ANEXO 25-0175-3-A VIALIT II 100W 72 LED 80W

DRIVER MOSO X6E-100143-G

SPD ZYS-P10WD



Light Output Ratio:	100.0%		
Luminaire Power:	79.89 W		
I80 =	51.6 cd per klm.	I88 =	0.9 cd per klm.
I90 =	0.9 cd per klm.	I80/I88 =	55.127

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

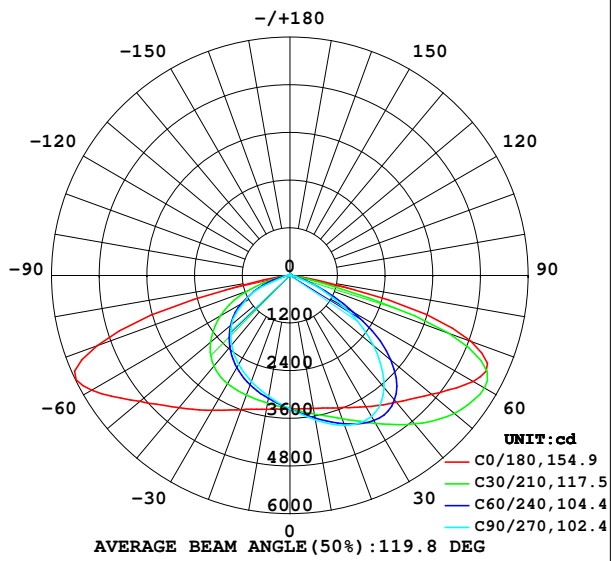
γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

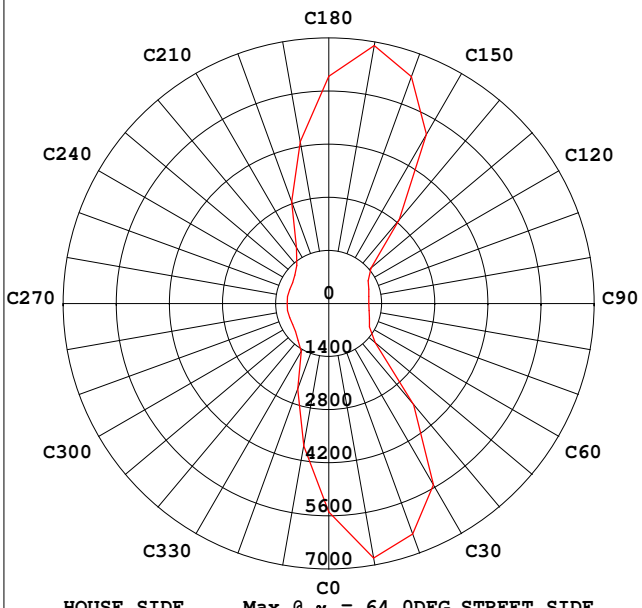
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 181.24 lm/W	
MODEL	--	Imax(cd)	6905	η street_up(%)	0.4
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	59.9
RATED VOLTAGE(V)	----	TOTAL FLUX(lm)	14480	η house_up(%)	0.5
NOMINAL FLUX(lm)	14479.8	MAXIMUM @(C,γ)	170,64.0	η house_down(%)	39.2
LAMPS INSIDE	1	η up(%)	0.8	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	99.2	SLI	

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



AVERAGE BEAM ANGLE(50%):119.8 DEG

MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



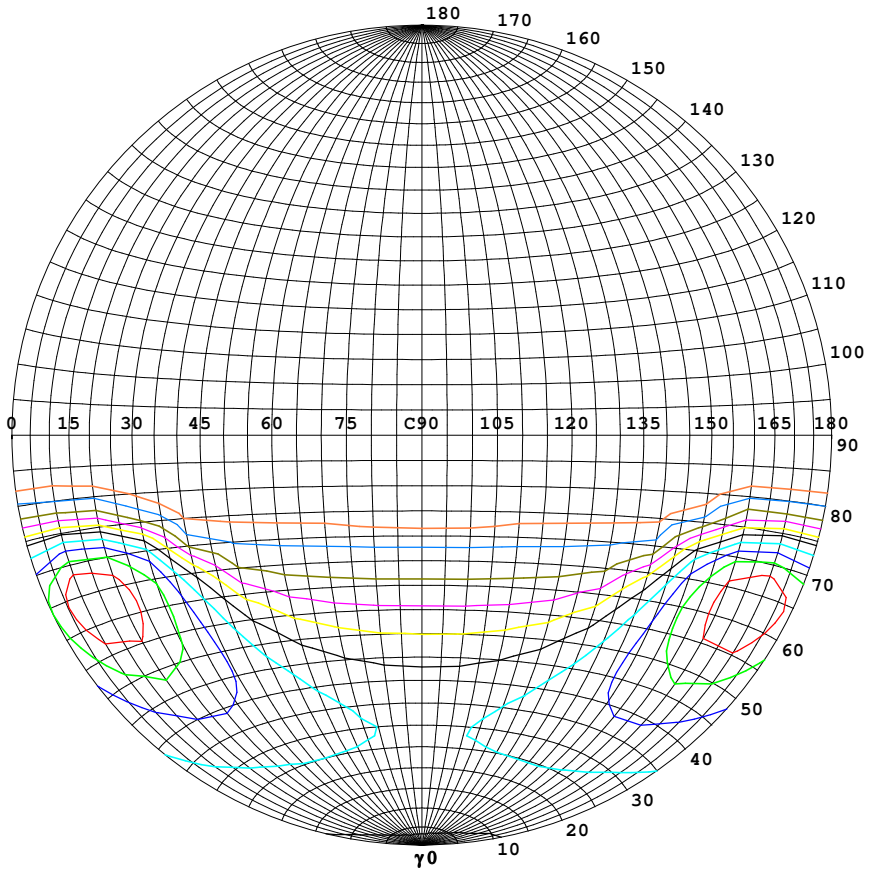
HOUSE SIDE Max @ γ = 64.0DEG STREET SIDE

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



Classification:

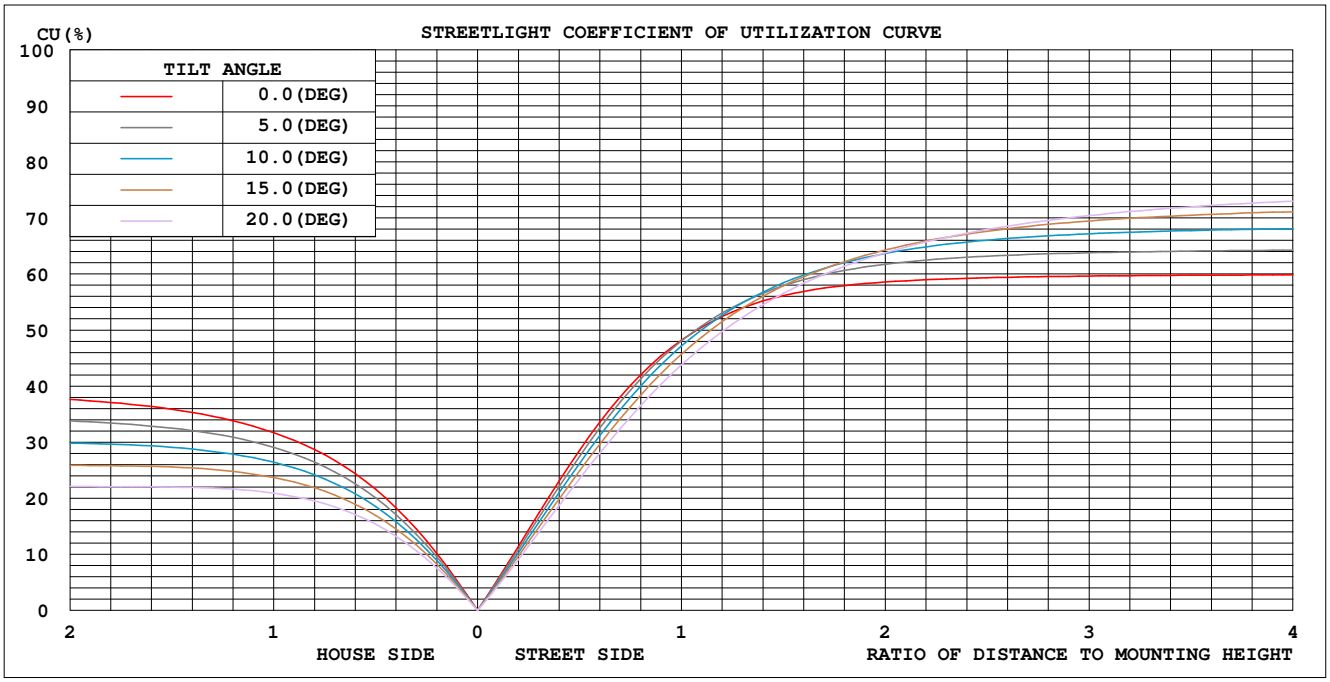
IES:Type II - Short
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:51.63cd/klm
Max.At90:0.8805cd/klm
Max.80-90:51.63cd/klm
NRB 5101:Semi limited[18.4%]

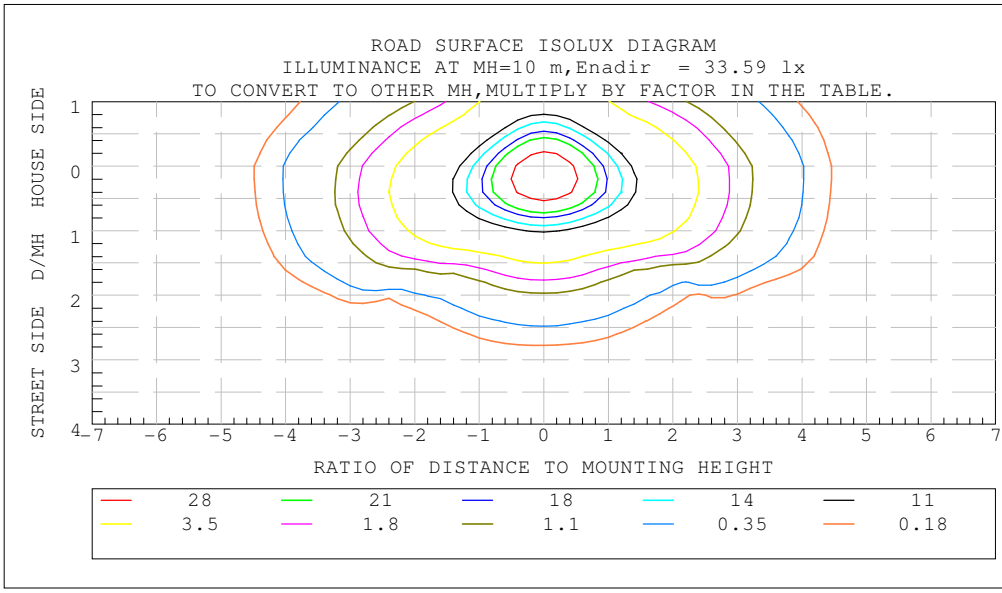
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6905
90%	6215
80%	5524
70%	4834
60%	4143
50%	3453
40%	2762
30%	2072
20%	1381
10%	691
5%	345

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM





According to LB/T001-2008:
U = Emin/Eavg = 0.422
Eavg = 36.10 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
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

ZONAL FLUX DIAGRAM

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

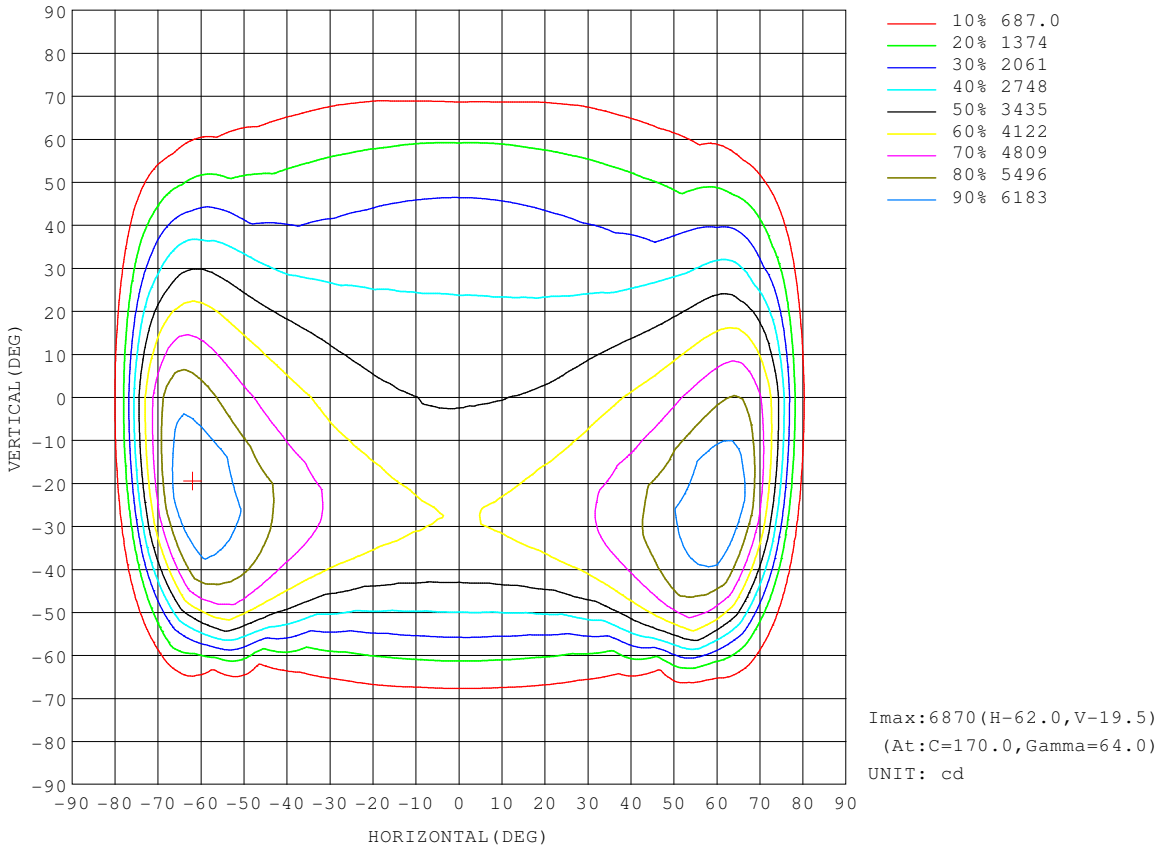
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3395	3602	3689	3617	3421	3197	3094	3180	0- 10	322.7	322.7	2.23,2.23
20	3548	3930	4018	3964	3604	3053	2845	3009	10- 20	977.4	1300	8.98,8.98
30	3821	4318	4102	4363	3919	2863	2588	2796	20- 30	1643	2943	20.3,20.3
40	4169	4563	3685	4555	4343	2545	2288	2481	30- 40	2262	5205	35.9,35.9
50	4659	4354	2746	4241	4932	2098	1918	2045	40- 50	2709	7914	54.7,54.7
60	5332	3343	1544	3038	5771	1536	1319	1499	50- 60	2867	10781	74.5,74.5
70	4843	971.4	479.6	748.1	5166	780.4	496.4	766.8	60- 70	2473	13254	91.5,91.5
80	747.5	129.2	98.17	127.0	680.0	98.63	69.20	99.74	70- 80	1030	14284	98.6,98.6
90	12.75	3.543	2.231	3.022	10.81	5.171	1.827	4.328	80- 90	73.33	14357	99.2,99.2
100	21.33	7.227	5.017	6.410	20.26	12.97	5.140	11.25	90-100	8.939	14366	99.2,99.2
110	27.37	11.52	8.487	10.54	26.52	19.16	10.37	17.67	100-110	14.69	14381	99.3,99.3
120	30.47	15.75	12.45	14.70	29.31	23.80	16.58	23.31	110-120	18.43	14399	99.4,99.4
130	31.60	19.48	16.13	18.01	30.83	26.17	22.64	28.92	120-130	20.15	14419	99.6,99.6
140	30.78	22.26	19.25	20.19	32.25	27.16	26.96	32.53	130-140	19.43	14439	99.7,99.7
150	29.72	24.65	21.99	22.12	31.47	29.11	29.19	33.44	140-150	16.85	14455	99.8,99.8
160	29.97	27.11	25.05	24.56	31.22	30.66	30.72	32.77	150-160	13.02	14468	99.9,99.9
170	31.75	29.77	28.16	28.12	32.34	31.83	31.90	32.37	160-170	8.408	14477	100,100
180	33.60	31.94	31.40	31.65	33.57	31.96	31.39	31.66	170-180	2.979	14480	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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

ISOCANDELA DIAGRAM

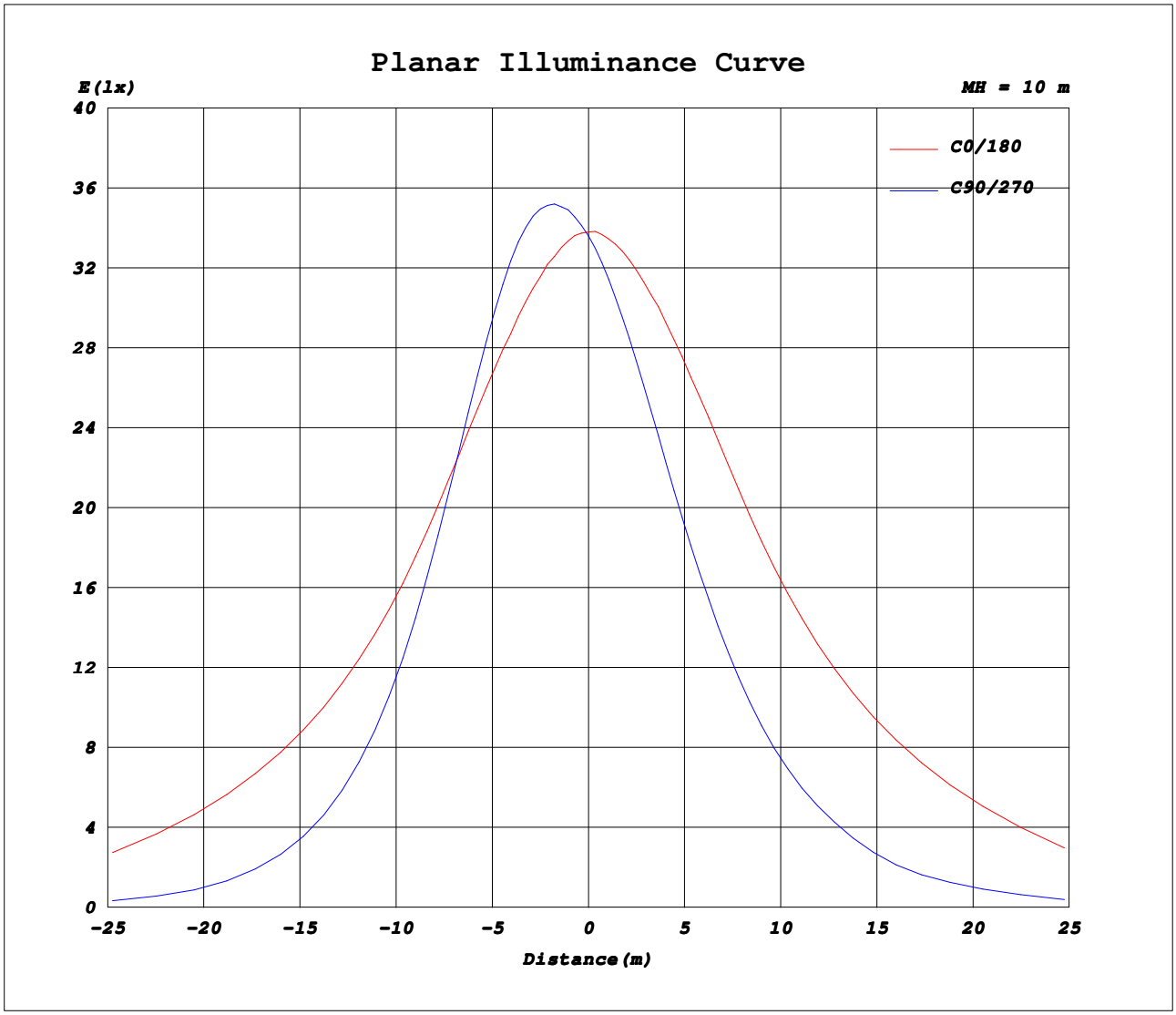
Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

Planar Illuminance Curve



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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

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** **ROY ALPHA S.A** **CALLE 15 No 32-598** **Acopi Yumbo**
Special Notes:	**EQUIPOS UTILIZADOS** **Fotogoniómetro EQEN-023** **Fuente de tensión INCO-011** **Luxometro INME-039** **Flexometro INME-041** **Analizador de potencia INME-014** **Controlador de Temperatura INME-046** **Datalogger INME-021-2** **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: 0:10':00"
Tiempo de ensayo: 0:30':59"

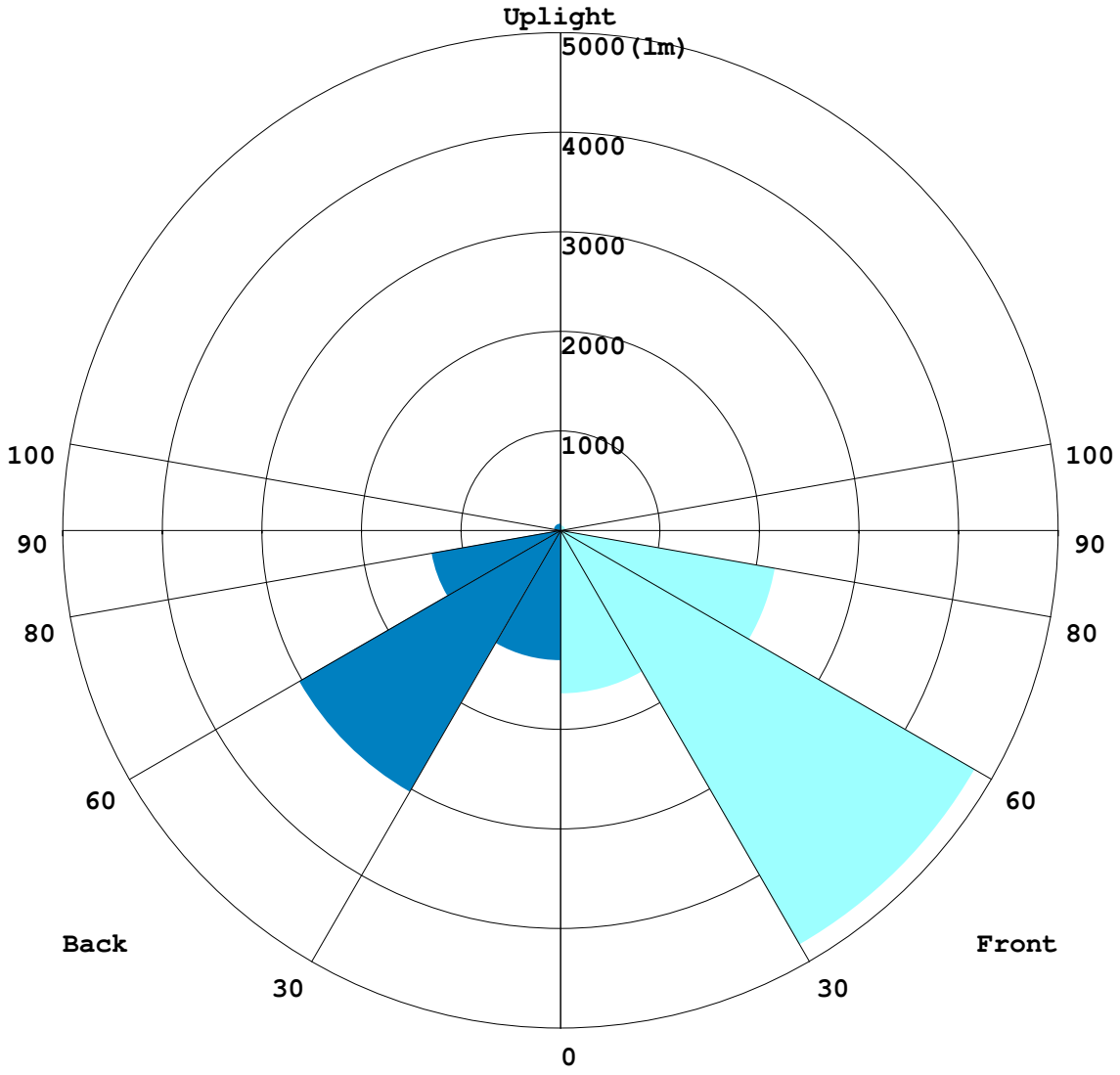
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Juan Castro
Test Date:2025-06-16

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

LCS REPORT

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
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
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

BUG REPORT

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1638.1	11.3
FM - Front-Medium(30-60)	4806.2	33.2
FH - Front-High(60-80)	2188.3	15.1
FVH - Front-Very High(80-90)	44.035	0.3
Total Forward Light	8729.8	60.3

BL - Back-Low(0-30)	1304.7	9.0
BM - Back-Medium(30-60)	3032.1	20.9
BH - Back-High(60-80)	1314.1	9.1
BVH - Back-Very High(80-90)	29.29	0.2
Total Back Light	5750	39.7

UL - Uplight-Low(90-100)	8.9391	0.1
UH - Uplight-High(100-180)	113.96	0.8
Total Up Light	122.9	0.8

BUG(Back,Up,Glare) Rating	B3-U3-G3

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5680.3	69.697	5750
Street Side	8676.6	53.205	8729.8

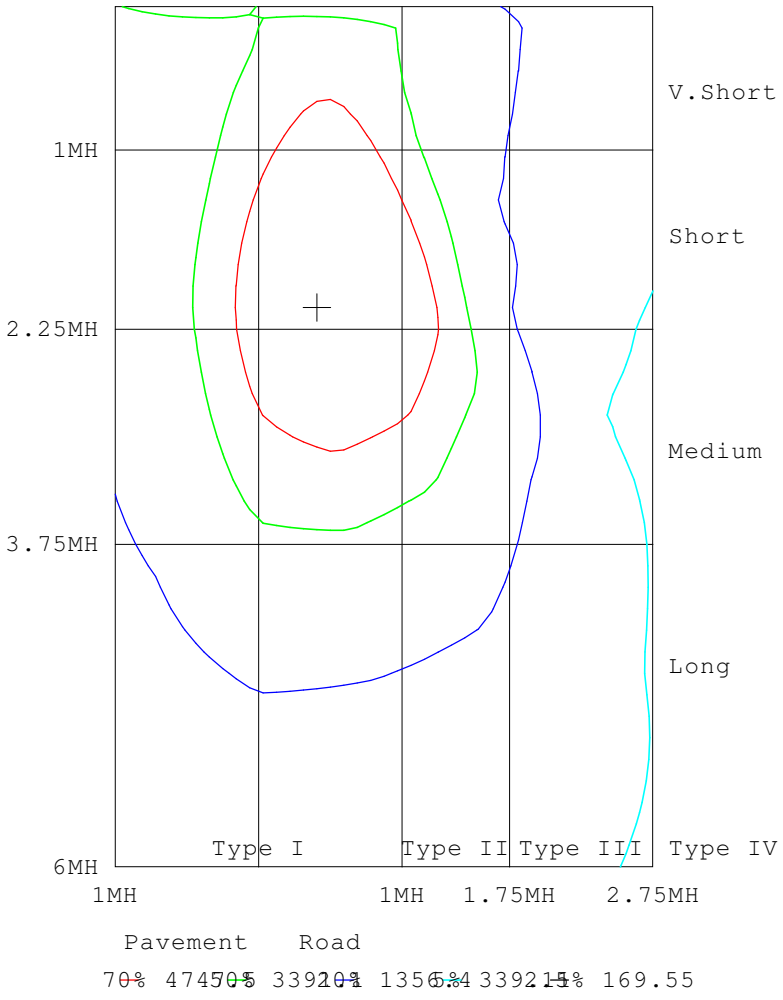
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Juan Castro
Test Date:2025-06-16

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

ROAD ISOCANDELA REPORT

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

ROAD SURFACE ISOCANDELA DIAGRAM



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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
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	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363
5	3370	3388	3411	3418	3446	3454	3469	3478	3481	3484	3482	3466	3469	3456	3449	3427	3417	3390	3375
10	3395	3451	3498	3544	3583	3621	3641	3673	3688	3689	3683	3672	3650	3628	3606	3556	3524	3471	3421
15	3439	3514	3589	3643	3699	3735	3771	3808	3820	3830	3830	3806	3788	3757	3726	3671	3622	3551	3474
20	3548	3658	3766	3838	3912	3948	3975	3997	4014	4018	4015	4006	3990	3973	3956	3889	3818	3708	3604
25	3643	3783	3915	3999	4077	4096	4092	4103	4093	4092	4094	4102	4124	4128	4132	4068	3982	3850	3708
30	3821	4017	4193	4303	4341	4296	4217	4165	4122	4102	4116	4160	4234	4326	4401	4379	4291	4117	3919
35	3950	4209	4417	4522	4519	4388	4238	4123	4034	4005	4025	4104	4237	4403	4552	4603	4529	4332	4083
40	4169	4525	4818	4874	4715	4412	4095	3887	3735	3685	3713	3844	4065	4389	4722	4941	4951	4694	4343
45	4337	4789	5135	5110	4775	4313	3876	3587	3407	3353	3383	3533	3820	4258	4750	5140	5268	4991	4556
50	4659	5320	5705	5410	4748	3961	3317	2977	2791	2746	2767	2920	3228	3837	4646	5360	5784	5572	4932
55	4917	5808	6093	5537	4628	3542	2807	2463	2313	2287	2298	2415	2692	3361	4422	5448	6122	6056	5261
60	5332	6565	6481	5663	4158	2528	1838	1638	1550	1544	1542	1607	1763	2308	3770	5441	6419	6766	5771
65	5497	6813	6464	5522	3482	1607	1238	1142	1087	1054	1076	1125	1202	1458	2891	5152	6371	6905	5992
70	4843	5720	5494	4238	1290	653	568	537	498	480	489	529	556	626	871	3607	5311	5681	5166
75	3586	3914	3576	2069	409	328	298	280	235	242	233	286	297	319	367	1477	3302	3832	3650
80	748	657	598	300	140	118	125	106	98.9	98.2	99.2	104	125	120	134	252	581	660	680
85	133	116	162	95.3	49.9	42.5	41.1	39.5	33.7	12.3	26.6	39.7	41.3	44.4	47.8	81.2	156	133	109
90	12.7	10.8	8.20	5.69	4.03	3.05	2.69	2.47	2.35	2.23	2.32	2.42	2.56	2.75	3.29	4.40	6.37	8.82	10.8
95	16.2	13.8	10.6	7.60	5.49	4.21	3.68	3.43	3.29	3.20	3.23	3.31	3.50	3.81	4.61	6.11	8.67	11.7	14.6
100	21.3	18.3	14.5	10.8	8.08	6.38	5.58	5.22	5.07	5.02	5.06	5.11	5.36	5.82	7.00	9.13	12.5	16.3	20.3
105	24.1	21.0	16.9	12.9	9.92	7.97	7.01	6.57	6.39	6.31	6.35	6.43	6.72	7.31	8.74	11.2	15.0	19.2	23.3
110	27.4	24.3	20.0	15.8	12.6	10.5	9.27	8.70	8.54	8.49	8.52	8.56	8.89	9.70	11.4	14.2	18.3	22.8	26.5
115	28.9	25.8	21.7	17.6	14.4	12.1	10.8	10.2	10.1	10.0	10.0	10.1	10.4	11.3	13.2	16.0	20.1	24.5	27.7
120	30.5	27.8	24.1	20.2	16.9	14.6	13.2	12.6	12.5	12.4	12.4	12.4	12.8	13.7	15.7	18.5	22.3	26.3	29.3
125	31.2	29.0	25.5	21.7	18.5	16.2	14.9	14.2	14.1	14.0	13.9	13.9	14.2	15.2	17.1	19.8	23.1	26.6	30.1
130	31.6	29.9	26.9	23.5	20.6	18.4	17.1	16.5	16.3	16.1	16.0	16.0	16.2	17.2	18.8	20.9	23.4	26.1	30.8
135	31.3	29.9	27.4	24.4	21.7	19.7	18.4	17.9	17.6	17.5	17.2	17.1	17.5	18.3	19.7	21.4	23.3	25.5	31.5
140	30.8	29.6	27.7	25.3	23.1	21.4	20.3	19.7	19.4	19.2	18.9	18.8	19.1	19.7	20.7	21.9	23.4	25.3	32.2
145	30.3	29.3	27.7	25.8	24.0	22.5	21.5	20.9	20.5	20.4	20.0	19.8	20.0	20.6	21.3	22.3	23.6	25.3	32.1
150	29.7	28.9	27.8	26.6	25.3	24.0	23.1	22.6	22.2	22.0	21.7	21.4	21.5	21.8	22.4	23.1	24.3	25.6	31.5
155	29.6	29.1	28.3	27.3	26.2	25.0	24.2	23.8	23.5	23.2	22.9	22.6	22.5	22.7	23.2	23.9	25.0	26.1	31.2
160	30.0	29.7	29.3	28.5	27.6	26.6	26.0	25.7	25.4	25.0	24.7	24.4	24.3	24.4	24.7	25.3	26.2	27.0	31.2
165	30.6	30.5	30.1	29.4	28.6	27.8	27.3	27.0	26.6	26.2	26.0	25.8	25.7	25.7	26.0	26.5	27.2	27.8	31.5
170	31.8	31.8	31.5	30.7	30.1	29.5	29.0	28.8	28.4	28.2	28.0	27.9	27.9	28.0	28.2	28.4	28.9	29.3	32.3
175	32.7	32.8	32.1	31.5	31.0	30.5	30.1	29.9	29.7	29.5	29.4	29.3	29.4	29.5	29.8	29.9	30.1	30.5	33.2
180	33.6	33.1	32.7	32.4	32.1	31.8	31.6	31.6	31.5	31.4	31.4	31.5	31.5	31.6	31.7	31.7	31.7	31.9	33.6

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.05V I:0.3721A P:79.892W PF:0.9756 Freq:60.01Hz Lamp Flux:14479.8x1 lm		
NAME: ANEXO 25-0175-3-A VIALIT II 100W 72 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:72 LED 80W	DIM.: ----	SERIAL No.:25-0175-3
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	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363		
5	3355	3336	3311	3299	3279	3266	3263	3251	3252	3251	3250	3256	3271	3293	3307	3330	3347		
10	3367	3320	3264	3218	3176	3142	3126	3104	3094	3100	3106	3130	3158	3201	3242	3294	3340		
15	3393	3319	3242	3170	3108	3064	3033	3009	2995	3000	3016	3043	3081	3145	3204	3284	3362		
20	3466	3342	3211	3104	3002	2932	2891	2853	2845	2852	2870	2907	2964	3055	3154	3283	3409		
25	3543	3366	3189	3046	2925	2840	2785	2758	2741	2749	2766	2811	2878	2989	3112	3283	3461		
30	3674	3406	3145	2945	2781	2686	2632	2603	2588	2589	2610	2655	2727	2866	3053	3293	3559		
35	3782	3439	3102	2842	2660	2561	2518	2493	2474	2479	2499	2536	2611	2762	2985	3293	3622		
40	3928	3451	2979	2641	2448	2357	2320	2300	2288	2291	2303	2333	2406	2555	2828	3252	3715		
45	4034	3439	2853	2471	2283	2205	2174	2157	2150	2149	2162	2183	2245	2391	2682	3187	3781		
50	4213	3391	2614	2180	2016	1953	1936	1923	1918	1917	1928	1941	1983	2107	2395	3059	3875		
55	4342	3328	2398	1959	1817	1770	1759	1737	1717	1726	1754	1760	1791	1893	2158	2936	3941		
60	4462	3136	2012	1592	1481	1396	1347	1333	1319	1333	1335	1375	1452	1546	1760	2673	3963		
65	4334	2861	1705	1319	1171	1110	1102	1107	1102	1108	1100	1106	1148	1270	1467	2399	3818		
70	3382	2070	1135	811	750	728	695	582	496	549	668	724	742	792	961	1746	2946		
75	2293	1303	696	532	479	455	321	215	210	212	263	440	472	519	613	1115	1941		
80	578	322	185	102	95.5	113	82.1	77.6	69.2	75.8	80.0	106	96.5	103	138	288	514		
85	158	52.4	36.2	32.4	28.1	21.7	14.2	8.00	2.50	5.96	11.9	19.2	25.7	31.2	35.3	46.6	140		
90	12.2	11.7	9.43	6.45	3.89	2.33	1.96	1.85	1.83	1.84	1.94	2.17	3.27	5.39	8.25	10.8	12.2		
95	16.4	15.9	13.4	9.69	6.36	3.97	3.13	2.91	2.88	2.89	3.06	3.61	5.40	8.23	11.8	14.9	16.5		
100	22.5	22.1	19.4	15.0	10.9	7.49	5.79	5.22	5.14	5.16	5.54	6.75	9.43	13.1	17.4	21.0	22.8		
105	25.5	25.1	22.3	18.0	13.8	10.3	8.08	7.21	7.06	7.11	7.70	9.33	12.3	16.0	20.4	24.0	26.0		
110	28.4	27.7	24.9	21.1	17.2	14.1	11.8	10.6	10.4	10.5	11.3	13.2	15.9	19.4	23.4	27.0	29.2		
115	29.4	28.8	26.2	22.8	19.3	16.3	14.3	13.2	12.8	12.9	13.7	15.6	18.2	21.5	25.2	28.5	30.4		
120	30.3	29.9	28.0	25.3	22.3	19.7	18.0	17.1	16.6	16.7	17.4	19.1	21.7	24.9	28.2	30.7	31.8		
125	30.7	30.0	28.3	26.3	24.1	22.0	20.4	19.6	19.1	19.3	20.0	21.5	24.1	27.3	30.2	31.9	32.1		
130	31.0	29.6	27.8	26.7	25.7	24.5	23.7	23.0	22.6	22.8	23.6	25.0	27.5	30.3	32.4	32.9	32.0		
135	31.6	29.6	27.7	26.7	26.2	25.7	25.3	24.9	24.6	24.8	25.6	27.0	29.3	32.0	33.6	33.6	32.0		
140	32.3	30.7	28.6	27.3	27.0	27.0	26.9	27.0	27.0	27.2	28.0	29.4	31.5	33.6	34.6	34.4	32.2		
145	32.2	31.1	29.3	28.2	27.8	27.5	27.6	27.9	28.0	28.3	29.1	30.5	32.5	34.0	34.6	34.3	32.3		
150	31.6	31.2	30.2	29.4	28.8	28.5	28.6	28.9	29.2	29.5	30.2	31.4	32.9	34.0	34.3	33.7	31.9		
155	31.4	31.2	30.6	30.0	29.6	29.2	29.3	29.6	29.8	30.1	30.7	31.7	32.8	33.7	33.9	33.4	32.0		
160	31.3	31.3	31.0	30.7	30.6	30.3	30.5	30.6	30.7	31.0	31.3	32.0	32.5	33.0	33.1	32.7	31.8		
165	31.5	31.4	31.3	31.2	31.1	31.0	31.2	31.2	31.4	31.5	31.7	32.1	32.4	32.6	32.6	32.3	31.7		
170	32.1	31.9	32.0	31.9	31.8	31.7	31.9	31.9	31.9	32.0	32.1	32.3	32.4	32.4	32.3	32.2	31.9		
175	32.7	32.5	32.3	32.2	32.1	31.9	32.1	32.1	32.1	32.1	32.2	32.2	32.3	32.3	32.2	32.2	32.2		
180	33.1	32.7	32.4	32.1	31.8	31.6	31.6	31.5	31.4	31.4	31.4	31.5	31.6	31.7	31.7	31.8	32.0		

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

ROY ALPHA
Laboratorio de ensayos

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	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363
2.0	3363	3371	3389	3387	3403	3400	3414	3415	3424	3421
4.0	3370	3388	3411	3418	3446	3454	3469	3478	3481	3484
6.0	3374	3401	3437	3460	3484	3500	3522	3539	3550	3553
8.0	3384	3425	3464	3501	3534	3558	3583	3605	3619	3613
10.0	3395	3451	3498	3544	3583	3621	3641	3673	3688	3689
12.0	3422	3485	3544	3592	3641	3674	3707	3744	3753	3757
14.0	3439	3514	3589	3643	3699	3735	3771	3808	3820	3830
16.0	3473	3555	3646	3702	3765	3807	3843	3878	3888	3899
18.0	3508	3601	3699	3767	3835	3871	3907	3938	3955	3960
20.0	3548	3658	3766	3838	3912	3948	3975	3997	4014	4018
22.0	3585	3716	3835	3921	3988	4017	4039	4055	4059	4062
24.0	3643	3783	3915	3999	4077	4096	4092	4103	4093	4092
26.0	3696	3853	4000	4090	4169	4169	4147	4130	4119	4114
28.0	3757	3935	4088	4199	4257	4237	4191	4155	4122	4117
30.0	3821	4017	4193	4303	4341	4296	4217	4165	4122	4102
32.0	3885	4110	4304	4408	4428	4347	4240	4148	4089	4063
34.0	3950	4209	4417	4522	4519	4388	4238	4123	4034	4005
36.0	4024	4301	4537	4643	4591	4416	4213	4067	3952	3921
38.0	4092	4408	4673	4765	4650	4418	4171	3981	3851	3814
40.0	4169	4525	4818	4874	4715	4412	4095	3887	3735	3685
42.0	4252	4650	4966	5004	4744	4369	4000	3751	3578	3530
44.0	4337	4789	5135	5110	4775	4313	3876	3587	3407	3353
46.0	4431	4945	5310	5217	4786	4221	3718	3397	3219	3160
48.0	4544	5126	5510	5315	4780	4101	3527	3199	3005	2960
50.0	4659	5320	5705	5410	4748	3961	3317	2977	2791	2746
52.0	4791	5556	5897	5480	4701	3777	3081	2730	2560	2519
54.0	4917	5808	6093	5537	4628	3542	2807	2463	2313	2287
56.0	5063	6059	6252	5589	4525	3270	2497	2186	2060	2043
58.0	5197	6315	6395	5643	4370	2951	2174	1907	1801	1795
60.0	5332	6565	6481	5663	4158	2528	1838	1638	1550	1544
62.0	5435	6742	6505	5634	3877	2104	1525	1380	1309	1292
64.0	5497	6813	6464	5522	3482	1607	1238	1142	1087	1054
66.0	5442	6694	6321	5269	2907	1198	985.3	916.5	864.4	848.0
68.0	5210	6325	6044	4847	2150	896.4	757.2	710.5	669.8	660.8
70.0	4843	5720	5494	4238	1290	652.7	567.9	536.9	498.4	479.6
72.0	4306	4925	4658	3310	696.9	464.9	409.9	387.8	328.6	300.5
74.0	3586	3914	3576	2069	409.0	327.9	298.3	279.7	235.2	241.9
76.0	2550	2667	2323	1021	281.8	246.5	226.7	202.2	185.2	183.4
78.0	1439	1421	1224	492.2	196.5	165.3	172.7	148.9	139.6	140.4
80.0	747.5	656.6	598.2	299.7	140.0	118.5	124.6	106.2	98.95	98.17
82.0	355.0	385.6	299.2	184.4	90.59	76.25	76.57	69.94	62.71	40.76
84.0	132.8	115.5	161.6	95.29	49.90	42.45	41.07	39.48	33.68	12.30
86.0	38.56	39.88	61.22	35.18	21.52	19.29	18.52	18.45	15.51	5.153
88.0	13.56	12.75	11.10	8.373	6.457	6.144	5.784	6.171	5.320	2.647
90.0	12.75	10.78	8.197	5.689	4.034	3.053	2.688	2.474	2.353	2.231
92.0	14.47	12.26	9.378	6.605	4.719	3.588	3.137	2.909	2.774	2.690
94.0	16.23	13.78	10.64	7.603	5.486	4.213	3.679	3.427	3.287	3.204
96.0	18.00	15.33	11.93	8.652	6.327	4.893	4.280	3.986	3.843	3.768
98.0	19.71	16.84	13.23	9.704	7.199	5.599	4.912	4.584	4.442	4.382
100.0	21.33	18.32	14.50	10.78	8.079	6.375	5.576	5.220	5.072	5.017
102.0	22.83	19.73	15.75	11.85	9.013	7.161	6.284	5.874	5.712	5.655
104.0	24.14	21.03	16.93	12.88	9.917	7.972	7.015	6.572	6.386	6.311
106.0	25.37	22.23	18.05	13.89	10.82	8.793	7.757	7.268	7.093	7.015
108.0	26.44	23.34	19.08	14.88	11.71	9.616	8.499	7.978	7.812	7.740
110.0	27.37	24.30	20.01	15.81	12.60	10.45	9.268	8.696	8.544	8.487
112.0	28.17	25.11	20.89	16.70	13.49	11.29	10.03	9.445	9.296	9.253
114.0	28.87	25.84	21.69	17.60	14.36	12.13	10.80	10.20	10.07	10.01
116.0	29.42	26.51	22.50	18.48	15.22	12.98	11.59	10.99	10.88	10.83
118.0	29.98	27.19	23.30	19.34	16.09	13.78	12.40	11.80	11.69	11.65
120.0	30.47	27.85	24.11	20.20	16.93	14.57	13.23	12.62	12.50	12.45
122.0	30.94	28.45	24.80	20.99	17.72	15.40	14.05	13.46	13.33	13.27
124.0	31.22	28.96	25.46	21.74	18.51	16.16	14.86	14.25	14.12	14.04
126.0	31.46	29.40	26.08	22.43	19.24	16.95	15.64	15.06	14.89	14.78
128.0	31.61	29.71	26.55	23.03	19.93	17.68	16.38	15.83	15.59	15.46
130.0	31.60	29.90	26.91	23.52	20.56	18.39	17.08	16.54	16.28	16.13
132.0	31.49	29.95	27.17	23.99	21.15	19.06	17.77	17.24	16.94	16.80
134.0	31.29	29.90	27.39	24.41	21.70	19.68	18.44	17.87	17.60	17.45
136.0	31.16	29.85	27.51	24.76	22.19	20.27	19.11	18.51	18.20	18.05
138.0	30.98	29.75	27.61	25.07	22.72	20.84	19.73	19.11	18.79	18.62
140.0	30.78	29.63	27.66	25.30	23.14	21.39	20.32	19.74	19.40	19.25
142.0	30.55	29.46	27.69	25.55	23.56	21.92	20.90	20.31	19.98	19.80
144.0	30.33	29.28	27.68	25.77	23.97	22.48	21.48	20.86	20.51	20.35
146.0	30.08	29.11	27.67	26.04	24.41	23.03	22.01	21.43	21.08	20.88

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

Photometric Data Table [cd]

148.0	29.87	28.96	27.71	26.28	24.84	23.54	22.60	21.98	21.64	21.43
150.0	29.72	28.94	27.85	26.60	25.26	24.04	23.12	22.57	22.23	21.99
152.0	29.59	28.96	28.03	26.91	25.67	24.53	23.67	23.17	22.83	22.60
154.0	29.56	29.09	28.33	27.26	26.16	25.04	24.19	23.78	23.46	23.20
156.0	29.62	29.23	28.59	27.63	26.59	25.55	24.82	24.42	24.07	23.81
158.0	29.78	29.45	28.94	28.04	27.08	26.08	25.44	25.05	24.75	24.45
160.0	29.97	29.73	29.25	28.47	27.57	26.65	26.04	25.69	25.38	25.05
162.0	30.24	30.09	29.66	28.92	28.06	27.20	26.67	26.31	26.01	25.63
164.0	30.55	30.49	30.09	29.37	28.58	27.78	27.28	26.95	26.61	26.23
166.0	30.90	30.92	30.55	29.86	29.09	28.32	27.85	27.57	27.22	26.87
168.0	31.31	31.37	31.00	30.26	29.57	28.92	28.42	28.15	27.83	27.49
170.0	31.75	31.84	31.45	30.67	30.07	29.46	29.01	28.78	28.44	28.16
172.0	32.24	32.29	31.82	31.07	30.52	29.95	29.58	29.36	29.07	28.80
174.0	32.73	32.80	32.10	31.50	30.97	30.46	30.13	29.95	29.71	29.47
176.0	33.29	33.02	32.36	31.86	31.41	30.95	30.66	30.55	30.33	30.16
178.0	33.52	33.15	32.56	32.13	31.77	31.44	31.20	31.14	30.95	30.82
180.0	33.60	33.14	32.72	32.38	32.06	31.81	31.65	31.62	31.48	31.40

G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363
2.0	3422	3418	3405	3406	3406	3391	3387	3376	3372	3355
4.0	3482	3466	3469	3456	3449	3427	3417	3390	3375	3355
6.0	3549	3535	3527	3506	3495	3464	3447	3413	3384	3353
8.0	3616	3599	3586	3569	3552	3512	3484	3439	3400	3361
10.0	3683	3672	3650	3628	3606	3556	3524	3471	3421	3367
12.0	3756	3739	3720	3695	3661	3614	3566	3505	3445	3384
14.0	3830	3806	3788	3757	3726	3671	3622	3551	3474	3393
16.0	3895	3873	3861	3829	3798	3741	3678	3593	3507	3422
18.0	3958	3942	3928	3895	3872	3810	3741	3656	3546	3440
20.0	4015	4006	3990	3973	3956	3889	3818	3708	3604	3466
22.0	4059	4063	4058	4054	4042	3974	3896	3780	3650	3503
24.0	4094	4102	4124	4128	4132	4068	3982	3850	3708	3543
26.0	4119	4134	4164	4201	4223	4171	4075	3940	3777	3584
28.0	4129	4157	4210	4266	4307	4265	4179	4021	3841	3625
30.0	4116	4160	4234	4326	4401	4379	4291	4117	3919	3674
32.0	4082	4148	4243	4371	4483	4486	4401	4225	4000	3728
34.0	4025	4104	4237	4403	4552	4603	4529	4332	4083	3782
36.0	3947	4048	4210	4419	4626	4721	4666	4447	4164	3824
38.0	3841	3955	4148	4419	4683	4836	4798	4569	4253	3876
40.0	3713	3844	4065	4389	4722	4941	4951	4694	4343	3928
42.0	3556	3705	3959	4333	4750	5048	5103	4836	4445	3980
44.0	3383	3533	3820	4258	4750	5140	5268	4991	4556	4034
46.0	3193	3350	3646	4151	4736	5226	5439	5170	4669	4085
48.0	2984	3141	3449	4011	4699	5304	5620	5366	4803	4156
50.0	2767	2920	3228	3837	4646	5360	5784	5572	4932	4213
52.0	2536	2667	2979	3616	4553	5417	5966	5812	5091	4278
54.0	2298	2415	2692	3361	4422	5448	6122	6056	5261	4342
56.0	2050	2142	2390	3065	4273	5476	6255	6327	5430	4400
58.0	1794	1872	2078	2686	4053	5477	6351	6557	5609	4449
60.0	1542	1607	1763	2308	3770	5441	6419	6766	5771	4462
62.0	1299	1357	1468	1875	3384	5338	6423	6885	5906	4431
64.0	1076	1125	1202	1458	2891	5152	6371	6905	5992	4334
66.0	852.2	901.5	960.5	1121	2243	4816	6235	6740	5938	4141
68.0	661.7	704.6	740.8	851.1	1523	4323	5922	6329	5654	3814
70.0	489.0	529.4	556.5	625.8	870.6	3607	5311	5681	5166	3382
72.0	313.9	379.4	404.1	448.3	547.4	2541	4425	4840	4516	2866
74.0	233.0	286.3	297.2	319.0	366.6	1477	3302	3832	3650	2293
76.0	183.9	193.3	226.5	243.1	263.1	642.4	2147	2607	2504	1649
78.0	139.5	145.2	171.3	167.4	184.6	352.9	1364	1384	1359	1113
80.0	99.16	104.4	124.7	119.8	134.2	252.0	580.9	660.3	680.0	577.7
82.0	55.69	68.75	78.16	77.43	87.53	151.4	305.4	309.6	316.2	280.2
84.0	26.59	39.69	41.34	44.44	47.81	81.23	156.0	133.2	109.3	158.4
86.0	12.15	18.80	18.72	20.68	21.28	31.66	61.93	47.56	28.66	36.79
88.0	4.551	6.412	6.130	6.602	6.503	8.392	11.59	12.58	12.10	12.93
90.0	2.321	2.416	2.562	2.751	3.293	4.403	6.370	8.815	10.81	12.20
92.0	2.725	2.806	2.971	3.230	3.895	5.205	7.472	10.22	12.69	14.26
94.0	3.233	3.310	3.497	3.813	4.607	6.112	8.672	11.72	14.62	16.39
96.0	3.796	3.883	4.085	4.450	5.357	7.085	9.931	13.26	16.55	18.51
98.0	4.416	4.482	4.716	5.124	6.160	8.089	11.21	14.81	18.44	20.58
100.0	5.055	5.111	5.359	5.822	6.999	9.132	12.51	16.32	20.26	22.49
102.0	5.687	5.749	6.027	6.569	7.867	10.16	13.77	17.78	21.89	24.18
104.0	6.349	6.432	6.721	7.311	8.743	11.20	14.99	19.18	23.32	25.53
106.0	7.060	7.125	7.433	8.099	9.598	12.22	16.18	20.52	24.55	26.67
108.0	7.784	7.836	8.154	8.893	10.48	13.22	17.29	21.75	25.64	27.64
110.0	8.525	8.565	8.891	9.699	11.38	14.17	18.27	22.79	26.52	28.44

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

Photometric Data Table [cd]

112.0	9.272	9.305	9.639	10.52	12.26	15.11	19.19	23.70	27.18	29.00
114.0	10.04	10.06	10.40	11.33	13.15	16.02	20.07	24.50	27.74	29.40
116.0	10.83	10.83	11.20	12.15	14.02	16.91	20.92	25.21	28.30	29.75
118.0	11.63	11.63	11.98	12.95	14.89	17.76	21.70	25.84	28.82	30.08
120.0	12.41	12.40	12.76	13.72	15.69	18.55	22.31	26.33	29.31	30.29
122.0	13.18	13.18	13.50	14.50	16.45	19.21	22.82	26.59	29.73	30.47
124.0	13.94	13.95	14.22	15.24	17.13	19.79	23.12	26.63	30.10	30.68
126.0	14.65	14.64	14.92	15.93	17.74	20.25	23.34	26.55	30.35	30.86
128.0	15.33	15.31	15.59	16.59	18.32	20.59	23.41	26.33	30.62	30.97
130.0	15.98	15.96	16.24	17.19	18.83	20.91	23.36	26.05	30.83	31.02
132.0	16.61	16.57	16.87	17.73	19.30	21.16	23.30	25.73	31.15	31.16
134.0	17.22	17.14	17.46	18.25	19.69	21.36	23.32	25.52	31.55	31.56
136.0	17.81	17.69	18.02	18.76	20.04	21.54	23.30	25.35	31.93	31.90
138.0	18.38	18.25	18.59	19.24	20.36	21.73	23.33	25.28	32.15	32.12
140.0	18.95	18.78	19.08	19.67	20.70	21.91	23.42	25.26	32.25	32.25
142.0	19.49	19.29	19.57	20.13	21.02	22.08	23.51	25.29	32.25	32.27
144.0	20.02	19.81	20.04	20.59	21.35	22.27	23.64	25.28	32.14	32.21
146.0	20.56	20.32	20.51	21.00	21.69	22.56	23.82	25.32	31.84	31.97
148.0	21.12	20.86	20.97	21.40	22.07	22.82	24.04	25.42	31.64	31.75
150.0	21.67	21.40	21.47	21.81	22.43	23.15	24.28	25.56	31.47	31.63
152.0	22.27	21.95	21.96	22.23	22.79	23.54	24.60	25.79	31.33	31.49
154.0	22.87	22.57	22.49	22.73	23.22	23.93	24.95	26.05	31.16	31.42
156.0	23.48	23.15	23.05	23.21	23.68	24.34	25.33	26.33	31.14	31.34
158.0	24.13	23.78	23.66	23.75	24.20	24.80	25.73	26.63	31.14	31.34
160.0	24.73	24.44	24.29	24.38	24.75	25.32	26.18	26.98	31.22	31.31
162.0	25.34	25.08	24.96	25.03	25.38	25.87	26.64	27.36	31.27	31.32
164.0	25.98	25.77	25.66	25.75	26.04	26.46	27.20	27.82	31.48	31.49
166.0	26.62	26.47	26.38	26.45	26.77	27.10	27.74	28.27	31.74	31.66
168.0	27.30	27.16	27.14	27.22	27.48	27.75	28.26	28.78	32.04	31.84
170.0	27.97	27.86	27.88	28.00	28.24	28.41	28.85	29.35	32.34	32.06
172.0	28.65	28.61	28.62	28.80	28.98	29.15	29.47	29.92	32.82	32.40
174.0	29.39	29.33	29.41	29.54	29.77	29.88	30.12	30.54	33.24	32.69
176.0	30.12	30.10	30.17	30.31	30.50	30.58	30.81	31.15	33.53	32.98
178.0	30.80	30.83	30.92	31.03	31.18	31.22	31.34	31.63	33.59	33.07
180.0	31.41	31.48	31.54	31.60	31.71	31.68	31.74	31.94	33.57	33.13

G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	3363	3363	3363	3363	3363	3363	3363	3363	3363	3363
2.0	3350	3339	3334	3324	3312	3314	3309	3308	3300	3300
4.0	3336	3311	3299	3279	3266	3263	3251	3252	3251	3250
6.0	3325	3296	3269	3246	3225	3219	3202	3199	3201	3205
8.0	3323	3279	3244	3214	3182	3170	3153	3146	3151	3150
10.0	3320	3264	3218	3176	3142	3126	3104	3094	3100	3106
12.0	3317	3251	3195	3142	3101	3077	3058	3045	3051	3060
14.0	3319	3242	3170	3108	3064	3033	3009	2995	3000	3016
16.0	3326	3231	3149	3073	3019	2988	2960	2945	2954	2965
18.0	3331	3216	3125	3041	2976	2941	2911	2894	2902	2917
20.0	3342	3211	3104	3002	2932	2891	2853	2845	2852	2870
22.0	3354	3203	3074	2962	2888	2838	2807	2792	2799	2817
24.0	3366	3189	3046	2925	2840	2785	2758	2741	2749	2766
26.0	3378	3174	3013	2879	2788	2736	2707	2690	2697	2713
28.0	3398	3163	2978	2831	2735	2685	2660	2639	2649	2662
30.0	3406	3145	2945	2781	2686	2632	2603	2588	2589	2610
32.0	3421	3129	2894	2720	2627	2574	2546	2534	2543	2555
34.0	3439	3102	2842	2660	2561	2518	2493	2474	2479	2499
36.0	3446	3066	2782	2595	2497	2453	2427	2415	2420	2435
38.0	3453	3027	2714	2522	2428	2391	2365	2354	2358	2370
40.0	3451	2979	2641	2448	2357	2320	2300	2288	2291	2303
42.0	3452	2926	2560	2366	2281	2247	2230	2221	2224	2232
44.0	3439	2853	2471	2283	2205	2174	2157	2150	2149	2162
46.0	3429	2789	2384	2199	2125	2098	2082	2078	2078	2085
48.0	3413	2705	2283	2111	2039	2022	2003	1998	2001	2008
50.0	3391	2614	2180	2016	1953	1936	1923	1918	1917	1928
52.0	3364	2513	2071	1918	1864	1851	1839	1831	1834	1844
54.0	3328	2398	1959	1817	1770	1759	1737	1717	1726	1754
56.0	3285	2283	1843	1714	1666	1638	1606	1584	1598	1623
58.0	3226	2151	1720	1603	1546	1492	1467	1443	1462	1479
60.0	3136	2012	1592	1481	1396	1347	1333	1319	1333	1335
62.0	3021	1863	1461	1330	1245	1217	1223	1214	1224	1214
64.0	2861	1705	1319	1171	1110	1102	1107	1102	1108	1100
66.0	2624	1535	1151	1011	989.4	979.5	979.0	973.7	981.5	976.6
68.0	2386	1350	972.1	880.8	861.5	847.1	818.8	767.5	800.5	842.7
70.0	2070	1135	811.3	749.5	727.5	695.5	581.9	496.4	548.9	668.0
72.0	1697	920.2	670.1	613.4	590.8	510.4	339.9	286.1	313.4	451.6
74.0	1303	696.0	532.0	478.7	454.5	320.7	215.0	209.5	212.2	263.3

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

Photometric Data Table [cd]

76.0	922.3	509.2	375.9	315.2	318.3	189.3	164.3	161.5	163.4	169.1
78.0	560.1	338.2	179.3	156.2	199.9	124.6	119.4	115.3	118.9	124.4
80.0	321.9	184.6	101.7	95.50	113.2	82.13	77.62	69.20	75.85	79.99
82.0	163.3	79.36	61.74	55.31	53.95	41.24	34.11	25.74	30.57	38.16
84.0	52.44	36.21	32.43	28.05	21.71	14.22	7.997	2.502	5.963	11.95
86.0	22.74	17.94	15.16	10.89	7.643	4.652	2.709	1.158	2.075	3.900
88.0	12.16	9.614	6.836	3.959	2.373	1.798	1.522	1.431	1.473	1.677
90.0	11.65	9.429	6.448	3.895	2.331	1.959	1.849	1.827	1.838	1.935
92.0	13.75	11.35	8.007	5.058	3.080	2.492	2.335	2.303	2.314	2.445
94.0	15.90	13.37	9.685	6.360	3.967	3.134	2.909	2.878	2.887	3.059
96.0	18.07	15.45	11.48	7.794	5.018	3.903	3.580	3.543	3.539	3.783
98.0	20.22	17.53	13.29	9.335	6.203	4.793	4.356	4.300	4.308	4.613
100.0	22.13	19.40	15.05	10.89	7.489	5.788	5.216	5.140	5.162	5.545
102.0	23.78	21.00	16.62	12.39	8.888	6.898	6.176	6.069	6.092	6.585
104.0	25.05	22.30	17.99	13.77	10.28	8.077	7.206	7.060	7.108	7.696
106.0	26.09	23.34	19.14	15.04	11.67	9.313	8.296	8.120	8.181	8.855
108.0	27.01	24.18	20.19	16.17	12.95	10.57	9.452	9.231	9.306	10.05
110.0	27.71	24.89	21.08	17.23	14.13	11.82	10.63	10.37	10.47	11.26
112.0	28.31	25.55	21.92	18.26	15.25	13.09	11.88	11.57	11.68	12.48
114.0	28.79	26.17	22.76	19.30	16.35	14.33	13.16	12.80	12.94	13.70
116.0	29.17	26.87	23.64	20.33	17.46	15.55	14.46	14.03	14.19	14.92
118.0	29.58	27.50	24.47	21.33	18.58	16.77	15.75	15.32	15.48	16.17
120.0	29.87	27.99	25.29	22.31	19.73	17.96	17.06	16.58	16.74	17.41
122.0	30.01	28.27	25.91	23.22	20.86	19.17	18.34	17.85	18.01	18.67
124.0	30.05	28.34	26.30	24.07	21.95	20.38	19.58	19.12	19.28	19.97
126.0	29.98	28.25	26.48	24.74	22.96	21.54	20.81	20.35	20.52	21.23
128.0	29.78	28.02	26.59	25.33	23.81	22.71	21.94	21.52	21.71	22.46
130.0	29.57	27.81	26.66	25.68	24.54	23.71	23.01	22.64	22.84	23.61
132.0	29.43	27.72	26.66	25.98	25.17	24.56	24.01	23.68	23.89	24.66
134.0	29.59	27.74	26.65	26.19	25.69	25.31	24.89	24.63	24.85	25.64
136.0	29.90	27.92	26.75	26.36	26.17	25.92	25.69	25.49	25.67	26.50
138.0	30.33	28.22	27.03	26.64	26.63	26.50	26.39	26.29	26.47	27.33
140.0	30.68	28.58	27.35	26.98	26.95	26.94	26.96	26.96	27.21	27.99
142.0	30.97	28.89	27.74	27.31	27.25	27.28	27.46	27.57	27.82	28.60
144.0	31.08	29.26	28.16	27.76	27.52	27.62	27.88	28.03	28.34	29.10
146.0	31.12	29.54	28.55	28.10	27.79	27.91	28.24	28.46	28.78	29.53
148.0	31.16	29.87	28.99	28.47	28.09	28.25	28.62	28.90	29.21	29.92
150.0	31.19	30.17	29.39	28.82	28.46	28.60	28.92	29.19	29.53	30.25
152.0	31.21	30.41	29.70	29.20	28.80	28.96	29.27	29.47	29.80	30.50
154.0	31.23	30.61	29.99	29.57	29.17	29.35	29.59	29.76	30.10	30.70
156.0	31.20	30.75	30.29	29.90	29.59	29.72	29.92	30.08	30.36	30.94
158.0	31.24	30.90	30.54	30.29	29.97	30.10	30.29	30.41	30.66	31.15
160.0	31.27	31.00	30.74	30.58	30.33	30.50	30.62	30.72	30.96	31.35
162.0	31.28	31.12	30.86	30.77	30.60	30.76	30.88	30.97	31.16	31.47
164.0	31.43	31.33	31.19	31.11	30.96	31.17	31.24	31.35	31.46	31.71
166.0	31.59	31.58	31.45	31.41	31.32	31.51	31.60	31.64	31.76	31.92
168.0	31.79	31.76	31.68	31.63	31.54	31.77	31.83	31.87	31.93	32.06
170.0	31.94	31.96	31.86	31.80	31.72	31.87	31.86	31.90	31.98	32.08
172.0	32.24	32.19	32.08	31.95	31.84	32.03	32.01	32.03	32.08	32.12
174.0	32.51	32.31	32.21	32.07	31.92	32.07	32.05	32.09	32.09	32.15
176.0	32.66	32.40	32.22	32.08	31.95	32.05	32.00	31.98	32.00	32.04
178.0	32.69	32.44	32.18	31.99	31.83	31.88	31.80	31.75	31.78	31.80
180.0	32.72	32.37	32.08	31.83	31.62	31.60	31.46	31.39	31.41	31.45

G/C	300.0	310.0	320.0	330.0	340.0	350.0
0.0	3363	3363	3363	3363	3363	3363
2.0	3310	3315	3328	3332	3344	3351
4.0	3256	3271	3293	3307	3330	3347
6.0	3218	3238	3259	3276	3311	3343
8.0	3169	3196	3229	3262	3298	3341
10.0	3130	3158	3201	3242	3294	3340
12.0	3083	3118	3176	3222	3287	3349
14.0	3043	3081	3145	3204	3284	3362
16.0	2995	3044	3119	3189	3278	3372
18.0	2955	3008	3088	3169	3275	3389
20.0	2907	2964	3055	3154	3283	3409
22.0	2856	2924	3021	3136	3281	3432
24.0	2811	2878	2989	3112	3283	3461
26.0	2757	2832	2951	3099	3291	3494
28.0	2706	2781	2911	3075	3290	3525
30.0	2655	2727	2866	3053	3293	3559
32.0	2593	2675	2813	3014	3299	3592
34.0	2536	2611	2762	2985	3293	3622
36.0	2472	2546	2694	2941	3279	3657
38.0	2403	2477	2625	2886	3267	3688

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G

Photometric Data Table [cd]

40.0	2333	2406	2555	2828	3252	3715
42.0	2259	2327	2475	2758	3221	3750
44.0	2183	2245	2391	2682	3187	3781
46.0	2105	2160	2304	2596	3153	3810
48.0	2025	2073	2207	2504	3106	3844
50.0	1941	1983	2107	2395	3059	3875
52.0	1851	1892	2004	2285	3003	3911
54.0	1760	1791	1893	2158	2936	3941
56.0	1656	1690	1782	2035	2860	3961
58.0	1525	1578	1667	1898	2771	3977
60.0	1375	1452	1546	1760	2673	3963
62.0	1229	1296	1419	1613	2546	3921
64.0	1106	1148	1270	1467	2399	3818
66.0	986.7	1000	1099	1316	2219	3639
68.0	857.8	872.6	931.6	1138	2005	3344
70.0	724.0	741.6	792.1	960.8	1746	2946
72.0	584.4	606.9	655.4	772.4	1443	2467
74.0	440.1	471.6	519.0	612.8	1115	1941
76.0	294.7	326.8	350.9	458.4	779.1	1403
78.0	182.7	177.1	165.9	300.4	477.2	885.5
80.0	106.0	96.45	103.0	137.6	287.5	513.8
82.0	48.40	53.96	61.17	69.18	140.9	250.9
84.0	19.24	25.73	31.18	35.31	46.62	140.1
86.0	6.473	9.266	13.60	16.41	21.36	30.30
88.0	2.030	2.950	5.133	7.763	10.41	11.83
90.0	2.171	3.268	5.390	8.251	10.81	12.18
92.0	2.820	4.267	6.756	9.980	12.85	14.30
94.0	3.615	5.395	8.228	11.82	14.92	16.46
96.0	4.535	6.641	9.795	13.73	17.02	18.65
98.0	5.584	8.005	11.44	15.62	19.10	20.79
100.0	6.750	9.431	13.08	17.41	21.01	22.77
102.0	8.013	10.87	14.61	19.01	22.66	24.58
104.0	9.330	12.26	15.98	20.38	24.03	25.99
106.0	10.65	13.56	17.23	21.53	25.17	27.21
108.0	11.96	14.78	18.35	22.56	26.16	28.29
110.0	13.22	15.94	19.41	23.45	27.00	29.17
112.0	14.40	17.11	20.45	24.30	27.76	29.84
114.0	15.56	18.24	21.46	25.19	28.47	30.40
116.0	16.72	19.41	22.54	26.15	29.23	30.92
118.0	17.85	20.57	23.68	27.15	29.97	31.37
120.0	19.08	21.72	24.90	28.22	30.71	31.76
122.0	20.26	22.89	26.09	29.27	31.38	32.04
124.0	21.47	24.12	27.27	30.24	31.94	32.13
126.0	22.66	25.33	28.34	31.06	32.36	32.14
128.0	23.81	26.47	29.42	31.73	32.71	32.08
130.0	24.96	27.50	30.35	32.39	32.94	32.02
132.0	26.02	28.43	31.21	33.03	33.23	31.89
134.0	27.03	29.26	32.01	33.62	33.62	31.95
136.0	27.95	30.02	32.71	34.05	33.95	32.09
138.0	28.78	30.83	33.27	34.40	34.24	32.20
140.0	29.42	31.48	33.57	34.58	34.39	32.23
142.0	29.98	32.01	33.81	34.68	34.40	32.31
144.0	30.47	32.48	33.98	34.65	34.31	32.27
146.0	30.86	32.75	34.02	34.56	34.04	32.11
148.0	31.18	32.84	34.02	34.46	33.87	32.02
150.0	31.40	32.88	34.00	34.30	33.69	31.95
152.0	31.58	32.90	33.88	34.12	33.52	31.96
154.0	31.67	32.79	33.67	33.91	33.36	31.96
156.0	31.78	32.73	33.44	33.62	33.11	31.90
158.0	31.89	32.62	33.25	33.41	32.91	31.88
160.0	31.96	32.52	33.02	33.11	32.71	31.82
162.0	31.93	32.39	32.70	32.80	32.45	31.73
164.0	32.06	32.41	32.58	32.59	32.34	31.74
166.0	32.20	32.40	32.53	32.44	32.34	31.81
168.0	32.27	32.40	32.45	32.32	32.26	31.83
170.0	32.28	32.37	32.37	32.25	32.20	31.90
172.0	32.22	32.33	32.34	32.24	32.17	32.01
174.0	32.19	32.26	32.34	32.21	32.17	32.15
176.0	32.09	32.12	32.17	32.14	32.16	32.17
178.0	31.88	31.92	31.96	31.90	32.02	32.10
180.0	31.53	31.61	31.70	31.67	31.76	31.96

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:50.7-MIN:45.3%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0175-3-A VIALIT II 100W 72 LED DRIVER MOSO X6E-100M143-G