | 89 | 96 | 91 | 88 | 85 |
| 1.00 | 101 | 96 | 93 | 101 | 96 | 93 | 99 | 96 | 92 | 89 |
| 1.25 | 105 | 100 | 97 | 104 | 100 | 97 | 102 | 99 | 96 | 92 |
| 1.50 | 107 | 103 | 100 | 106 | 102 | 100 | 104 | 101 | 99 | 94 |
| 2.00 | 110 | 106 | 103 | 108 | 105 | 102 | 106 | 103 | 101 | 96 |
| 2.50 | 111 | 108 | 105 | 110 | 106 | 104 | 107 | 104 | 102 | 96 |
| 3.00 | 113 | 109 | 107 | 111 | 108 | 106 | 107 | 105 | 104 | 97 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 109 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 114 | 112 | 114 | 112 | 110 | 110 | 108 | 107 | 100 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |



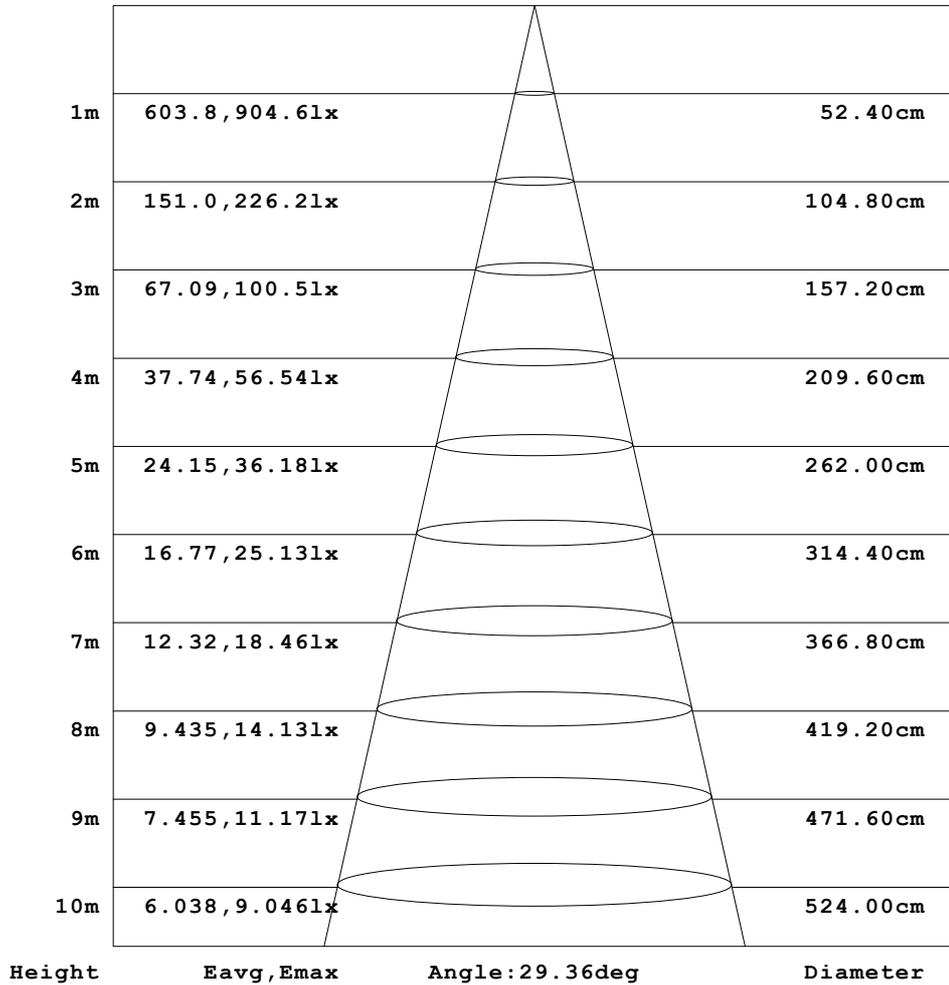
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2023-03-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

Flux out:136.2 lm



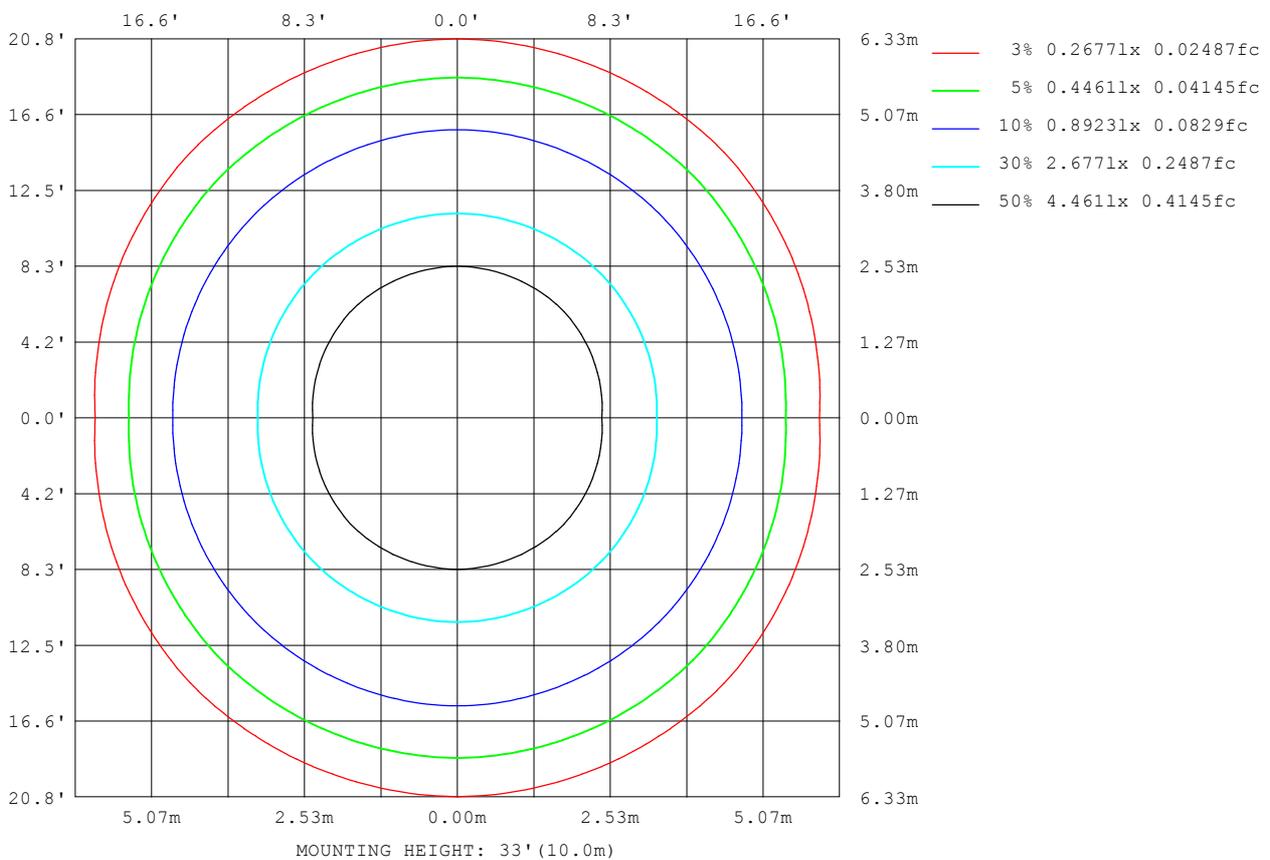
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2023-03-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|----------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.: 38*170mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

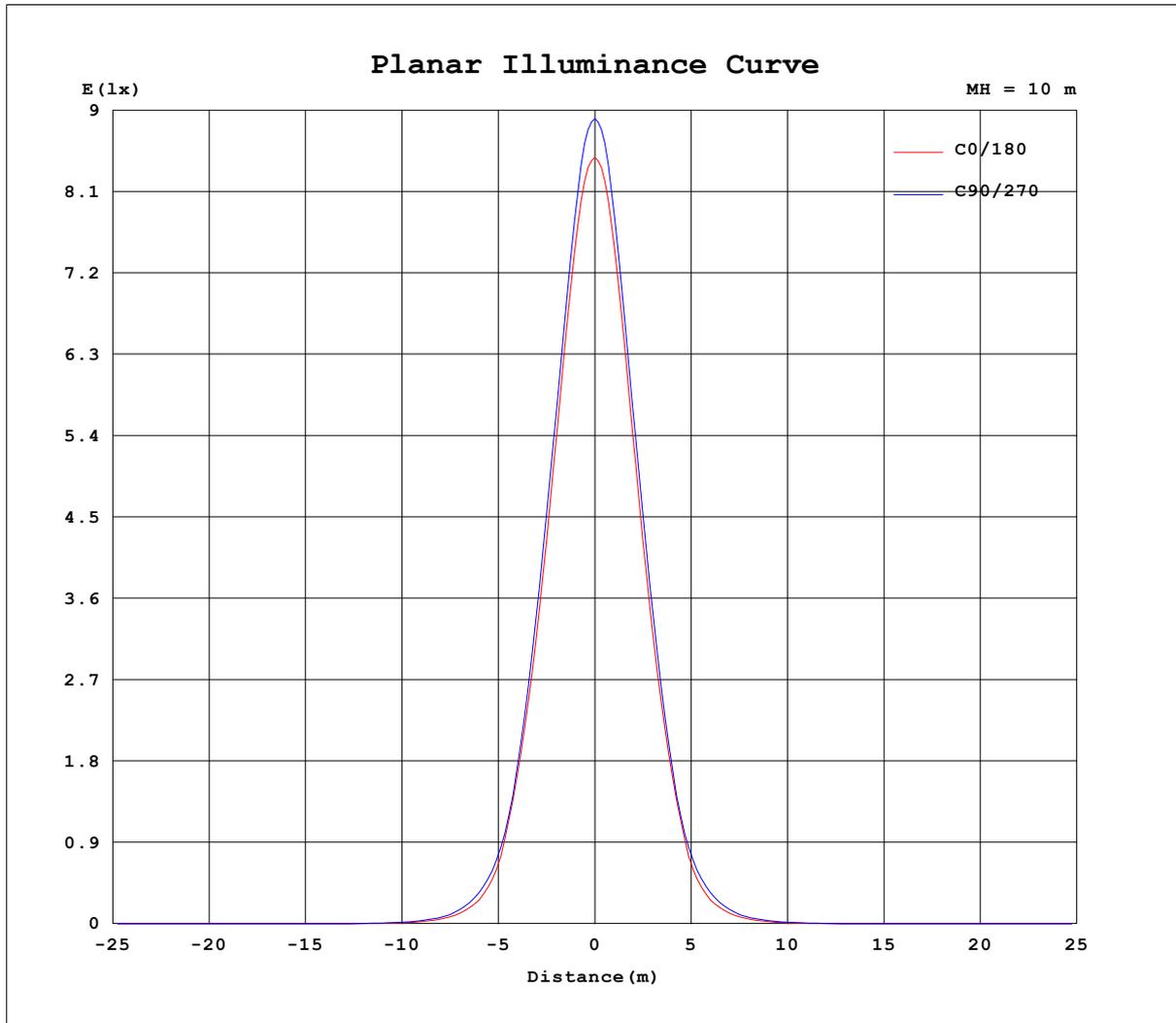
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 64 |
| L_0~180 (75) av | 16 |
| L_0~180 (85) av | 0 |
| L_90~270 (65) av | 88 |
| L_90~270 (75) av | 36 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 76 |
| L_45 (75) av | 28 |
| L_45 (85) av | 9 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JYH
 Test Date: 2023-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------|------------------|
| Test:U:220.0V I:0.0310A P:6.200W PF:0.5000 Freq:50.00Hz Lamp Flux:279.979x1 lm | | |
| NAME: ML-CID36 36° | TYPE: | WEIGHT: |
| SPEC.: FLEX LV | DIM.: | SERIAL No.: |
| MFR.: Mercury Lighting | SUR.:38*170mm | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 848 | 905 | 891 | 905 | 848 | 905 | 891 | 905 | | | | | | | | | | |
| 5 | 783 | 830 | 820 | 830 | 783 | 830 | 820 | 830 | | | | | | | | | | |
| 10 | 618 | 654 | 648 | 654 | 618 | 654 | 648 | 654 | | | | | | | | | | |
| 15 | 429 | 452 | 458 | 452 | 429 | 452 | 458 | 452 | | | | | | | | | | |
| 20 | 260 | 270 | 276 | 270 | 260 | 270 | 276 | 270 | | | | | | | | | | |
| 25 | 127 | 132 | 135 | 132 | 127 | 132 | 135 | 132 | | | | | | | | | | |
| 30 | 50.4 | 60.9 | 63.8 | 60.9 | 50.4 | 60.9 | 63.8 | 60.9 | | | | | | | | | | |
| 35 | 21.7 | 27.1 | 28.9 | 27.1 | 21.7 | 27.1 | 28.9 | 27.1 | | | | | | | | | | |
| 40 | 9.13 | 11.4 | 12.4 | 11.4 | 9.13 | 11.4 | 12.4 | 11.4 | | | | | | | | | | |
| 45 | 3.50 | 4.53 | 5.14 | 4.53 | 3.50 | 4.53 | 5.14 | 4.53 | | | | | | | | | | |
| 50 | 1.42 | 1.83 | 2.17 | 1.83 | 1.42 | 1.83 | 2.17 | 1.83 | | | | | | | | | | |
| 55 | 0.58 | 0.66 | 0.76 | 0.66 | 0.58 | 0.66 | 0.76 | 0.66 | | | | | | | | | | |
| 60 | 0.26 | 0.35 | 0.39 | 0.35 | 0.26 | 0.35 | 0.39 | 0.35 | | | | | | | | | | |
| 65 | 0.17 | 0.21 | 0.24 | 0.21 | 0.17 | 0.21 | 0.24 | 0.21 | | | | | | | | | | |
| 70 | 0.11 | 0.10 | 0.12 | 0.10 | 0.11 | 0.10 | 0.12 | 0.10 | | | | | | | | | | |
| 75 | 0.03 | 0.05 | 0.06 | 0.05 | 0.03 | 0.05 | 0.06 | 0.05 | | | | | | | | | | |
| 80 | 0.01 | 0.02 | 0.00 | 0.02 | 0.01 | 0.02 | 0.00 | 0.02 | | | | | | | | | | |
| 85 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | | | | | | | | | | |
| 90 | 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 | | | | | | | | | | |
| 100 | 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 | | | | | | | | | | |
| 110 | 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 | | | | | | | | | | |
| 120 | 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 | | | | | | | | | | |
| 130 | 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 | | | | | | | | | | |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |

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