# ANEXO 25-0175-4-A VIALIT II 100W 72 LED 70W

DRIVER MOSO X6E-100143-G

SPD ZYS-P10WD



| | | | |
|---|---|---|---|
| Light Output Ratio: | 100.0% | | |
| Luminaire Power: | 70.03 W | | |
| I80 = 49.3 cd per klm. | | I88 = | 0.9 cd per klm. |
| I90 = 0.9 cd per klm. | | I80/I88 = | 53.985 |

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

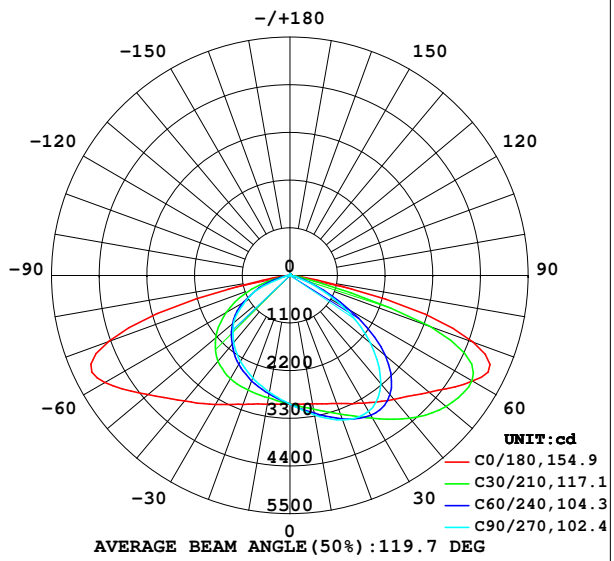
***γ Range: 0 - 180DEG***
***γ Interval: 2.0DEG***
***Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10***
***Humidity:MAX:53.2-MIN:48.5%***
***Test Distance:7.080m [K=1.0000]***
***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

# STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|---|---|---|
| Test:U:220.07V I:0.3297A P:70.025W PF:0.9653 Freq:60.01Hz Lamp Flux:12768.3x1 lm | | |
| NAME: ANEXO 25-0175-4-A VIALIT II 100W 72 LED | TYPE:Alumbrado Publico | WEIGHT:---- |
| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

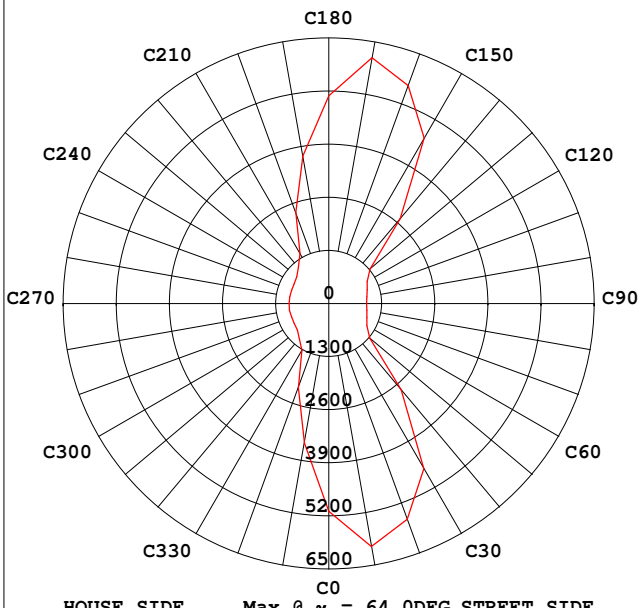
| DATA OF LAMP | | PHOTOMETRIC DATA | | Eff: 182.34 lm/W | |
|---|---|---|---|---|---|
| MODEL | -- | Imax(cd) | 6113 | η street_up(%) | 0.4 |
| NOMINAL POWER(W) | 70 | LOR(%) | 100.0 | η street_down(%) | 60.0 |
| RATED VOLTAGE(V) | ---- | TOTAL FLUX(lm) | 12768 | η house_up(%) | 0.5 |
| NOMINAL FLUX(lm) | 12768.3 | MAXIMUM @(C,γ ) | 170,64.0 | η house_down(%) | 39.1 |
| LAMPS INSIDE | 1 | η up(%) | 0.8 | 76 FLASHAREA(m2) | |
| TEST VOLTAGE(V) | 220 | η down(%) | 99.2 | SLI | |

***INTENSITY DISTRIBUTION DIAGRAM IN C PLANS***




AVERAGE BEAM ANGLE(50%):119.7 DEG

***MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM***



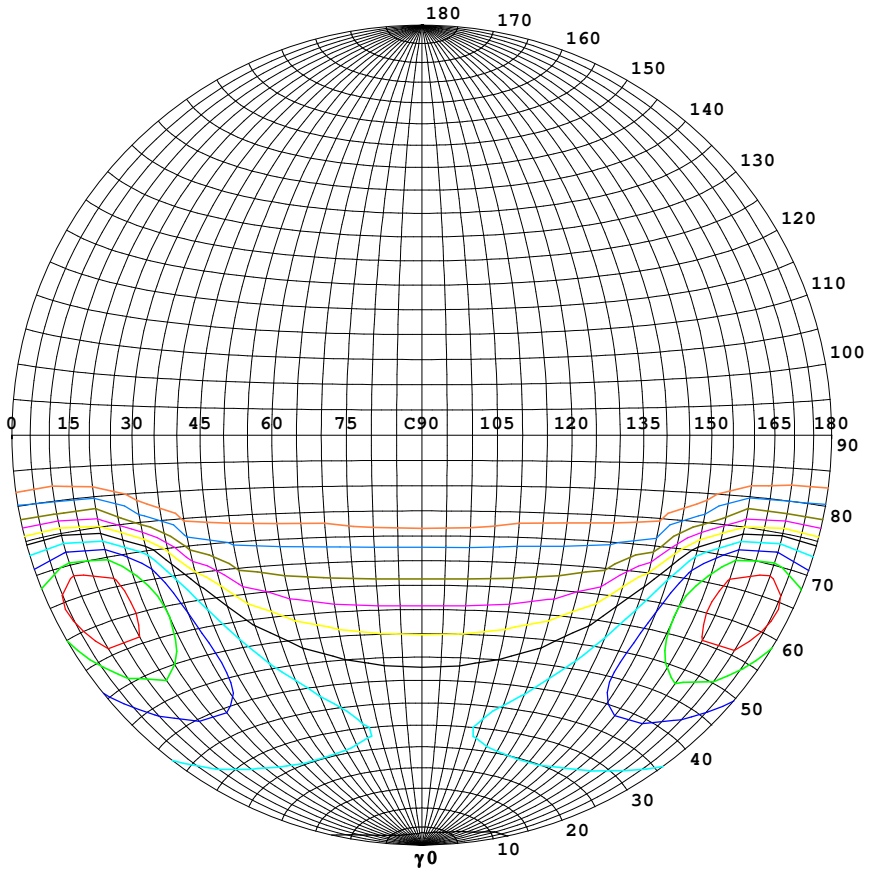

HOUSE SIDE Max @ γ = 64.0DEG STREET SIDE

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

***γ Range: 0 - 180DEG***
***γ Interval: 2.0DEG***
***Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10***
***Humidity:MAX:53.2-MIN:48.5%***
***Test Distance:7.080m [K=1.0000]***
***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

# STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|---|---|---|
| Test:U:220.07V I:0.3297A P:70.025W PF:0.9653 Freq:60.01Hz Lamp Flux:12768.3x1 lm | | |
| NAME: ANEXO 25-0175-4-A VIALIT II 100W 72 LED | TYPE:Alumbrado Publico | WEIGHT:---- |
| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |




Classification:

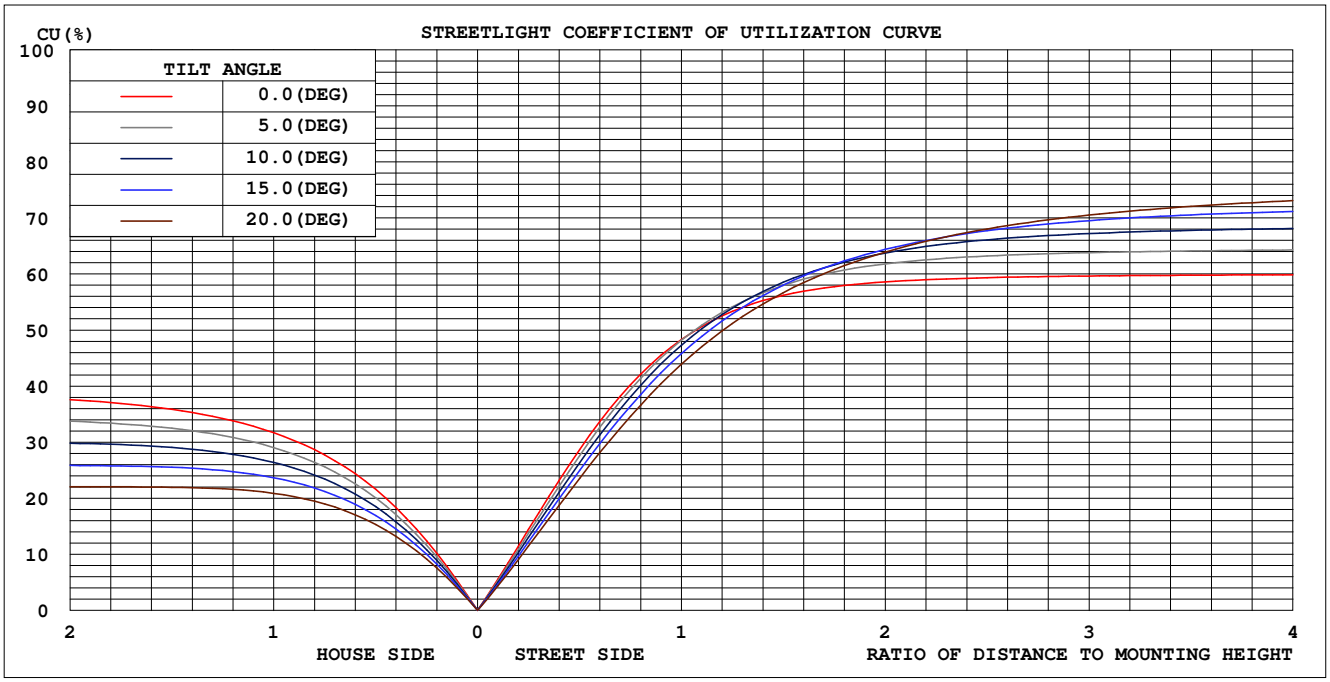
IES:Type II - Short
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:50.42cd/klm
Max.At90:0.8757cd/klm
Max.80-90:50.42cd/klm
NRB 5101:Semi limited[18.3%]

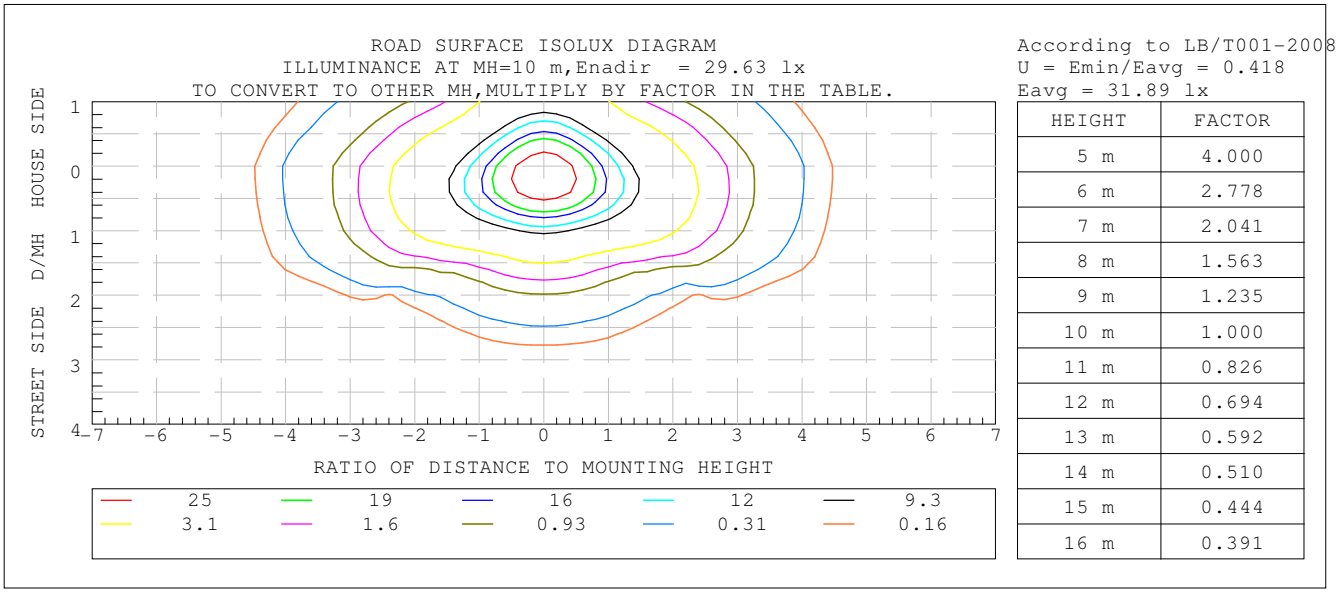
| ISOCANDELA DIAGRAM | |
|---|---|
| UNIT | cd |
| Imax=100% | 6113 |
| 90% | 5502 |
| 80% | 4890 |
| 70% | 4279 |
| 60% | 3668 |
| 50% | 3057 |
| 40% | 2445 |
| 30% | 1834 |
| 20% | 1223 |
| 10% | 611 |
| 5% | 306 |

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

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# COEFFICIENT OF UTILIZATION CURVE
# AND ISOLUX DIAGRAM




According to LB/T001-2008:
U = Emin/Eavg = 0.418
Eavg = 31.89 lx

| HEIGHT | FACTOR |
|---|---|
| 5 m | 4.000 |
| 6 m | 2.778 |
| 7 m | 2.041 |
| 8 m | 1.563 |
| 9 m | 1.235 |
| 10 m | 1.000 |
| 11 m | 0.826 |
| 12 m | 0.694 |
| 13 m | 0.592 |
| 14 m | 0.510 |
| 15 m | 0.444 |
| 16 m | 0.391 |

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

***γ Range: 0 - 180DEG***
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***Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10***
***Humidity:MAX:53.2-MIN:48.5%***
***Test Distance:7.080m [K=1.0000]***
***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

# ZONAL FLUX DIAGRAM

| | | |
|---|---|---|
| Test:U:220.07V I:0.3297A P:70.025W PF:0.9653 Freq:60.01Hz Lamp Flux:12768.3x1 lm | | |
| NAME: ANEXO 25-0175-4-A VIALIT II 100W 72 LED | TYPE:Alumbrado Publico | WEIGHT:---- |
| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

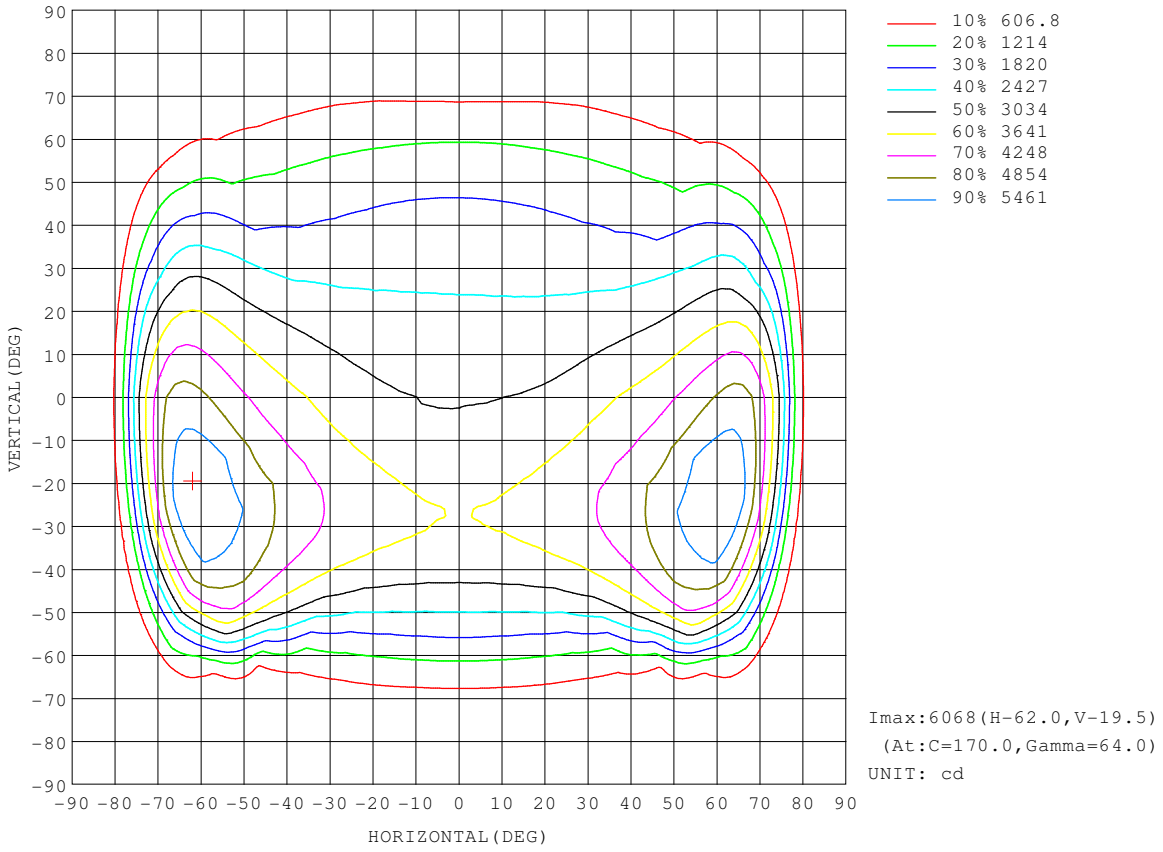
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 3012 | 3187 | 3268 | 3197 | 3019 | 2823 | 2740 | 2814 | 0- 10 | 285.3 | 285.3 | 2.23,2.23 |
| 20 | 3145 | 3476 | 3545 | 3506 | 3167 | 2689 | 2515 | 2668 | 10- 20 | 864.0 | 1149 | 9,9 |
| 30 | 3407 | 3816 | 3628 | 3862 | 3436 | 2511 | 2289 | 2480 | 20- 30 | 1452 | 2601 | 20.4,20.4 |
| 40 | 3734 | 3996 | 3262 | 4048 | 3787 | 2231 | 2023 | 2201 | 30- 40 | 1999 | 4600 | 36,36 |
| 50 | 4198 | 3757 | 2421 | 3800 | 4277 | 1842 | 1697 | 1816 | 40- 50 | 2391 | 6991 | 54.8,54.8 |
| 60 | 4872 | 2780 | 1366 | 2775 | 4942 | 1353 | 1177 | 1330 | 50- 60 | 2526 | 9517 | 74.5,74.5 |
| 70 | 4495 | 791.1 | 423.2 | 705.7 | 4440 | 689.8 | 440.2 | 679.8 | 60- 70 | 2173 | 11690 | 91.6,91.6 |
| 80 | 630.0 | 111.1 | 86.68 | 114.7 | 643.8 | 89.77 | 61.37 | 87.71 | 70- 80 | 903.5 | 12594 | 98.6,98.6 |
| 90 | 11.18 | 3.051 | 1.976 | 2.713 | 9.713 | 4.214 | 1.607 | 3.986 | 80- 90 | 65.97 | 12660 | 99.2,99.2 |
| 100 | 18.66 | 6.252 | 4.442 | 5.742 | 18.21 | 10.89 | 4.543 | 10.21 | 90-100 | 7.866 | 12668 | 99.2,99.2 |
| 110 | 23.99 | 10.01 | 7.521 | 9.418 | 23.77 | 16.42 | 9.175 | 15.88 | 100-110 | 12.94 | 12681 | 99.3,99.3 |
| 120 | 26.74 | 13.75 | 11.03 | 13.12 | 26.09 | 20.63 | 14.69 | 20.81 | 110-120 | 16.26 | 12697 | 99.4,99.4 |
| 130 | 27.81 | 17.03 | 14.30 | 16.01 | 27.36 | 22.97 | 20.02 | 25.76 | 120-130 | 17.79 | 12715 | 99.6,99.6 |
| 140 | 27.11 | 19.50 | 17.02 | 17.91 | 28.60 | 23.86 | 23.88 | 28.91 | 130-140 | 17.15 | 12732 | 99.7,99.7 |
| 150 | 26.15 | 21.68 | 19.45 | 19.59 | 27.86 | 25.61 | 25.82 | 29.63 | 140-150 | 14.88 | 12747 | 99.8,99.8 |
| 160 | 26.45 | 23.88 | 22.12 | 21.76 | 27.58 | 27.06 | 27.21 | 29.00 | 150-160 | 11.50 | 12758 | 99.9,99.9 |
| 170 | 28.10 | 26.25 | 24.87 | 24.88 | 28.58 | 28.15 | 28.27 | 28.63 | 160-170 | 7.432 | 12766 | 100,100 |
| 180 | 29.65 | 28.23 | 27.78 | 27.98 | 29.67 | 28.21 | 27.77 | 27.98 | 170-180 | 2.634 | 12768 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd Less than 35% Percent = 10.0 % | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Juan Castro
Test Date:2025-06-16

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:53.2-MIN:48.5%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

## ISOCANDELA DIAGRAM

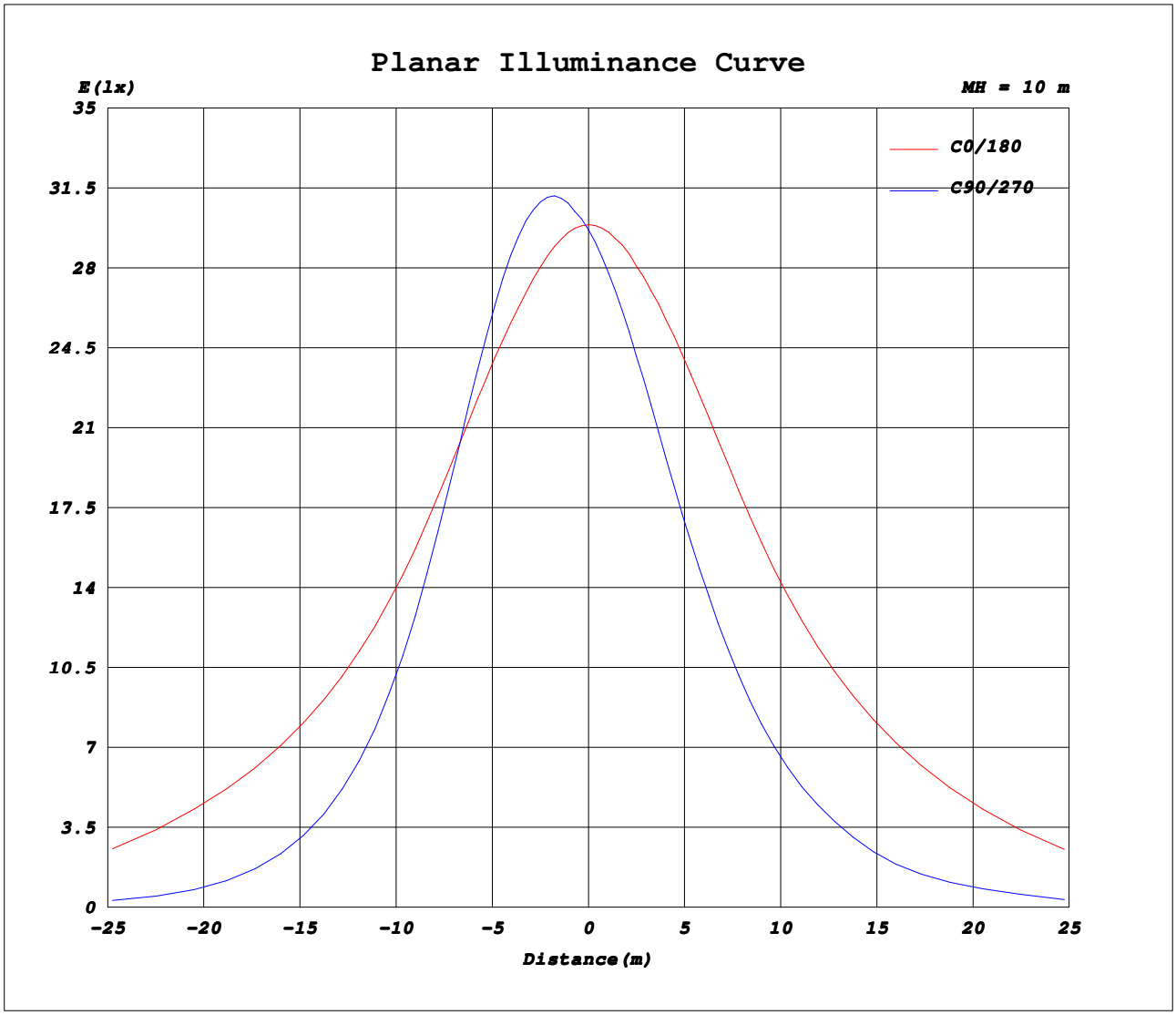
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| NAME: ANEXO 25-0175-4-A VIALIT II 100W 72 LED | TYPE:Alumbrado Publico | WEIGHT:---- |
| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |




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# Planar Illuminance Curve




C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
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Test Date:2025-06-16

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**DRIVER MOSO X6E-100143-G**

**SPD ZYS-P10WD**

| | |
|---|---|
| **Test Distance:** | **7.080 metres** |
| **Test Tempertature:** | **25±1°C degrees Celsius** |
| **Significance:** | **ENSAYO FOTOMETRICO A LUMINARIAS**<br>**ROY ALPHA S.A**<br>**CALLE 15 No 32-598**<br>**Acopi Yumbo** |
| **Special Notes:** | **EQUIPOS UTILIZADOS**<br>**Fotogoniómetro EQEN-023**<br>**Fuente de tensión INCO-011**<br>**Luxometro INME-039**<br>**Flexometro INME-041**<br>**Analizador de potencia INME-014**<br>**Controlador de Temperatura INME-046**<br>**Datalogger INME-021-2**<br>**El presente reporte de pruebas no se debe reproducir en forma parcial, sin la aprobación del Laboratorio de ensayos de Roy Alpha.** |

| | | |
|---|---|---|
| **Realizó/revisó** | **Realizó** | **Revisó** |
| | **Juan Castro.** | **Milton Chavarro.** |

**Testing Procedure:** **Las prueba fue realizada de acuerdo con la norma LM 79 de 2019.**
**Tiempo de estabilizacion: 0:12':30"**
**Tiempo de ensayo: 0:30':47"**

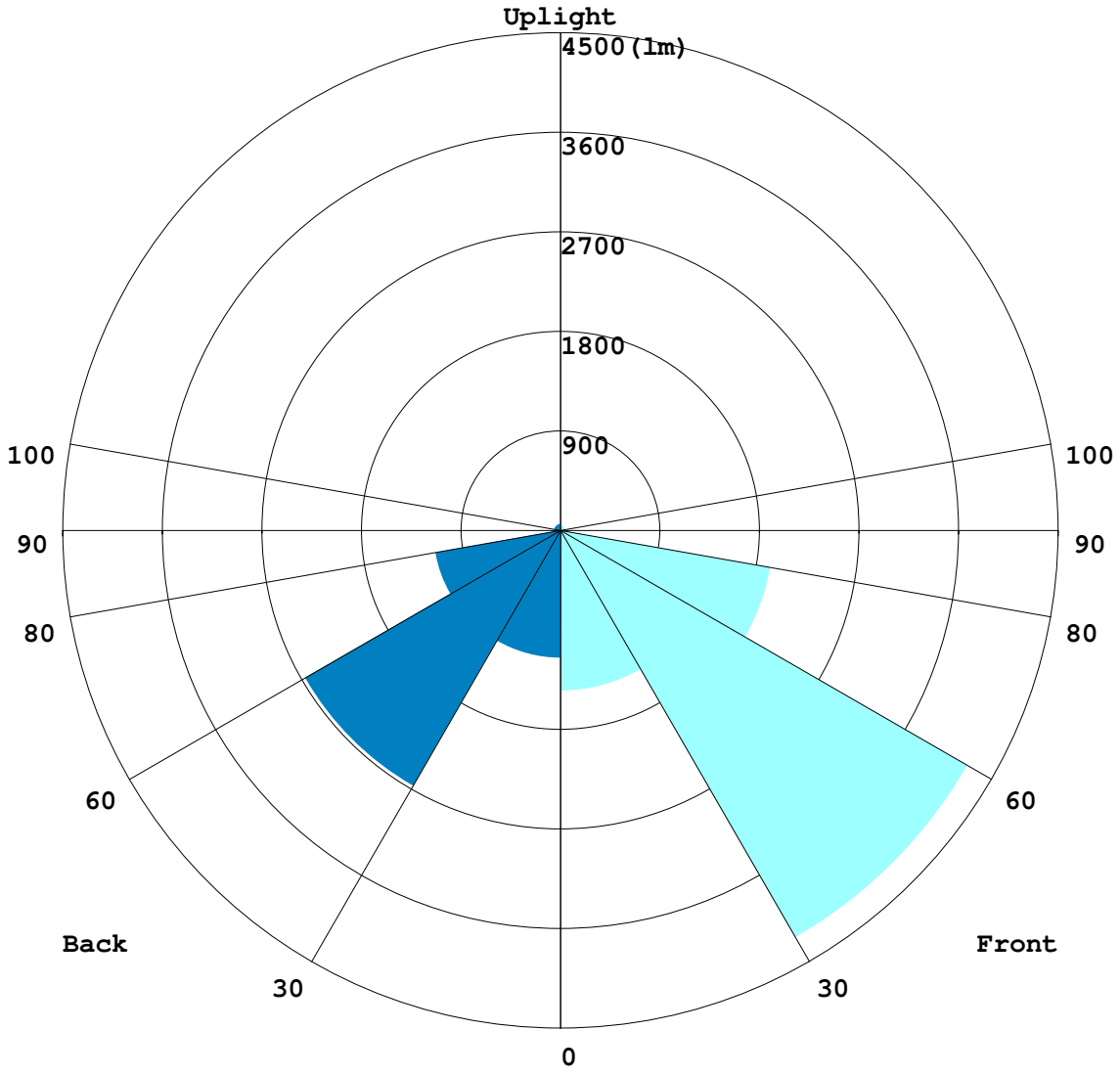
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***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

# LCS REPORT

| | | |
|---|---|---|
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| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH




*C Range: 0 - 360DEG*
*C Interval: 10.0DEG*
*Test Speed: HIGH*
*Temperature:25±1°CDEG*
*Operators:Juan Castro*
*Test Date:2025-06-16*

*γ Range: 0 - 180DEG*
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*Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10*
*Humidity:MAX:53.2-MIN:48.5%*
*Test Distance:7.080m [K=1.0000]*
*Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G*

## BUG REPORT

| Test:U:220.07V I:0.3297A P:70.025W PF:0.9653 Freq:60.01Hz Lamp Flux:12768.3x1 lm | | |
|---|---|---|
| NAME: ANEXO 25-0175-4-A VIALIT II 100W 72 LED | TYPE:Alumbrado Publico | WEIGHT:---- |
| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

**IESNA Luminaire Flux Distribution Table:**

| Zone | Lumens | Luminaire % |
|---|---|---|
| FL - Front-Low(0-30) | 1449.2 | 11.3 |
| FM - Front-Medium(30-60) | 4248.7 | 33.3 |
| FH - Front-High(60-80) | 1927 | 15.1 |
| FVH - Front-Very High(80-90) | 38.919 | 0.3 |
| Total Forward Light | 7710.7 | 60.4 |
| BL - Back-Low(0-30) | 1152.1 | 9.0 |
| BM - Back-Medium(30-60) | 2667.1 | 20.9 |
| BH - Back-High(60-80) | 1149.7 | 9.0 |
| BVH - Back-Very High(80-90) | 27.047 | 0.2 |
| Total Back Light | 5057.5 | 39.6 |
| UL - Uplight-Low(90-100) | 7.8658 | 0.1 |
| UH - Uplight-High(100-180) | 100.6 | 0.8 |
| Total Up Light | 108.46 | 0.8 |
| BUG(Back,Up,Glare) Rating | B3-U3-G3 | |

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|---|---|---|---|
| House Side | 4996 | 61.539 | 5057.5 |
| Street Side | 7663.8 | 46.923 | 7710.7 |

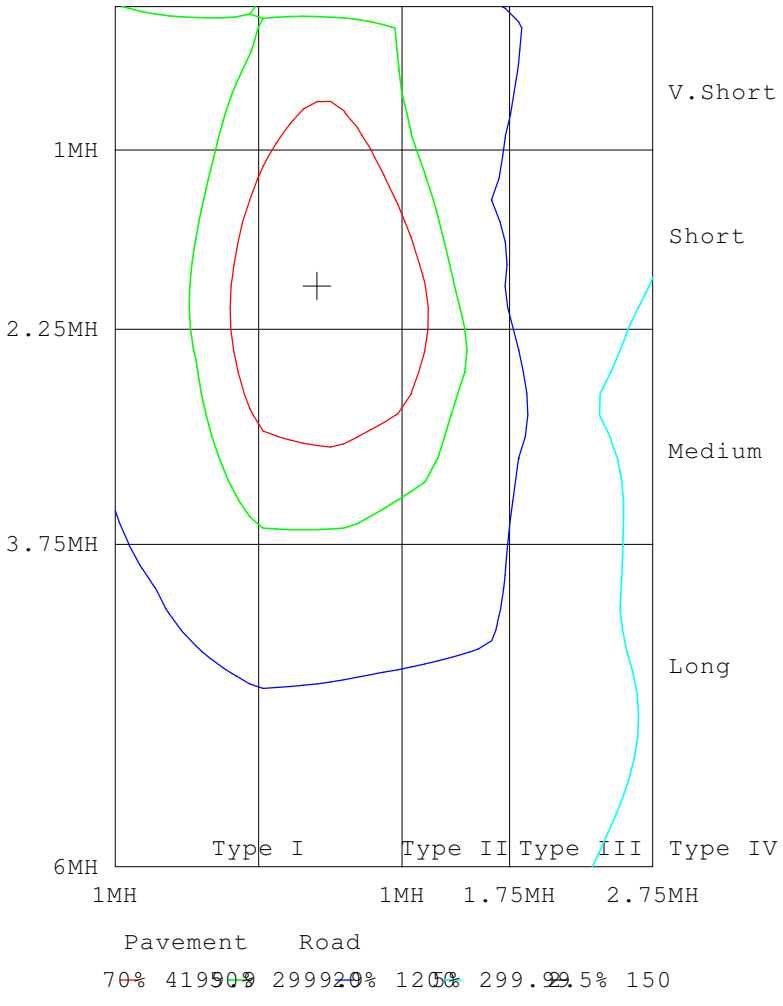
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# ROAD ISOCANDELA REPORT

| | | |
|---|---|---|
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| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

ROAD SURFACE ISOCANDELA DIAGRAM




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***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

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***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

# LUMINOUS DISTRIBUTION INTENSITY DATA

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|---|---|---|
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| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

Table--1 UNIT: cd

| γ (DEG) \ C(DEG) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 |
| 5 | 2978 | 2996 | 3012 | 3022 | 3046 | 3057 | 3067 | 3065 | 3077 | 3075 | 3082 | 3077 | 3062 | 3064 | 3041 | 3030 | 3020 | 3005 | 2978 |
| 10 | 3012 | 3053 | 3099 | 3132 | 3170 | 3203 | 3223 | 3237 | 3258 | 3268 | 3262 | 3251 | 3232 | 3215 | 3179 | 3142 | 3122 | 3067 | 3019 |
| 15 | 3051 | 3118 | 3175 | 3228 | 3277 | 3311 | 3344 | 3354 | 3381 | 3387 | 3384 | 3377 | 3347 | 3326 | 3285 | 3240 | 3200 | 3139 | 3056 |
| 20 | 3145 | 3245 | 3334 | 3402 | 3459 | 3494 | 3523 | 3528 | 3541 | 3545 | 3555 | 3548 | 3532 | 3521 | 3491 | 3433 | 3365 | 3279 | 3167 |
| 25 | 3239 | 3363 | 3477 | 3546 | 3598 | 3628 | 3628 | 3617 | 3609 | 3620 | 3622 | 3638 | 3647 | 3666 | 3637 | 3587 | 3510 | 3406 | 3263 |
| 30 | 3407 | 3579 | 3724 | 3810 | 3835 | 3797 | 3727 | 3665 | 3633 | 3628 | 3638 | 3692 | 3754 | 3840 | 3885 | 3863 | 3783 | 3634 | 3436 |
| 35 | 3530 | 3745 | 3921 | 4003 | 3979 | 3866 | 3731 | 3619 | 3554 | 3539 | 3567 | 3656 | 3757 | 3908 | 4029 | 4065 | 3992 | 3821 | 3569 |
| 40 | 3734 | 4050 | 4284 | 4301 | 4130 | 3862 | 3595 | 3396 | 3286 | 3262 | 3294 | 3421 | 3616 | 3910 | 4185 | 4376 | 4362 | 4141 | 3787 |
| 45 | 3889 | 4288 | 4559 | 4485 | 4165 | 3747 | 3379 | 3130 | 2998 | 2968 | 3005 | 3153 | 3401 | 3801 | 4226 | 4565 | 4656 | 4393 | 3958 |
| 50 | 4198 | 4790 | 5034 | 4704 | 4101 | 3412 | 2878 | 2580 | 2453 | 2421 | 2454 | 2594 | 2892 | 3448 | 4152 | 4778 | 5127 | 4907 | 4277 |
| 55 | 4454 | 5215 | 5333 | 4805 | 3947 | 3019 | 2417 | 2143 | 2037 | 2019 | 2038 | 2153 | 2424 | 3036 | 3990 | 4874 | 5438 | 5329 | 4544 |
| 60 | 4872 | 5872 | 5637 | 4852 | 3449 | 2110 | 1584 | 1424 | 1362 | 1366 | 1368 | 1433 | 1586 | 2105 | 3442 | 4894 | 5730 | 5962 | 4942 |
| 65 | 5089 | 6037 | 5620 | 4667 | 2754 | 1316 | 1083 | 993 | 949 | 930 | 952 | 1001 | 1089 | 1324 | 2719 | 4679 | 5682 | 6113 | 5088 |
| 70 | 4495 | 4996 | 4753 | 3430 | 1029 | 553 | 490 | 465 | 436 | 423 | 436 | 473 | 500 | 562 | 849 | 3361 | 4770 | 5057 | 4440 |
| 75 | 3256 | 3403 | 3016 | 1466 | 330 | 279 | 259 | 254 | 207 | 205 | 207 | 257 | 265 | 286 | 332 | 1474 | 2988 | 3406 | 3192 |
| 80 | 630 | 564 | 503 | 242 | 120 | 102 | 105 | 91.4 | 87.3 | 86.7 | 88.2 | 93.5 | 112 | 107 | 123 | 245 | 532 | 593 | 644 |
| 85 | 161 | 102 | 131 | 70.9 | 41.1 | 36.2 | 35.0 | 34.0 | 28.1 | 10.2 | 25.4 | 35.4 | 37.2 | 39.4 | 43.7 | 76.3 | 141 | 114 | 112 |
| 90 | 11.2 | 9.33 | 7.00 | 4.84 | 3.45 | 2.65 | 2.36 | 2.17 | 2.07 | 1.98 | 2.06 | 2.15 | 2.28 | 2.46 | 2.97 | 3.99 | 5.79 | 7.98 | 9.71 |
| 95 | 14.3 | 11.9 | 9.10 | 6.48 | 4.71 | 3.68 | 3.25 | 3.02 | 2.89 | 2.84 | 2.87 | 2.95 | 3.10 | 3.41 | 4.12 | 5.52 | 7.85 | 10.6 | 13.2 |
| 100 | 18.7 | 15.9 | 12.4 | 9.21 | 6.95 | 5.55 | 4.92 | 4.59 | 4.47 | 4.44 | 4.47 | 4.54 | 4.76 | 5.21 | 6.27 | 8.23 | 11.3 | 14.7 | 18.2 |
| 105 | 21.2 | 18.2 | 14.5 | 11.1 | 8.54 | 6.95 | 6.18 | 5.78 | 5.63 | 5.59 | 5.62 | 5.70 | 5.96 | 6.54 | 7.82 | 10.1 | 13.5 | 17.3 | 21.0 |
| 110 | 24.0 | 21.1 | 17.2 | 13.6 | 10.9 | 9.12 | 8.14 | 7.67 | 7.54 | 7.52 | 7.54 | 7.60 | 7.89 | 8.66 | 10.2 | 12.8 | 16.4 | 20.5 | 23.8 |
| 115 | 25.3 | 22.5 | 18.7 | 15.2 | 12.4 | 10.6 | 9.49 | 9.00 | 8.89 | 8.89 | 8.89 | 8.93 | 9.24 | 10.1 | 11.7 | 14.4 | 18.0 | 22.0 | 24.8 |
| 120 | 26.7 | 24.3 | 20.9 | 17.5 | 14.7 | 12.8 | 11.7 | 11.1 | 11.0 | 11.0 | 11.0 | 11.0 | 11.3 | 12.3 | 14.0 | 16.6 | 20.0 | 23.6 | 26.1 |
| 125 | 27.5 | 25.3 | 22.2 | 18.8 | 16.1 | 14.2 | 13.1 | 12.6 | 12.5 | 12.4 | 12.3 | 12.4 | 12.6 | 13.6 | 15.2 | 17.7 | 20.7 | 23.8 | 26.8 |
| 130 | 27.8 | 26.2 | 23.4 | 20.5 | 17.9 | 16.1 | 15.1 | 14.6 | 14.4 | 14.3 | 14.1 | 14.1 | 14.4 | 15.3 | 16.7 | 18.6 | 20.8 | 23.2 | 27.4 |
| 135 | 27.6 | 26.2 | 23.9 | 21.2 | 18.9 | 17.3 | 16.2 | 15.7 | 15.5 | 15.4 | 15.2 | 15.2 | 15.5 | 16.2 | 17.5 | 19.0 | 20.7 | 22.7 | 28.0 |
| 140 | 27.1 | 26.0 | 24.2 | 22.1 | 20.2 | 18.8 | 17.9 | 17.3 | 17.1 | 17.0 | 16.7 | 16.7 | 16.9 | 17.5 | 18.3 | 19.5 | 20.8 | 22.4 | 28.6 |
| 145 | 26.7 | 25.8 | 24.2 | 22.5 | 21.0 | 19.8 | 18.9 | 18.4 | 18.1 | 18.0 | 17.7 | 17.6 | 17.8 | 18.3 | 18.9 | 19.8 | 21.0 | 22.5 | 28.5 |
| 150 | 26.1 | 25.5 | 24.5 | 23.3 | 22.2 | 21.2 | 20.4 | 19.9 | 19.6 | 19.5 | 19.1 | 19.0 | 19.0 | 19.4 | 19.8 | 20.6 | 21.5 | 22.7 | 27.9 |
| 155 | 26.1 | 25.6 | 24.9 | 23.9 | 23.0 | 22.0 | 21.4 | 20.9 | 20.7 | 20.5 | 20.2 | 20.0 | 19.9 | 20.2 | 20.5 | 21.2 | 22.1 | 23.1 | 27.6 |
| 160 | 26.4 | 26.3 | 25.8 | 25.0 | 24.2 | 23.5 | 23.0 | 22.6 | 22.4 | 22.1 | 21.9 | 21.6 | 21.5 | 21.6 | 21.9 | 22.4 | 23.2 | 24.0 | 27.6 |
| 165 | 27.0 | 26.9 | 26.5 | 25.8 | 25.2 | 24.5 | 24.1 | 23.7 | 23.5 | 23.2 | 23.0 | 22.8 | 22.7 | 22.8 | 23.0 | 23.4 | 24.1 | 24.7 | 27.8 |
| 170 | 28.1 | 28.1 | 27.7 | 27.0 | 26.5 | 26.0 | 25.7 | 25.4 | 25.1 | 24.9 | 24.8 | 24.7 | 24.7 | 24.8 | 24.9 | 25.2 | 25.5 | 26.1 | 28.6 |
| 175 | 29.0 | 29.0 | 28.3 | 27.7 | 27.3 | 26.9 | 26.7 | 26.4 | 26.2 | 26.1 | 26.0 | 26.0 | 26.0 | 26.2 | 26.3 | 26.4 | 26.7 | 27.1 | 29.3 |
| 180 | 29.6 | 29.2 | 28.9 | 28.5 | 28.3 | 28.2 | 28.0 | 27.9 | 27.8 | 27.8 | 27.8 | 27.9 | 27.9 | 28.0 | 28.0 | 28.0 | 28.1 | 28.3 | 29.7 |

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

***γ Range: 0 - 180DEG***
***γ Interval: 2.0DEG***
***Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10***
***Humidity:MAX:53.2-MIN:48.5%***
***Test Distance:7.080m [K=1.0000]***
***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:220.07V I:0.3297A P:70.025W PF:0.9653 Freq:60.01Hz Lamp Flux:12768.3x1 lm | | |
| NAME: ANEXO 25-0175-4-A VIALIT II 100W 72 LED | TYPE:Alumbrado Publico | WEIGHT:---- |
| SPEC.:72 LED 70W | DIM.: ---- | SERIAL No.:25-0175-4 |
| MFR.: ROY ALPHA S.A | SUR.:----- | Shielding Angle:----- |

Table--2 UNIT: cd

| γ (DEG) \ C(DEG) | 190 | 200 | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | 290 | 300 | 310 | 320 | 330 | 340 | 350 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | | |
| 5 | 2962 | 2948 | 2925 | 2911 | 2902 | 2894 | 2876 | 2871 | 2874 | 2879 | 2879 | 2884 | 2898 | 2906 | 2920 | 2943 | 2958 | | |
| 10 | 2971 | 2926 | 2871 | 2840 | 2805 | 2775 | 2751 | 2741 | 2740 | 2744 | 2750 | 2766 | 2801 | 2826 | 2868 | 2917 | 2965 | | |
| 15 | 2991 | 2923 | 2850 | 2798 | 2746 | 2703 | 2665 | 2657 | 2647 | 2656 | 2668 | 2694 | 2736 | 2777 | 2838 | 2907 | 2979 | | |
| 20 | 3052 | 2932 | 2820 | 2726 | 2651 | 2595 | 2544 | 2520 | 2515 | 2519 | 2545 | 2579 | 2635 | 2701 | 2795 | 2910 | 3028 | | |
| 25 | 3109 | 2952 | 2797 | 2676 | 2578 | 2504 | 2454 | 2431 | 2427 | 2434 | 2450 | 2488 | 2559 | 2644 | 2764 | 2918 | 3078 | | |
| 30 | 3222 | 2984 | 2750 | 2574 | 2448 | 2369 | 2317 | 2295 | 2289 | 2296 | 2316 | 2346 | 2427 | 2534 | 2707 | 2934 | 3169 | | |
| 35 | 3305 | 2992 | 2703 | 2482 | 2341 | 2263 | 2215 | 2196 | 2191 | 2196 | 2212 | 2244 | 2322 | 2448 | 2654 | 2934 | 3230 | | |
| 40 | 3416 | 2992 | 2586 | 2309 | 2153 | 2078 | 2044 | 2027 | 2023 | 2029 | 2040 | 2068 | 2138 | 2264 | 2519 | 2903 | 3327 | | |
| 45 | 3495 | 2970 | 2471 | 2160 | 2012 | 1947 | 1916 | 1904 | 1901 | 1905 | 1916 | 1931 | 1992 | 2121 | 2396 | 2859 | 3385 | | |
| 50 | 3627 | 2903 | 2241 | 1904 | 1779 | 1730 | 1706 | 1698 | 1697 | 1697 | 1711 | 1717 | 1762 | 1870 | 2148 | 2749 | 3483 | | |
| 55 | 3720 | 2826 | 2045 | 1713 | 1604 | 1568 | 1550 | 1533 | 1521 | 1532 | 1550 | 1554 | 1591 | 1680 | 1938 | 2650 | 3549 | | |
| 60 | 3796 | 2636 | 1690 | 1397 | 1308 | 1236 | 1188 | 1175 | 1177 | 1179 | 1187 | 1219 | 1290 | 1370 | 1581 | 2432 | 3592 | | |
| 65 | 3669 | 2380 | 1423 | 1158 | 1027 | 985 | 973 | 978 | 975 | 980 | 973 | 978 | 1012 | 1131 | 1323 | 2198 | 3471 | | |
| 70 | 2847 | 1724 | 947 | 714 | 665 | 649 | 610 | 507 | 440 | 493 | 597 | 641 | 657 | 702 | 876 | 1603 | 2696 | | |
| 75 | 1908 | 1092 | 582 | 471 | 427 | 404 | 267 | 190 | 186 | 188 | 244 | 393 | 420 | 460 | 554 | 1022 | 1793 | | |
| 80 | 493 | 304 | 149 | 92.7 | 86.9 | 101 | 73.0 | 68.5 | 61.4 | 67.6 | 71.2 | 96.1 | 84.6 | 90.8 | 131 | 283 | 473 | | |
| 85 | 138 | 43.3 | 33.2 | 29.7 | 25.5 | 19.4 | 12.3 | 6.58 | 1.91 | 5.71 | 10.9 | 17.2 | 23.1 | 27.6 | 31.5 | 42.0 | 130 | | |
| 90 | 10.7 | 10.00 | 7.88 | 5.28 | 3.14 | 1.95 | 1.69 | 1.63 | 1.61 | 1.63 | 1.72 | 1.97 | 3.01 | 4.96 | 7.51 | 9.74 | 10.9 | | |
| 95 | 14.5 | 13.8 | 11.3 | 8.05 | 5.23 | 3.32 | 2.71 | 2.56 | 2.54 | 2.56 | 2.73 | 3.28 | 4.95 | 7.50 | 10.7 | 13.4 | 14.6 | | |
| 100 | 19.9 | 19.3 | 16.6 | 12.7 | 9.12 | 6.31 | 4.99 | 4.59 | 4.54 | 4.58 | 4.98 | 6.12 | 8.59 | 11.8 | 15.7 | 18.8 | 20.3 | | |
| 105 | 22.6 | 21.8 | 19.2 | 15.3 | 11.7 | 8.73 | 6.95 | 6.33 | 6.24 | 6.31 | 6.90 | 8.45 | 11.1 | 14.4 | 18.3 | 21.5 | 23.1 | | |
| 110 | 25.2 | 24.2 | 21.5 | 18.1 | 14.8 | 12.2 | 10.2 | 9.36 | 9.17 | 9.31 | 10.1 | 11.9 | 14.3 | 17.4 | 21.0 | 24.2 | 25.9 | | |
| 115 | 26.0 | 25.2 | 22.7 | 19.6 | 16.6 | 14.1 | 12.4 | 11.6 | 11.3 | 11.5 | 12.2 | 13.9 | 16.4 | 19.2 | 22.5 | 25.5 | 27.0 | | |
| 120 | 26.8 | 26.2 | 24.4 | 21.9 | 19.3 | 17.1 | 15.7 | 15.0 | 14.7 | 14.9 | 15.5 | 17.0 | 19.4 | 22.2 | 25.2 | 27.4 | 28.2 | | |
| 125 | 27.1 | 26.4 | 24.8 | 22.9 | 21.0 | 19.1 | 17.8 | 17.2 | 16.9 | 17.1 | 17.7 | 19.2 | 21.6 | 24.3 | 26.9 | 28.4 | 28.5 | | |
| 130 | 27.3 | 25.9 | 24.4 | 23.4 | 22.5 | 21.5 | 20.8 | 20.3 | 20.0 | 20.3 | 21.0 | 22.2 | 24.5 | 27.0 | 28.7 | 29.2 | 28.2 | | |
| 135 | 27.7 | 25.9 | 24.3 | 23.5 | 23.0 | 22.6 | 22.2 | 22.0 | 21.8 | 22.1 | 22.8 | 24.1 | 26.1 | 28.4 | 29.8 | 29.7 | 28.2 | | |
| 140 | 28.4 | 26.8 | 25.0 | 24.0 | 23.7 | 23.8 | 23.7 | 23.8 | 23.9 | 24.1 | 24.9 | 26.2 | 28.1 | 29.7 | 30.6 | 30.4 | 28.4 | | |
| 145 | 28.4 | 27.2 | 25.6 | 24.7 | 24.5 | 24.3 | 24.3 | 24.6 | 24.8 | 25.2 | 25.9 | 27.1 | 28.9 | 30.0 | 30.6 | 30.3 | 28.4 | | |
| 150 | 27.9 | 27.4 | 26.5 | 25.8 | 25.4 | 25.1 | 25.2 | 25.6 | 25.8 | 26.2 | 26.9 | 27.9 | 29.2 | 30.0 | 30.3 | 29.7 | 28.2 | | |
| 155 | 27.8 | 27.5 | 26.9 | 26.4 | 26.0 | 25.8 | 25.9 | 26.2 | 26.3 | 26.7 | 27.3 | 28.1 | 29.2 | 29.8 | 29.9 | 29.4 | 28.2 | | |
| 160 | 27.6 | 27.5 | 27.3 | 27.1 | 27.0 | 26.9 | 26.9 | 27.1 | 27.2 | 27.4 | 27.8 | 28.3 | 28.9 | 29.1 | 29.3 | 28.9 | 28.1 | | |
| 165 | 27.8 | 27.7 | 27.6 | 27.5 | 27.5 | 27.4 | 27.5 | 27.6 | 27.7 | 27.9 | 28.1 | 28.4 | 28.7 | 28.8 | 28.8 | 28.6 | 28.1 | | |
| 170 | 28.4 | 28.2 | 28.2 | 28.1 | 28.2 | 28.1 | 28.1 | 28.2 | 28.3 | 28.3 | 28.4 | 28.5 | 28.7 | 28.6 | 28.5 | 28.5 | 28.2 | | |
| 175 | 28.9 | 28.7 | 28.5 | 28.4 | 28.4 | 28.4 | 28.3 | 28.3 | 28.4 | 28.4 | 28.5 | 28.5 | 28.6 | 28.5 | 28.5 | 28.5 | 28.5 | | |
| 180 | 29.2 | 28.9 | 28.5 | 28.3 | 28.1 | 28.0 | 27.9 | 27.8 | 27.8 | 27.8 | 27.9 | 27.9 | 28.0 | 28.0 | 28.0 | 28.1 | 28.3 | | |

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25±1°CDEG***
***Operators:Juan Castro***
***Test Date:2025-06-16***

***γ Range: 0 - 180DEG***
***γ Interval: 2.0DEG***
***Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10***
***Humidity:MAX:53.2-MIN:48.5%***
***Test Distance:7.080m [K=1.0000]***
***Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G***

## Photometric Data Table [cd]

| G/C | 0.0 | 10.0 | 20.0 | 30.0 | 40.0 | 50.0 | 60.0 | 70.0 | 80.0 | 90.0 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 |
| 2.0 | 2973 | 2983 | 2986 | 2987 | 3005 | 3015 | 3020 | 3015 | 3020 | 3026 |
| 4.0 | 2978 | 2996 | 3012 | 3022 | 3046 | 3057 | 3067 | 3065 | 3077 | 3075 |
| 6.0 | 2987 | 3005 | 3038 | 3062 | 3084 | 3103 | 3118 | 3118 | 3132 | 3140 |
| 8.0 | 2997 | 3033 | 3065 | 3090 | 3131 | 3150 | 3171 | 3181 | 3194 | 3202 |
| 10.0 | 3012 | 3053 | 3099 | 3132 | 3170 | 3203 | 3223 | 3237 | 3258 | 3268 |
| 12.0 | 3031 | 3086 | 3135 | 3178 | 3223 | 3259 | 3283 | 3296 | 3313 | 3329 |
| 14.0 | 3051 | 3118 | 3175 | 3228 | 3277 | 3311 | 3344 | 3354 | 3381 | 3387 |
| 16.0 | 3080 | 3158 | 3224 | 3281 | 3333 | 3368 | 3399 | 3423 | 3438 | 3443 |
| 18.0 | 3110 | 3196 | 3278 | 3341 | 3396 | 3435 | 3461 | 3474 | 3489 | 3501 |
| 20.0 | 3145 | 3245 | 3334 | 3402 | 3459 | 3494 | 3523 | 3528 | 3541 | 3545 |
| 22.0 | 3192 | 3300 | 3405 | 3473 | 3533 | 3565 | 3578 | 3574 | 3576 | 3588 |
| 24.0 | 3239 | 3363 | 3477 | 3546 | 3598 | 3628 | 3628 | 3617 | 3609 | 3620 |
| 26.0 | 3295 | 3431 | 3551 | 3629 | 3692 | 3680 | 3669 | 3637 | 3640 | 3634 |
| 28.0 | 3344 | 3501 | 3629 | 3714 | 3762 | 3743 | 3704 | 3662 | 3643 | 3636 |
| 30.0 | 3407 | 3579 | 3724 | 3810 | 3835 | 3797 | 3727 | 3665 | 3633 | 3628 |
| 32.0 | 3460 | 3666 | 3828 | 3902 | 3914 | 3833 | 3736 | 3649 | 3608 | 3597 |
| 34.0 | 3530 | 3745 | 3921 | 4003 | 3979 | 3866 | 3731 | 3619 | 3554 | 3539 |
| 36.0 | 3593 | 3843 | 4032 | 4100 | 4041 | 3880 | 3708 | 3565 | 3482 | 3468 |
| 38.0 | 3664 | 3937 | 4155 | 4201 | 4090 | 3874 | 3660 | 3492 | 3398 | 3376 |
| 40.0 | 3734 | 4050 | 4284 | 4301 | 4130 | 3862 | 3595 | 3396 | 3286 | 3262 |
| 42.0 | 3805 | 4162 | 4414 | 4400 | 4161 | 3817 | 3501 | 3281 | 3150 | 3119 |
| 44.0 | 3889 | 4288 | 4559 | 4485 | 4165 | 3747 | 3379 | 3130 | 2998 | 2968 |
| 46.0 | 3984 | 4434 | 4715 | 4563 | 4162 | 3659 | 3238 | 2973 | 2833 | 2801 |
| 48.0 | 4084 | 4605 | 4873 | 4643 | 4141 | 3551 | 3068 | 2785 | 2649 | 2611 |
| 50.0 | 4198 | 4790 | 5034 | 4704 | 4101 | 3412 | 2878 | 2580 | 2453 | 2421 |
| 52.0 | 4314 | 4989 | 5196 | 4757 | 4039 | 3231 | 2663 | 2376 | 2251 | 2229 |
| 54.0 | 4454 | 5215 | 5333 | 4805 | 3947 | 3019 | 2417 | 2143 | 2037 | 2019 |
| 56.0 | 4602 | 5459 | 5469 | 4834 | 3829 | 2769 | 2145 | 1899 | 1815 | 1811 |
| 58.0 | 4739 | 5687 | 5572 | 4866 | 3668 | 2458 | 1864 | 1660 | 1587 | 1588 |
| 60.0 | 4872 | 5872 | 5637 | 4852 | 3449 | 2110 | 1584 | 1424 | 1362 | 1366 |
| 62.0 | 5003 | 6008 | 5639 | 4797 | 3164 | 1719 | 1314 | 1203 | 1155 | 1140 |
| 64.0 | 5089 | 6037 | 5620 | 4667 | 2754 | 1316 | 1083 | 992.9 | 948.7 | 929.8 |
| 66.0 | 5053 | 5911 | 5526 | 4407 | 2208 | 1001 | 850.9 | 796.1 | 759.2 | 748.9 |
| 68.0 | 4857 | 5552 | 5258 | 4012 | 1542 | 757.1 | 653.2 | 617.9 | 589.2 | 584.3 |
| 70.0 | 4495 | 4996 | 4753 | 3430 | 1029 | 553.4 | 489.9 | 465.2 | 436.5 | 423.2 |
| 72.0 | 3957 | 4273 | 3964 | 2448 | 515.1 | 395.1 | 354.4 | 335.4 | 284.4 | 266.2 |
| 74.0 | 3256 | 3403 | 3016 | 1466 | 330.3 | 279.3 | 259.0 | 254.2 | 206.9 | 204.5 |
| 76.0 | 2276 | 2338 | 1953 | 662.0 | 235.8 | 203.4 | 197.5 | 173.1 | 163.4 | 162.0 |
| 78.0 | 1242 | 1214 | 1227 | 345.1 | 163.5 | 143.1 | 150.5 | 128.0 | 125.3 | 124.1 |
| 80.0 | 630.0 | 564.2 | 503.1 | 242.1 | 119.7 | 102.4 | 104.5 | 91.40 | 87.27 | 86.68 |
| 82.0 | 293.9 | 333.1 | 255.2 | 139.0 | 76.05 | 65.03 | 66.52 | 60.05 | 53.80 | 35.21 |
| 84.0 | 161.0 | 102.4 | 130.5 | 70.85 | 41.07 | 36.22 | 34.98 | 34.03 | 28.15 | 10.24 |
| 86.0 | 29.32 | 34.83 | 48.69 | 25.91 | 17.46 | 16.31 | 15.61 | 15.85 | 12.75 | 4.136 |
| 88.0 | 11.67 | 10.62 | 8.838 | 6.597 | 5.130 | 4.980 | 4.813 | 5.222 | 4.458 | 2.226 |
| 90.0 | 11.18 | 9.332 | 6.997 | 4.844 | 3.450 | 2.653 | 2.358 | 2.172 | 2.065 | 1.976 |
| 92.0 | 12.69 | 10.62 | 8.020 | 5.634 | 4.041 | 3.137 | 2.770 | 2.564 | 2.446 | 2.378 |
| 94.0 | 14.25 | 11.94 | 9.105 | 6.484 | 4.715 | 3.677 | 3.250 | 3.022 | 2.892 | 2.839 |
| 96.0 | 15.78 | 13.27 | 10.23 | 7.387 | 5.426 | 4.268 | 3.769 | 3.512 | 3.392 | 3.335 |
| 98.0 | 17.25 | 14.57 | 11.34 | 8.296 | 6.177 | 4.898 | 4.332 | 4.037 | 3.914 | 3.877 |
| 100.0 | 18.66 | 15.85 | 12.44 | 9.211 | 6.953 | 5.551 | 4.922 | 4.594 | 4.472 | 4.442 |
| 102.0 | 19.99 | 17.08 | 13.51 | 10.14 | 7.750 | 6.243 | 5.534 | 5.183 | 5.043 | 5.017 |
| 104.0 | 21.15 | 18.23 | 14.54 | 11.05 | 8.539 | 6.951 | 6.180 | 5.784 | 5.632 | 5.586 |
| 106.0 | 22.23 | 19.29 | 15.52 | 11.93 | 9.340 | 7.675 | 6.829 | 6.403 | 6.261 | 6.211 |
| 108.0 | 23.18 | 20.25 | 16.42 | 12.78 | 10.10 | 8.395 | 7.471 | 7.025 | 6.893 | 6.863 |
| 110.0 | 23.99 | 21.09 | 17.24 | 13.58 | 10.89 | 9.123 | 8.144 | 7.666 | 7.543 | 7.521 |
| 112.0 | 24.71 | 21.83 | 17.99 | 14.38 | 11.68 | 9.849 | 8.812 | 8.316 | 8.200 | 8.190 |
| 114.0 | 25.31 | 22.48 | 18.72 | 15.18 | 12.44 | 10.59 | 9.493 | 8.997 | 8.891 | 8.886 |
| 116.0 | 25.80 | 23.05 | 19.46 | 15.97 | 13.22 | 11.32 | 10.19 | 9.684 | 9.576 | 9.587 |
| 118.0 | 26.29 | 23.67 | 20.18 | 16.74 | 13.95 | 12.06 | 10.90 | 10.39 | 10.31 | 10.31 |
| 120.0 | 26.74 | 24.28 | 20.87 | 17.47 | 14.72 | 12.77 | 11.66 | 11.12 | 11.04 | 11.03 |
| 122.0 | 27.15 | 24.82 | 21.52 | 18.18 | 15.41 | 13.48 | 12.37 | 11.85 | 11.75 | 11.74 |
| 124.0 | 27.48 | 25.33 | 22.15 | 18.84 | 16.09 | 14.15 | 13.09 | 12.57 | 12.47 | 12.43 |
| 126.0 | 27.65 | 25.69 | 22.66 | 19.44 | 16.73 | 14.85 | 13.77 | 13.28 | 13.15 | 13.08 |
| 128.0 | 27.81 | 25.99 | 23.10 | 19.97 | 17.34 | 15.50 | 14.41 | 13.95 | 13.76 | 13.69 |
| 130.0 | 27.81 | 26.16 | 23.44 | 20.45 | 17.92 | 16.14 | 15.05 | 14.56 | 14.37 | 14.30 |
| 132.0 | 27.75 | 26.22 | 23.65 | 20.88 | 18.43 | 16.72 | 15.67 | 15.16 | 14.96 | 14.86 |
| 134.0 | 27.59 | 26.22 | 23.87 | 21.23 | 18.93 | 17.28 | 16.25 | 15.74 | 15.52 | 15.43 |
| 136.0 | 27.47 | 26.18 | 24.05 | 21.56 | 19.39 | 17.78 | 16.84 | 16.29 | 16.07 | 15.97 |
| 138.0 | 27.30 | 26.13 | 24.12 | 21.81 | 19.82 | 18.31 | 17.40 | 16.83 | 16.59 | 16.50 |
| 140.0 | 27.11 | 26.00 | 24.20 | 22.10 | 20.21 | 18.79 | 17.93 | 17.34 | 17.11 | 17.02 |
| 142.0 | 26.93 | 25.89 | 24.23 | 22.31 | 20.60 | 19.28 | 18.45 | 17.88 | 17.62 | 17.51 |
| 144.0 | 26.73 | 25.77 | 24.25 | 22.54 | 21.03 | 19.79 | 18.92 | 18.38 | 18.12 | 17.99 |
| 146.0 | 26.52 | 25.65 | 24.25 | 22.79 | 21.37 | 20.26 | 19.42 | 18.86 | 18.59 | 18.45 |

**C Range: 0 - 360DEG**
**C Interval: 10.0DEG**
**Test Speed: HIGH**
**Temperature:25±1°CDEG**
**Operators:Juan Castro**
**Test Date:2025-06-16**

**γ Range: 0 - 180DEG**
**γ Interval: 2.0DEG**
**Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10**
**Humidity:MAX:53.2-MIN:48.5%**
**Test Distance:7.080m [K=1.0000]**
**Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G**

## Photometric Data Table [cd]

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 148.0 | 26.27 | 25.52 | 24.34 | 23.04 | 21.78 | 20.72 | 19.93 | 19.37 | 19.10 | 18.94 |
| 150.0 | 26.15 | 25.48 | 24.47 | 23.32 | 22.19 | 21.17 | 20.39 | 19.85 | 19.62 | 19.45 |
| 152.0 | 26.06 | 25.52 | 24.68 | 23.63 | 22.57 | 21.62 | 20.88 | 20.40 | 20.15 | 19.97 |
| 154.0 | 26.09 | 25.63 | 24.90 | 23.92 | 22.99 | 22.03 | 21.40 | 20.92 | 20.67 | 20.52 |
| 156.0 | 26.16 | 25.76 | 25.18 | 24.29 | 23.40 | 22.52 | 21.90 | 21.49 | 21.25 | 21.06 |
| 158.0 | 26.27 | 25.99 | 25.45 | 24.65 | 23.81 | 23.00 | 22.43 | 22.04 | 21.81 | 21.61 |
| 160.0 | 26.45 | 26.28 | 25.77 | 25.04 | 24.24 | 23.52 | 22.99 | 22.61 | 22.38 | 22.12 |
| 162.0 | 26.72 | 26.62 | 26.13 | 25.43 | 24.69 | 24.00 | 23.56 | 23.17 | 22.91 | 22.66 |
| 164.0 | 27.00 | 26.95 | 26.52 | 25.84 | 25.17 | 24.51 | 24.09 | 23.72 | 23.47 | 23.19 |
| 166.0 | 27.32 | 27.35 | 26.91 | 26.25 | 25.58 | 25.02 | 24.59 | 24.26 | 24.00 | 23.74 |
| 168.0 | 27.70 | 27.71 | 27.31 | 26.63 | 26.05 | 25.50 | 25.14 | 24.81 | 24.53 | 24.29 |
| 170.0 | 28.10 | 28.12 | 27.73 | 26.99 | 26.49 | 26.00 | 25.66 | 25.36 | 25.09 | 24.87 |
| 172.0 | 28.53 | 28.54 | 28.03 | 27.38 | 26.92 | 26.46 | 26.16 | 25.86 | 25.64 | 25.48 |
| 174.0 | 29.00 | 28.95 | 28.28 | 27.73 | 27.33 | 26.92 | 26.70 | 26.42 | 26.20 | 26.06 |
| 176.0 | 29.47 | 29.16 | 28.53 | 28.06 | 27.71 | 27.36 | 27.14 | 26.93 | 26.76 | 26.66 |
| 178.0 | 29.60 | 29.22 | 28.75 | 28.32 | 28.06 | 27.80 | 27.64 | 27.44 | 27.33 | 27.24 |
| 180.0 | 29.65 | 29.22 | 28.87 | 28.52 | 28.29 | 28.16 | 28.02 | 27.87 | 27.78 | 27.78 |

| G/C | 100.0 | 110.0 | 120.0 | 130.0 | 140.0 | 150.0 | 160.0 | 170.0 | 180.0 | 190.0 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 |
| 2.0 | 3023 | 3026 | 3015 | 3016 | 3006 | 2997 | 2997 | 2988 | 2974 | 2967 |
| 4.0 | 3082 | 3077 | 3062 | 3064 | 3041 | 3030 | 3020 | 3005 | 2978 | 2962 |
| 6.0 | 3139 | 3131 | 3118 | 3109 | 3083 | 3058 | 3049 | 3021 | 2988 | 2958 |
| 8.0 | 3204 | 3186 | 3174 | 3155 | 3131 | 3101 | 3077 | 3044 | 2998 | 2965 |
| 10.0 | 3262 | 3251 | 3232 | 3215 | 3179 | 3142 | 3122 | 3067 | 3019 | 2971 |
| 12.0 | 3320 | 3312 | 3293 | 3268 | 3224 | 3190 | 3149 | 3100 | 3038 | 2978 |
| 14.0 | 3384 | 3377 | 3347 | 3326 | 3285 | 3240 | 3200 | 3139 | 3056 | 2991 |
| 16.0 | 3439 | 3435 | 3414 | 3395 | 3348 | 3301 | 3251 | 3171 | 3090 | 3010 |
| 18.0 | 3500 | 3497 | 3469 | 3459 | 3414 | 3358 | 3302 | 3222 | 3121 | 3028 |
| 20.0 | 3555 | 3548 | 3532 | 3521 | 3491 | 3433 | 3365 | 3279 | 3167 | 3052 |
| 22.0 | 3597 | 3591 | 3588 | 3592 | 3561 | 3505 | 3441 | 3337 | 3208 | 3081 |
| 24.0 | 3622 | 3638 | 3647 | 3666 | 3637 | 3587 | 3510 | 3406 | 3263 | 3109 |
| 26.0 | 3652 | 3665 | 3690 | 3722 | 3732 | 3673 | 3598 | 3472 | 3315 | 3144 |
| 28.0 | 3654 | 3684 | 3727 | 3786 | 3802 | 3769 | 3687 | 3555 | 3374 | 3178 |
| 30.0 | 3638 | 3692 | 3754 | 3840 | 3885 | 3863 | 3783 | 3634 | 3436 | 3222 |
| 32.0 | 3620 | 3680 | 3768 | 3889 | 3957 | 3965 | 3892 | 3724 | 3501 | 3252 |
| 34.0 | 3567 | 3656 | 3757 | 3908 | 4029 | 4065 | 3992 | 3821 | 3569 | 3305 |
| 36.0 | 3495 | 3592 | 3736 | 3932 | 4087 | 4169 | 4119 | 3921 | 3644 | 3336 |
| 38.0 | 3409 | 3516 | 3691 | 3930 | 4145 | 4271 | 4233 | 4028 | 3708 | 3381 |
| 40.0 | 3294 | 3421 | 3616 | 3910 | 4185 | 4376 | 4362 | 4141 | 3787 | 3416 |
| 42.0 | 3157 | 3295 | 3525 | 3864 | 4211 | 4472 | 4512 | 4255 | 3873 | 3458 |
| 44.0 | 3005 | 3153 | 3401 | 3801 | 4226 | 4565 | 4656 | 4393 | 3958 | 3495 |
| 46.0 | 2835 | 2983 | 3260 | 3715 | 4218 | 4646 | 4818 | 4540 | 4055 | 3540 |
| 48.0 | 2651 | 2801 | 3087 | 3597 | 4189 | 4715 | 4972 | 4716 | 4166 | 3581 |
| 50.0 | 2454 | 2594 | 2892 | 3448 | 4152 | 4778 | 5127 | 4907 | 4277 | 3627 |
| 52.0 | 2252 | 2388 | 2668 | 3263 | 4083 | 4824 | 5293 | 5107 | 4406 | 3672 |
| 54.0 | 2038 | 2153 | 2424 | 3036 | 3990 | 4874 | 5438 | 5329 | 4544 | 3720 |
| 56.0 | 1820 | 1909 | 2149 | 2778 | 3860 | 4894 | 5569 | 5558 | 4679 | 3763 |
| 58.0 | 1592 | 1669 | 1868 | 2466 | 3680 | 4917 | 5661 | 5780 | 4811 | 3793 |
| 60.0 | 1368 | 1433 | 1586 | 2105 | 3442 | 4894 | 5730 | 5962 | 4942 | 3796 |
| 62.0 | 1160 | 1209 | 1318 | 1717 | 3128 | 4836 | 5729 | 6094 | 5037 | 3763 |
| 64.0 | 951.7 | 1001 | 1089 | 1324 | 2719 | 4679 | 5682 | 6113 | 5088 | 3669 |
| 66.0 | 757.4 | 804.8 | 860.3 | 1011 | 2144 | 4396 | 5567 | 5971 | 5033 | 3493 |
| 68.0 | 588.6 | 627.5 | 663.1 | 764.9 | 1511 | 3985 | 5284 | 5630 | 4827 | 3220 |
| 70.0 | 436.4 | 472.8 | 499.8 | 562.2 | 848.9 | 3361 | 4770 | 5057 | 4440 | 2847 |
| 72.0 | 282.3 | 339.9 | 361.8 | 401.0 | 506.0 | 2417 | 3990 | 4318 | 3908 | 2401 |
| 74.0 | 207.3 | 256.8 | 264.8 | 285.6 | 331.8 | 1474 | 2988 | 3406 | 3192 | 1908 |
| 76.0 | 163.3 | 173.9 | 202.3 | 209.1 | 236.8 | 676.5 | 1952 | 2326 | 2237 | 1382 |
| 78.0 | 125.7 | 130.1 | 154.2 | 148.7 | 166.5 | 347.0 | 1241 | 1248 | 1247 | 862.6 |
| 80.0 | 88.15 | 93.52 | 112.2 | 106.6 | 122.8 | 245.3 | 532.4 | 592.6 | 643.8 | 493.3 |
| 82.0 | 51.59 | 61.50 | 70.15 | 69.01 | 79.29 | 143.8 | 275.1 | 352.7 | 377.6 | 243.5 |
| 84.0 | 25.43 | 35.38 | 37.22 | 39.43 | 43.72 | 76.33 | 141.2 | 113.8 | 112.4 | 138.2 |
| 86.0 | 11.58 | 16.74 | 16.91 | 18.29 | 19.29 | 29.87 | 57.07 | 39.65 | 29.91 | 33.83 |
| 88.0 | 4.248 | 5.718 | 5.545 | 5.890 | 5.923 | 7.722 | 10.73 | 11.25 | 11.12 | 11.80 |
| 90.0 | 2.059 | 2.146 | 2.280 | 2.458 | 2.968 | 3.988 | 5.794 | 7.980 | 9.713 | 10.74 |
| 92.0 | 2.418 | 2.494 | 2.633 | 2.882 | 3.484 | 4.713 | 6.761 | 9.252 | 11.41 | 12.58 |
| 94.0 | 2.865 | 2.946 | 3.101 | 3.408 | 4.119 | 5.524 | 7.846 | 10.60 | 13.15 | 14.48 |
| 96.0 | 3.362 | 3.443 | 3.625 | 3.974 | 4.801 | 6.403 | 8.972 | 11.97 | 14.88 | 16.36 |
| 98.0 | 3.907 | 3.987 | 4.187 | 4.586 | 5.511 | 7.311 | 10.13 | 13.34 | 16.60 | 18.18 |
| 100.0 | 4.474 | 4.541 | 4.759 | 5.213 | 6.271 | 8.235 | 11.28 | 14.71 | 18.21 | 19.93 |
| 102.0 | 5.041 | 5.113 | 5.348 | 5.858 | 7.036 | 9.172 | 12.42 | 16.01 | 19.67 | 21.42 |
| 104.0 | 5.620 | 5.702 | 5.963 | 6.543 | 7.825 | 10.09 | 13.52 | 17.26 | 20.95 | 22.62 |
| 106.0 | 6.245 | 6.323 | 6.591 | 7.231 | 8.597 | 11.02 | 14.58 | 18.45 | 22.02 | 23.62 |
| 108.0 | 6.887 | 6.959 | 7.236 | 7.945 | 9.377 | 11.90 | 15.57 | 19.55 | 22.98 | 24.49 |
| 110.0 | 7.536 | 7.597 | 7.886 | 8.661 | 10.17 | 12.75 | 16.42 | 20.49 | 23.77 | 25.20 |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Juan Castro
Test Date:2025-06-16

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:53.2-MIN:48.5%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

## Photometric Data Table [cd]

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 112.0 | 8.202 | 8.260 | 8.559 | 9.392 | 10.95 | 13.57 | 17.27 | 21.29 | 24.36 | 25.69 |
| 114.0 | 8.892 | 8.928 | 9.243 | 10.13 | 11.72 | 14.38 | 18.01 | 21.96 | 24.83 | 26.02 |
| 116.0 | 9.575 | 9.607 | 9.925 | 10.85 | 12.51 | 15.17 | 18.78 | 22.60 | 25.27 | 26.32 |
| 118.0 | 10.28 | 10.30 | 10.63 | 11.56 | 13.28 | 15.92 | 19.41 | 23.15 | 25.70 | 26.61 |
| 120.0 | 10.99 | 11.00 | 11.31 | 12.25 | 13.99 | 16.61 | 19.98 | 23.55 | 26.09 | 26.82 |
| 122.0 | 11.67 | 11.69 | 11.98 | 12.94 | 14.66 | 17.21 | 20.41 | 23.77 | 26.46 | 26.96 |
| 124.0 | 12.30 | 12.36 | 12.63 | 13.59 | 15.23 | 17.68 | 20.67 | 23.80 | 26.77 | 27.10 |
| 126.0 | 12.95 | 12.99 | 13.24 | 14.19 | 15.78 | 18.05 | 20.83 | 23.67 | 27.02 | 27.18 |
| 128.0 | 13.55 | 13.60 | 13.81 | 14.78 | 16.28 | 18.35 | 20.88 | 23.51 | 27.19 | 27.23 |
| 130.0 | 14.12 | 14.15 | 14.39 | 15.30 | 16.72 | 18.60 | 20.84 | 23.18 | 27.36 | 27.26 |
| 132.0 | 14.70 | 14.67 | 14.95 | 15.81 | 17.12 | 18.81 | 20.77 | 22.91 | 27.57 | 27.33 |
| 134.0 | 15.22 | 15.20 | 15.47 | 16.25 | 17.48 | 18.98 | 20.73 | 22.70 | 27.95 | 27.66 |
| 136.0 | 15.73 | 15.68 | 15.99 | 16.68 | 17.78 | 19.14 | 20.71 | 22.55 | 28.26 | 27.95 |
| 138.0 | 16.24 | 16.17 | 16.47 | 17.11 | 18.05 | 19.33 | 20.72 | 22.47 | 28.49 | 28.24 |
| 140.0 | 16.74 | 16.65 | 16.91 | 17.50 | 18.32 | 19.45 | 20.81 | 22.44 | 28.60 | 28.38 |
| 142.0 | 17.21 | 17.10 | 17.35 | 17.87 | 18.62 | 19.62 | 20.88 | 22.49 | 28.57 | 28.46 |
| 144.0 | 17.68 | 17.55 | 17.76 | 18.27 | 18.90 | 19.81 | 20.98 | 22.52 | 28.49 | 28.42 |
| 146.0 | 18.16 | 18.01 | 18.15 | 18.65 | 19.20 | 20.01 | 21.12 | 22.54 | 28.24 | 28.22 |
| 148.0 | 18.65 | 18.49 | 18.59 | 19.00 | 19.52 | 20.26 | 21.32 | 22.58 | 28.05 | 28.08 |
| 150.0 | 19.15 | 18.98 | 19.00 | 19.36 | 19.82 | 20.55 | 21.54 | 22.69 | 27.86 | 27.94 |
| 152.0 | 19.67 | 19.46 | 19.44 | 19.75 | 20.16 | 20.88 | 21.81 | 22.89 | 27.73 | 27.86 |
| 154.0 | 20.19 | 19.98 | 19.91 | 20.15 | 20.52 | 21.21 | 22.13 | 23.12 | 27.63 | 27.76 |
| 156.0 | 20.75 | 20.49 | 20.39 | 20.60 | 20.93 | 21.58 | 22.44 | 23.38 | 27.52 | 27.69 |
| 158.0 | 21.33 | 21.06 | 20.92 | 21.08 | 21.39 | 21.95 | 22.78 | 23.65 | 27.52 | 27.66 |
| 160.0 | 21.86 | 21.63 | 21.49 | 21.64 | 21.88 | 22.41 | 23.20 | 23.97 | 27.58 | 27.65 |
| 162.0 | 22.43 | 22.22 | 22.09 | 22.21 | 22.42 | 22.92 | 23.62 | 24.34 | 27.62 | 27.67 |
| 164.0 | 22.98 | 22.84 | 22.68 | 22.81 | 22.99 | 23.44 | 24.08 | 24.72 | 27.79 | 27.81 |
| 166.0 | 23.58 | 23.45 | 23.33 | 23.43 | 23.64 | 23.98 | 24.58 | 25.14 | 28.05 | 27.98 |
| 168.0 | 24.14 | 24.08 | 24.02 | 24.13 | 24.28 | 24.56 | 25.09 | 25.57 | 28.31 | 28.15 |
| 170.0 | 24.76 | 24.73 | 24.69 | 24.83 | 24.92 | 25.15 | 25.54 | 26.05 | 28.58 | 28.37 |
| 172.0 | 25.38 | 25.37 | 25.38 | 25.54 | 25.61 | 25.77 | 26.12 | 26.55 | 28.92 | 28.65 |
| 174.0 | 25.98 | 26.01 | 26.04 | 26.18 | 26.26 | 26.40 | 26.71 | 27.10 | 29.35 | 28.91 |
| 176.0 | 26.67 | 26.69 | 26.75 | 26.89 | 26.93 | 27.07 | 27.29 | 27.64 | 29.59 | 29.14 |
| 178.0 | 27.31 | 27.37 | 27.39 | 27.51 | 27.53 | 27.59 | 27.74 | 28.03 | 29.65 | 29.22 |
| 180.0 | 27.82 | 27.91 | 27.91 | 28.01 | 27.96 | 27.99 | 28.13 | 28.32 | 29.67 | 29.23 |

| G/C | 200.0 | 210.0 | 220.0 | 230.0 | 240.0 | 250.0 | 260.0 | 270.0 | 280.0 | 290.0 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 |
| 2.0 | 2956 | 2943 | 2942 | 2939 | 2932 | 2919 | 2921 | 2923 | 2926 | 2926 |
| 4.0 | 2948 | 2925 | 2911 | 2902 | 2894 | 2876 | 2871 | 2874 | 2879 | 2879 |
| 6.0 | 2938 | 2903 | 2888 | 2866 | 2851 | 2836 | 2830 | 2828 | 2831 | 2839 |
| 8.0 | 2928 | 2885 | 2865 | 2836 | 2812 | 2791 | 2781 | 2785 | 2784 | 2792 |
| 10.0 | 2926 | 2871 | 2840 | 2805 | 2775 | 2751 | 2741 | 2740 | 2744 | 2750 |
| 12.0 | 2923 | 2862 | 2817 | 2777 | 2741 | 2708 | 2693 | 2695 | 2702 | 2711 |
| 14.0 | 2923 | 2850 | 2798 | 2746 | 2703 | 2665 | 2657 | 2647 | 2656 | 2668 |
| 16.0 | 2921 | 2840 | 2769 | 2710 | 2667 | 2626 | 2608 | 2608 | 2610 | 2630 |
| 18.0 | 2927 | 2830 | 2752 | 2684 | 2629 | 2586 | 2567 | 2564 | 2565 | 2584 |
| 20.0 | 2932 | 2820 | 2726 | 2651 | 2595 | 2544 | 2520 | 2515 | 2519 | 2545 |
| 22.0 | 2946 | 2805 | 2705 | 2613 | 2547 | 2499 | 2476 | 2469 | 2472 | 2500 |
| 24.0 | 2952 | 2797 | 2676 | 2578 | 2504 | 2454 | 2431 | 2427 | 2434 | 2450 |
| 26.0 | 2957 | 2785 | 2646 | 2533 | 2461 | 2411 | 2389 | 2377 | 2390 | 2410 |
| 28.0 | 2971 | 2772 | 2613 | 2492 | 2418 | 2361 | 2343 | 2335 | 2341 | 2358 |
| 30.0 | 2984 | 2750 | 2574 | 2448 | 2369 | 2317 | 2295 | 2289 | 2296 | 2316 |
| 32.0 | 2988 | 2732 | 2535 | 2397 | 2317 | 2267 | 2245 | 2244 | 2249 | 2268 |
| 34.0 | 2992 | 2703 | 2482 | 2341 | 2263 | 2215 | 2196 | 2191 | 2196 | 2212 |
| 36.0 | 2997 | 2662 | 2433 | 2281 | 2205 | 2162 | 2141 | 2137 | 2147 | 2158 |
| 38.0 | 2999 | 2628 | 2374 | 2219 | 2144 | 2101 | 2083 | 2081 | 2087 | 2101 |
| 40.0 | 2992 | 2586 | 2309 | 2153 | 2078 | 2044 | 2027 | 2023 | 2029 | 2040 |
| 42.0 | 2984 | 2534 | 2236 | 2082 | 2018 | 1978 | 1967 | 1962 | 1965 | 1978 |
| 44.0 | 2970 | 2471 | 2160 | 2012 | 1947 | 1916 | 1904 | 1901 | 1905 | 1916 |
| 46.0 | 2952 | 2399 | 2079 | 1937 | 1879 | 1849 | 1839 | 1835 | 1835 | 1844 |
| 48.0 | 2933 | 2325 | 1994 | 1858 | 1803 | 1782 | 1770 | 1766 | 1769 | 1782 |
| 50.0 | 2903 | 2241 | 1904 | 1779 | 1730 | 1706 | 1698 | 1697 | 1697 | 1711 |
| 52.0 | 2870 | 2147 | 1814 | 1693 | 1652 | 1634 | 1621 | 1617 | 1622 | 1636 |
| 54.0 | 2826 | 2045 | 1713 | 1604 | 1568 | 1550 | 1533 | 1521 | 1532 | 1550 |
| 56.0 | 2779 | 1932 | 1612 | 1515 | 1474 | 1444 | 1418 | 1401 | 1417 | 1441 |
| 58.0 | 2718 | 1819 | 1506 | 1416 | 1364 | 1317 | 1294 | 1279 | 1295 | 1311 |
| 60.0 | 2636 | 1690 | 1397 | 1308 | 1236 | 1188 | 1175 | 1177 | 1179 | 1187 |
| 62.0 | 2523 | 1561 | 1283 | 1168 | 1102 | 1074 | 1081 | 1074 | 1082 | 1073 |
| 64.0 | 2380 | 1423 | 1158 | 1027 | 984.9 | 972.8 | 977.7 | 974.8 | 980.0 | 973.0 |
| 66.0 | 2206 | 1280 | 1007 | 896.0 | 878.5 | 866.1 | 864.3 | 863.5 | 868.1 | 866.1 |
| 68.0 | 1987 | 1114 | 849.9 | 782.4 | 765.1 | 748.1 | 720.6 | 680.0 | 713.5 | 747.1 |
| 70.0 | 1724 | 947.1 | 714.5 | 665.2 | 648.7 | 610.2 | 507.0 | 440.2 | 493.5 | 597.1 |
| 72.0 | 1419 | 757.8 | 593.3 | 546.7 | 525.6 | 438.5 | 293.2 | 254.2 | 283.0 | 413.4 |
| 74.0 | 1092 | 582.4 | 471.4 | 426.8 | 403.5 | 267.1 | 189.5 | 185.8 | 188.1 | 244.3 |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Juan Castro
Test Date:2025-06-16

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:53.2-MIN:48.5%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

## Photometric Data Table [cd]

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 76.0 | 773.4 | 433.1 | 330.9 | 291.1 | 279.9 | 160.3 | 145.7 | 143.5 | 144.9 | 153.1 |
| 78.0 | 468.7 | 292.8 | 156.8 | 150.3 | 176.2 | 116.6 | 105.8 | 103.1 | 105.5 | 106.9 |
| 80.0 | 304.4 | 149.3 | 92.65 | 86.89 | 100.8 | 73.04 | 68.50 | 61.37 | 67.63 | 71.20 |
| 82.0 | 140.2 | 67.37 | 56.16 | 50.49 | 47.88 | 36.87 | 29.44 | 23.19 | 27.64 | 34.44 |
| 84.0 | 43.34 | 33.22 | 29.72 | 25.45 | 19.41 | 12.31 | 6.576 | 1.915 | 5.706 | 10.95 |
| 86.0 | 20.41 | 16.10 | 13.80 | 9.814 | 6.784 | 3.999 | 2.241 | 0.9977 | 1.971 | 3.570 |
| 88.0 | 10.77 | 8.379 | 5.956 | 3.401 | 2.077 | 1.567 | 1.335 | 1.273 | 1.316 | 1.507 |
| 90.0 | 9.995 | 7.876 | 5.285 | 3.142 | 1.954 | 1.695 | 1.629 | 1.607 | 1.630 | 1.725 |
| 92.0 | 11.86 | 9.530 | 6.614 | 4.121 | 2.570 | 2.161 | 2.052 | 2.032 | 2.058 | 2.182 |
| 94.0 | 13.75 | 11.29 | 8.053 | 5.227 | 3.321 | 2.712 | 2.560 | 2.542 | 2.561 | 2.727 |
| 96.0 | 15.65 | 13.08 | 9.564 | 6.443 | 4.204 | 3.364 | 3.151 | 3.131 | 3.153 | 3.381 |
| 98.0 | 17.55 | 14.90 | 11.14 | 7.764 | 5.207 | 4.120 | 3.827 | 3.795 | 3.829 | 4.130 |
| 100.0 | 19.28 | 16.56 | 12.66 | 9.120 | 6.307 | 4.987 | 4.586 | 4.543 | 4.581 | 4.981 |
| 102.0 | 20.70 | 17.97 | 14.05 | 10.44 | 7.501 | 5.935 | 5.426 | 5.366 | 5.422 | 5.906 |
| 104.0 | 21.84 | 19.16 | 15.26 | 11.67 | 8.732 | 6.951 | 6.332 | 6.244 | 6.311 | 6.901 |
| 106.0 | 22.76 | 20.07 | 16.33 | 12.79 | 9.943 | 8.024 | 7.294 | 7.187 | 7.263 | 7.936 |
| 108.0 | 23.59 | 20.86 | 17.24 | 13.81 | 11.10 | 9.128 | 8.302 | 8.152 | 8.263 | 9.010 |
| 110.0 | 24.25 | 21.51 | 18.07 | 14.76 | 12.17 | 10.22 | 9.361 | 9.175 | 9.313 | 10.09 |
| 112.0 | 24.72 | 22.08 | 18.83 | 15.69 | 13.17 | 11.34 | 10.45 | 10.24 | 10.39 | 11.16 |
| 114.0 | 25.17 | 22.70 | 19.62 | 16.64 | 14.15 | 12.44 | 11.57 | 11.33 | 11.50 | 12.23 |
| 116.0 | 25.59 | 23.32 | 20.41 | 17.56 | 15.14 | 13.52 | 12.71 | 12.43 | 12.63 | 13.31 |
| 118.0 | 25.96 | 23.95 | 21.18 | 18.47 | 16.13 | 14.60 | 13.85 | 13.57 | 13.76 | 14.42 |
| 120.0 | 26.23 | 24.39 | 21.92 | 19.33 | 17.15 | 15.67 | 15.01 | 14.69 | 14.89 | 15.52 |
| 122.0 | 26.39 | 24.71 | 22.54 | 20.20 | 18.16 | 16.74 | 16.11 | 15.79 | 16.01 | 16.62 |
| 124.0 | 26.35 | 24.81 | 22.93 | 20.97 | 19.14 | 17.80 | 17.25 | 16.93 | 17.15 | 17.74 |
| 126.0 | 26.27 | 24.75 | 23.17 | 21.63 | 20.04 | 18.87 | 18.31 | 18.01 | 18.25 | 18.87 |
| 128.0 | 26.11 | 24.53 | 23.33 | 22.13 | 20.85 | 19.88 | 19.32 | 19.05 | 19.28 | 19.97 |
| 130.0 | 25.88 | 24.38 | 23.42 | 22.52 | 21.51 | 20.75 | 20.27 | 20.02 | 20.29 | 21.01 |
| 132.0 | 25.77 | 24.27 | 23.42 | 22.80 | 22.10 | 21.54 | 21.17 | 21.00 | 21.22 | 21.95 |
| 134.0 | 25.88 | 24.28 | 23.46 | 23.00 | 22.62 | 22.20 | 21.97 | 21.83 | 22.05 | 22.80 |
| 136.0 | 26.10 | 24.41 | 23.51 | 23.20 | 23.07 | 22.74 | 22.67 | 22.56 | 22.82 | 23.60 |
| 138.0 | 26.41 | 24.66 | 23.72 | 23.47 | 23.44 | 23.28 | 23.30 | 23.27 | 23.51 | 24.33 |
| 140.0 | 26.76 | 24.97 | 24.00 | 23.73 | 23.76 | 23.69 | 23.82 | 23.88 | 24.15 | 24.92 |
| 142.0 | 27.04 | 25.28 | 24.32 | 24.07 | 23.99 | 24.04 | 24.26 | 24.41 | 24.67 | 25.42 |
| 144.0 | 27.25 | 25.60 | 24.73 | 24.46 | 24.29 | 24.31 | 24.63 | 24.85 | 25.16 | 25.86 |
| 146.0 | 27.27 | 25.86 | 25.10 | 24.72 | 24.54 | 24.59 | 24.96 | 25.22 | 25.53 | 26.25 |
| 148.0 | 27.38 | 26.24 | 25.49 | 25.06 | 24.80 | 24.91 | 25.26 | 25.58 | 25.88 | 26.61 |
| 150.0 | 27.44 | 26.50 | 25.83 | 25.39 | 25.11 | 25.23 | 25.57 | 25.82 | 26.19 | 26.85 |
| 152.0 | 27.48 | 26.76 | 26.11 | 25.71 | 25.44 | 25.53 | 25.85 | 26.09 | 26.41 | 27.10 |
| 154.0 | 27.52 | 26.91 | 26.39 | 26.04 | 25.80 | 25.87 | 26.17 | 26.34 | 26.68 | 27.29 |
| 156.0 | 27.49 | 27.04 | 26.66 | 26.39 | 26.15 | 26.19 | 26.43 | 26.64 | 26.91 | 27.46 |
| 158.0 | 27.55 | 27.20 | 26.93 | 26.75 | 26.52 | 26.58 | 26.79 | 26.93 | 27.18 | 27.65 |
| 160.0 | 27.54 | 27.31 | 27.12 | 27.00 | 26.87 | 26.88 | 27.06 | 27.21 | 27.41 | 27.81 |
| 162.0 | 27.59 | 27.40 | 27.23 | 27.19 | 27.09 | 27.14 | 27.29 | 27.39 | 27.58 | 27.92 |
| 164.0 | 27.72 | 27.63 | 27.48 | 27.49 | 27.43 | 27.47 | 27.57 | 27.72 | 27.87 | 28.11 |
| 166.0 | 27.93 | 27.86 | 27.76 | 27.76 | 27.76 | 27.79 | 27.88 | 27.99 | 28.10 | 28.31 |
| 168.0 | 28.07 | 28.01 | 27.97 | 27.96 | 28.00 | 28.01 | 28.12 | 28.19 | 28.29 | 28.42 |
| 170.0 | 28.25 | 28.18 | 28.12 | 28.18 | 28.14 | 28.10 | 28.17 | 28.27 | 28.33 | 28.44 |
| 172.0 | 28.46 | 28.38 | 28.35 | 28.27 | 28.28 | 28.24 | 28.28 | 28.34 | 28.41 | 28.49 |
| 174.0 | 28.71 | 28.53 | 28.42 | 28.38 | 28.36 | 28.29 | 28.32 | 28.39 | 28.41 | 28.52 |
| 176.0 | 28.84 | 28.55 | 28.46 | 28.40 | 28.34 | 28.25 | 28.25 | 28.29 | 28.32 | 28.42 |
| 178.0 | 28.87 | 28.58 | 28.42 | 28.31 | 28.20 | 28.12 | 28.05 | 28.06 | 28.13 | 28.22 |
| 180.0 | 28.88 | 28.51 | 28.29 | 28.14 | 28.02 | 27.88 | 27.79 | 27.77 | 27.80 | 27.90 |

| G/C | 300.0 | 310.0 | 320.0 | 330.0 | 340.0 | 350.0 |
|---|---|---|---|---|---|---|
| 0.0 | 2972 | 2972 | 2972 | 2972 | 2972 | 2972 |
| 2.0 | 2929 | 2936 | 2938 | 2947 | 2962 | 2966 |
| 4.0 | 2884 | 2898 | 2906 | 2920 | 2943 | 2958 |
| 6.0 | 2845 | 2864 | 2877 | 2904 | 2929 | 2957 |
| 8.0 | 2811 | 2833 | 2849 | 2886 | 2919 | 2955 |
| 10.0 | 2766 | 2801 | 2826 | 2868 | 2917 | 2965 |
| 12.0 | 2730 | 2762 | 2801 | 2845 | 2908 | 2967 |
| 14.0 | 2694 | 2736 | 2777 | 2838 | 2907 | 2979 |
| 16.0 | 2656 | 2703 | 2752 | 2823 | 2906 | 2997 |
| 18.0 | 2618 | 2666 | 2725 | 2811 | 2906 | 3010 |
| 20.0 | 2579 | 2635 | 2701 | 2795 | 2910 | 3028 |
| 22.0 | 2530 | 2598 | 2672 | 2781 | 2908 | 3052 |
| 24.0 | 2488 | 2559 | 2644 | 2764 | 2918 | 3078 |
| 26.0 | 2444 | 2518 | 2609 | 2750 | 2920 | 3103 |
| 28.0 | 2397 | 2469 | 2574 | 2730 | 2924 | 3134 |
| 30.0 | 2346 | 2427 | 2534 | 2707 | 2934 | 3169 |
| 32.0 | 2301 | 2374 | 2491 | 2685 | 2935 | 3197 |
| 34.0 | 2244 | 2322 | 2448 | 2654 | 2934 | 3230 |
| 36.0 | 2184 | 2259 | 2389 | 2618 | 2927 | 3265 |
| 38.0 | 2126 | 2201 | 2332 | 2569 | 2913 | 3295 |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Juan Castro
Test Date:2025-06-16

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:53.2-MIN:48.5%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

## Photometric Data Table [cd]

| | | | | | | |
|---|---|---|---|---|---|---|
| 40.0 | 2068 | 2138 | 2264 | 2519 | 2903 | 3327 |
| 42.0 | 1999 | 2066 | 2196 | 2462 | 2884 | 3356 |
| 44.0 | 1931 | 1992 | 2121 | 2396 | 2859 | 3385 |
| 46.0 | 1868 | 1917 | 2041 | 2322 | 2827 | 3411 |
| 48.0 | 1793 | 1842 | 1959 | 2237 | 2793 | 3440 |
| 50.0 | 1717 | 1762 | 1870 | 2148 | 2749 | 3483 |
| 52.0 | 1640 | 1674 | 1775 | 2047 | 2704 | 3522 |
| 54.0 | 1554 | 1591 | 1680 | 1938 | 2650 | 3549 |
| 56.0 | 1467 | 1501 | 1583 | 1824 | 2593 | 3581 |
| 58.0 | 1352 | 1402 | 1477 | 1706 | 2518 | 3594 |
| 60.0 | 1219 | 1290 | 1370 | 1581 | 2432 | 3592 |
| 62.0 | 1089 | 1151 | 1257 | 1453 | 2327 | 3557 |
| 64.0 | 977.9 | 1012 | 1131 | 1323 | 2198 | 3471 |
| 66.0 | 870.2 | 886.9 | 978.5 | 1182 | 2036 | 3316 |
| 68.0 | 757.8 | 774.6 | 828.1 | 1041 | 1840 | 3058 |
| 70.0 | 640.8 | 657.5 | 702.2 | 876.3 | 1603 | 2696 |
| 72.0 | 517.1 | 539.3 | 581.4 | 702.8 | 1323 | 2265 |
| 74.0 | 392.9 | 420.3 | 460.2 | 554.3 | 1022 | 1793 |
| 76.0 | 279.8 | 288.5 | 314.9 | 414.3 | 717.8 | 1301 |
| 78.0 | 167.1 | 152.8 | 148.6 | 276.1 | 436.4 | 820.8 |
| 80.0 | 96.06 | 84.63 | 90.79 | 131.5 | 282.9 | 472.5 |
| 82.0 | 43.50 | 47.93 | 54.13 | 62.78 | 129.6 | 232.2 |
| 84.0 | 17.24 | 23.15 | 27.57 | 31.46 | 42.05 | 130.2 |
| 86.0 | 5.821 | 8.385 | 12.09 | 14.67 | 19.24 | 28.66 |
| 88.0 | 1.801 | 2.689 | 4.630 | 6.985 | 9.330 | 10.57 |
| 90.0 | 1.966 | 3.014 | 4.956 | 7.506 | 9.741 | 10.86 |
| 92.0 | 2.560 | 3.920 | 6.177 | 9.079 | 11.56 | 12.73 |
| 94.0 | 3.281 | 4.950 | 7.505 | 10.72 | 13.42 | 14.65 |
| 96.0 | 4.123 | 6.081 | 8.910 | 12.42 | 15.26 | 16.57 |
| 98.0 | 5.081 | 7.304 | 10.38 | 14.11 | 17.11 | 18.46 |
| 100.0 | 6.118 | 8.585 | 11.83 | 15.71 | 18.82 | 20.27 |
| 102.0 | 7.253 | 9.853 | 13.18 | 17.12 | 20.30 | 21.83 |
| 104.0 | 8.452 | 11.09 | 14.42 | 18.30 | 21.52 | 23.08 |
| 106.0 | 9.612 | 12.23 | 15.51 | 19.35 | 22.51 | 24.22 |
| 108.0 | 10.77 | 13.33 | 16.49 | 20.22 | 23.42 | 25.17 |
| 110.0 | 11.87 | 14.35 | 17.42 | 20.99 | 24.18 | 25.94 |
| 112.0 | 12.94 | 15.37 | 18.29 | 21.77 | 24.83 | 26.56 |
| 114.0 | 13.95 | 16.38 | 19.16 | 22.52 | 25.46 | 27.02 |
| 116.0 | 14.96 | 17.40 | 20.12 | 23.36 | 26.07 | 27.48 |
| 118.0 | 15.98 | 18.42 | 21.15 | 24.25 | 26.73 | 27.86 |
| 120.0 | 17.02 | 19.43 | 22.19 | 25.19 | 27.37 | 28.20 |
| 122.0 | 18.10 | 20.47 | 23.28 | 26.08 | 27.97 | 28.41 |
| 124.0 | 19.16 | 21.57 | 24.31 | 26.92 | 28.36 | 28.50 |
| 126.0 | 20.22 | 22.61 | 25.21 | 27.61 | 28.77 | 28.44 |
| 128.0 | 21.27 | 23.64 | 26.14 | 28.22 | 28.98 | 28.35 |
| 130.0 | 22.25 | 24.54 | 26.96 | 28.73 | 29.21 | 28.24 |
| 132.0 | 23.19 | 25.40 | 27.69 | 29.29 | 29.40 | 28.14 |
| 134.0 | 24.06 | 26.12 | 28.43 | 29.77 | 29.75 | 28.17 |
| 136.0 | 24.86 | 26.82 | 29.02 | 30.17 | 30.04 | 28.29 |
| 138.0 | 25.58 | 27.49 | 29.50 | 30.43 | 30.24 | 28.37 |
| 140.0 | 26.19 | 28.07 | 29.74 | 30.61 | 30.37 | 28.44 |
| 142.0 | 26.68 | 28.52 | 29.93 | 30.71 | 30.37 | 28.46 |
| 144.0 | 27.10 | 28.88 | 30.03 | 30.64 | 30.27 | 28.42 |
| 146.0 | 27.45 | 29.12 | 30.07 | 30.58 | 30.03 | 28.30 |
| 148.0 | 27.74 | 29.18 | 30.08 | 30.45 | 29.90 | 28.20 |
| 150.0 | 27.92 | 29.23 | 30.03 | 30.27 | 29.69 | 28.16 |
| 152.0 | 28.06 | 29.21 | 29.94 | 30.12 | 29.54 | 28.15 |
| 154.0 | 28.12 | 29.15 | 29.76 | 29.92 | 29.43 | 28.16 |
| 156.0 | 28.20 | 29.04 | 29.57 | 29.73 | 29.20 | 28.16 |
| 158.0 | 28.24 | 28.94 | 29.41 | 29.53 | 29.09 | 28.14 |
| 160.0 | 28.32 | 28.86 | 29.15 | 29.30 | 28.90 | 28.12 |
| 162.0 | 28.33 | 28.73 | 28.93 | 28.99 | 28.68 | 28.03 |
| 164.0 | 28.39 | 28.72 | 28.76 | 28.84 | 28.63 | 28.09 |
| 166.0 | 28.52 | 28.76 | 28.71 | 28.71 | 28.62 | 28.16 |
| 168.0 | 28.57 | 28.73 | 28.64 | 28.57 | 28.56 | 28.20 |
| 170.0 | 28.53 | 28.68 | 28.57 | 28.49 | 28.46 | 28.25 |
| 172.0 | 28.51 | 28.63 | 28.57 | 28.47 | 28.47 | 28.40 |
| 174.0 | 28.55 | 28.61 | 28.49 | 28.48 | 28.48 | 28.49 |
| 176.0 | 28.40 | 28.45 | 28.39 | 28.39 | 28.44 | 28.51 |
| 178.0 | 28.21 | 28.28 | 28.20 | 28.19 | 28.36 | 28.46 |
| 180.0 | 27.90 | 28.01 | 27.96 | 28.03 | 28.13 | 28.34 |

**C Range: 0 - 360DEG**
**C Interval: 10.0DEG**
**Test Speed: HIGH**
**Temperature:25±1°CDEG**
**Operators:Juan Castro**
**Test Date:2025-06-16**

**γ Range: 0 - 180DEG**
**γ Interval: 2.0DEG**
**Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10**
**Humidity:MAX:53.2-MIN:48.5%**
**Test Distance:7.080m [K=1.0000]**
**Remarks: ANEXO 25-0175-4-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G**