ANEXO 25-0174-2-A VIALIT II 60W 48 LED 55W

DRIVER MOSO X6-060M052L

SPD ZYS-P10WD



Light Output Ratio:	100.0%		
Luminaire Power:	55.39 W		
I80 =	44.5 cd per klm.	I88 =	0.9 cd per klm.
I90 =	0.9 cd per klm.	I80/I88 =	46.972

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

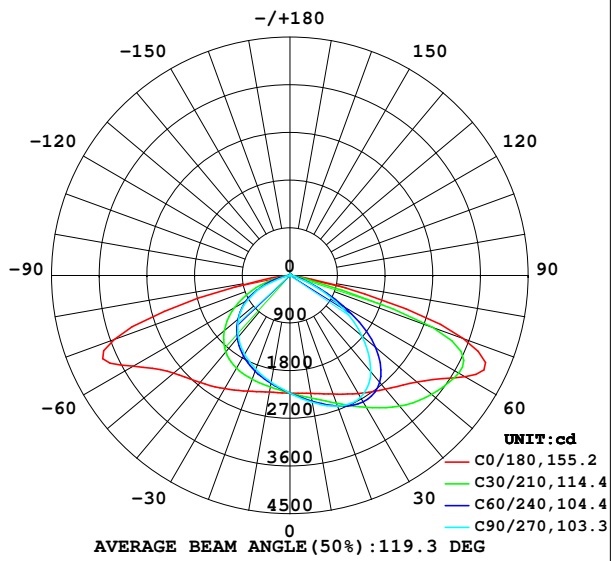
γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

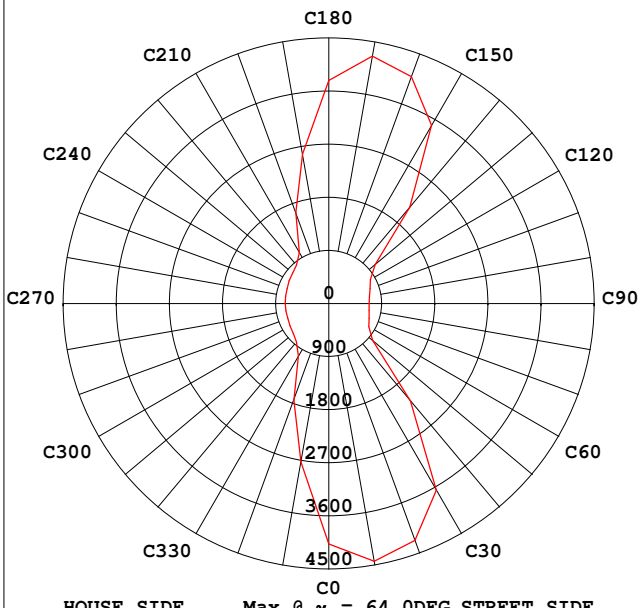
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 171.28 lm/W	
MODEL	--	Imax(cd)	4437	η street_up(%)	0.4
NOMINAL POWER(W)	55	LOR(%)	100.0	η street_down(%)	59.8
RATED VOLTAGE(V)	----	TOTAL FLUX(lm)	9487	η house_up(%)	0.5
NOMINAL FLUX(lm)	9487.03	MAXIMUM @(C,γ)	10,64.0	η house_down(%)	39.4
LAMPS INSIDE	1	η up(%)	0.9	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	99.1	SLI	

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



AVERAGE BEAM ANGLE(50%):119.3 DEG

MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



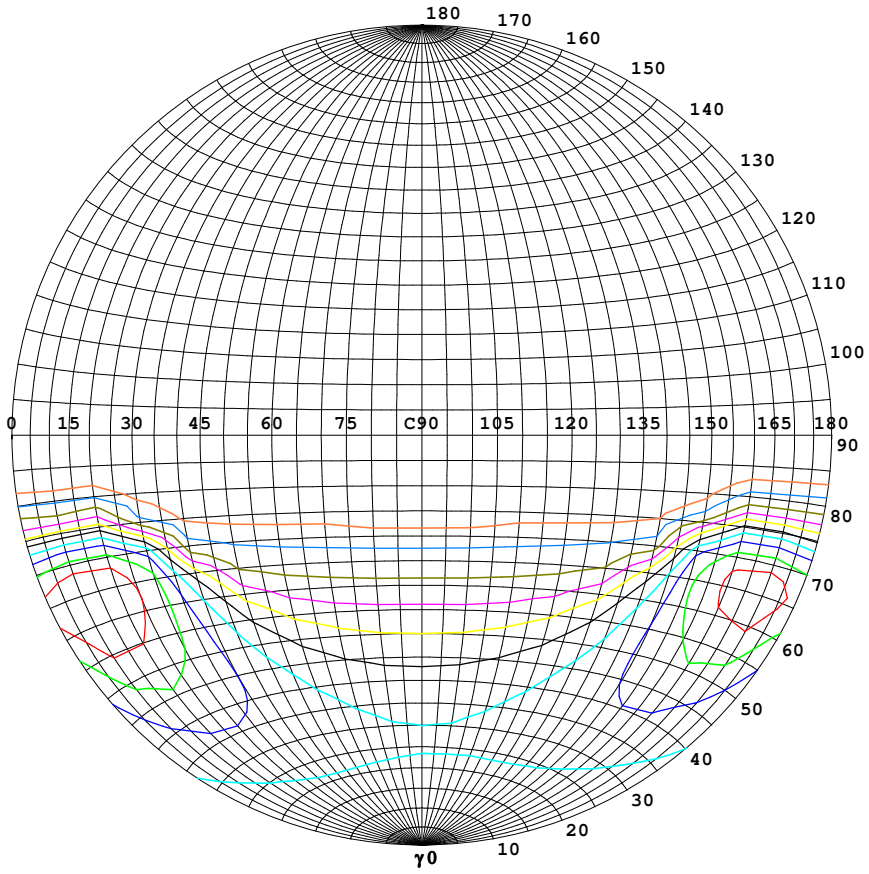
HOUSE SIDE Max @ γ = 64.0DEG STREET SIDE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:61.12cd/klm
Max.At90:0.9020cd/klm
Max.80-90:61.12cd/klm
NRB 5101:Semi limited[20.3%]

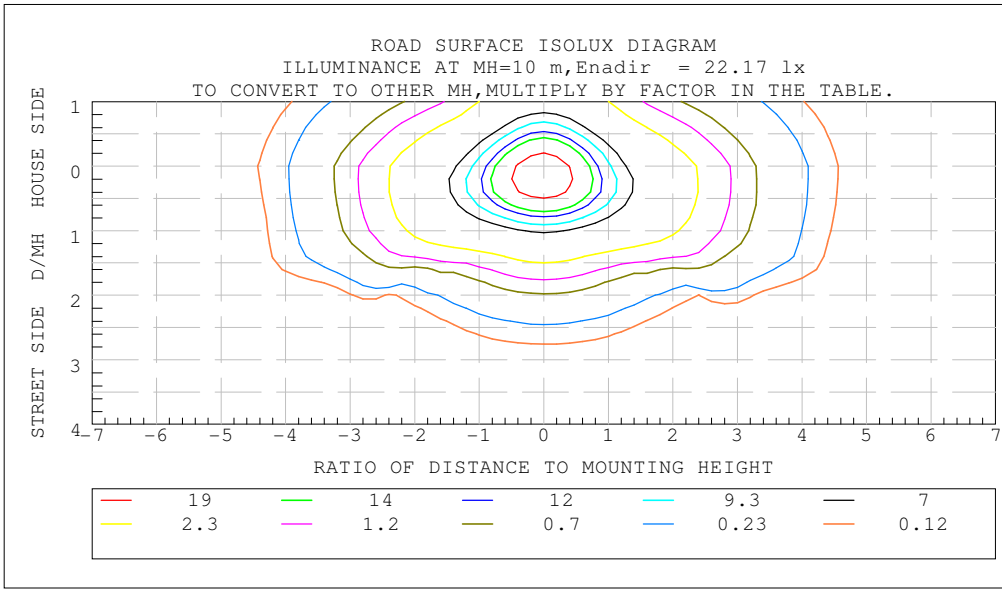
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4437
90%	3993
80%	3549
70%	3106
60%	2662
50%	2218
40%	1775
30%	1331
20%	887
10%	444
5%	222

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM





According to LB/T001-2008:
U = Emin/Eavg = 0.411
Eavg = 23.48 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:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ZONAL FLUX DIAGRAM

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

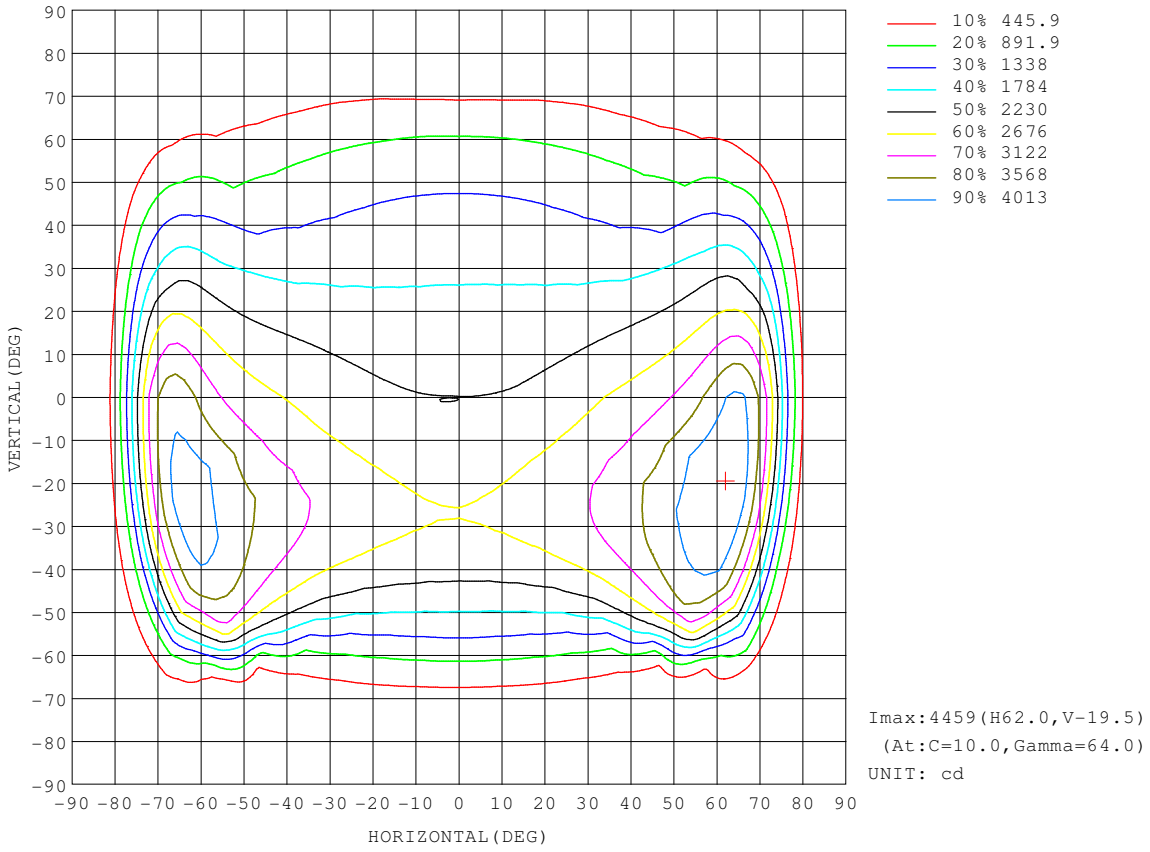
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2263	2386	2430	2372	2238	2100	2050	2117	0- 10	213.2	213.2	2.25,2.25
20	2384	2613	2628	2582	2326	1993	1888	2021	10- 20	645.0	858.2	9.05,9.05
30	2574	2856	2662	2808	2469	1857	1718	1888	20- 30	1080	1938	20.4,20.4
40	2805	2962	2376	2918	2641	1648	1517	1669	30- 40	1474	3412	36,36
50	3130	2785	1772	2745	2873	1357	1269	1368	40- 50	1748	5161	54.4,54.4
60	3822	2104	1008	2099	3431	999.2	920.6	999.5	50- 60	1846	7007	73.9,73.9
70	3476	504.9	302.4	542.3	3533	536.3	372.1	517.1	60- 70	1638	8645	91.1,91.1
80	422.4	78.83	55.48	84.24	579.9	77.11	20.95	65.60	70- 80	709.4	9354	98.6,98.6
90	8.557	2.331	1.497	2.147	7.354	3.149	1.152	3.187	80- 90	52.08	9406	99.1,99.1
100	13.72	4.641	3.370	4.395	13.79	8.203	3.301	7.776	90-100	5.945	9412	99.2,99.2
110	17.22	7.353	5.674	7.195	17.97	12.34	6.733	11.74	100-110	9.654	9422	99.3,99.3
120	19.29	10.07	8.349	10.02	19.79	15.53	10.85	15.49	110-120	12.09	9434	99.4,99.4
130	20.13	12.44	10.78	12.20	20.81	17.27	14.87	19.02	120-130	13.25	9447	99.6,99.6
140	19.66	14.24	12.78	13.61	21.68	17.92	17.75	21.13	130-140	12.75	9460	99.7,99.7
150	18.87	15.89	14.58	14.82	21.02	19.26	19.31	21.56	140-150	11.04	9471	99.8,99.8
160	19.30	17.62	16.61	16.40	20.80	20.28	20.29	21.26	150-160	8.541	9480	99.9,99.9
170	20.78	19.56	18.68	18.71	21.52	21.12	21.14	21.23	160-170	5.541	9485	100,100
180	22.21	21.20	20.84	20.98	22.22	21.20	20.82	20.99	170-180	1.973	9487	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 10.1 %									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ISOCANDELA DIAGRAM

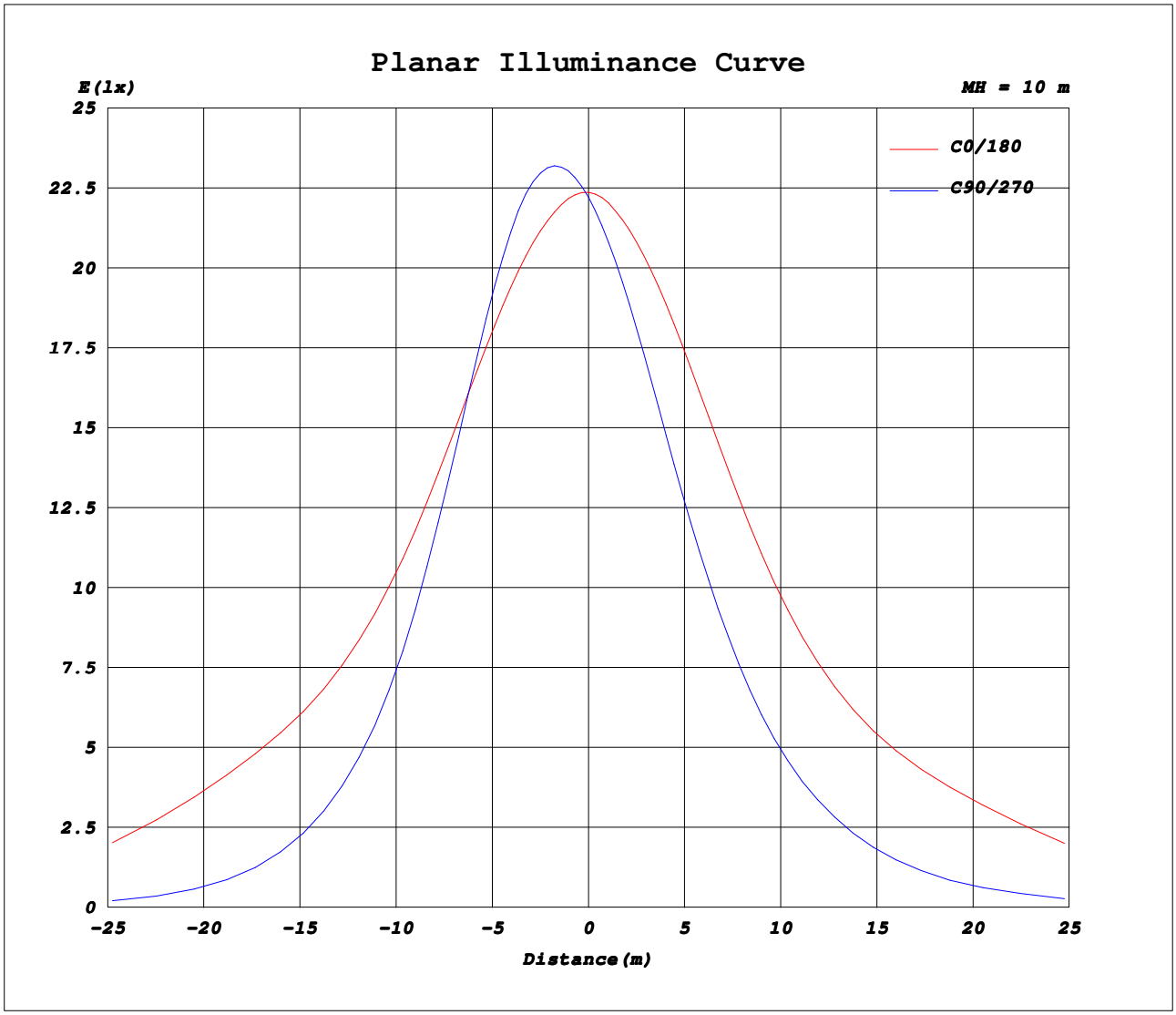
Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

DRIVER MOSO X6-060M052L

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**
	Fabian Loaiza.	**Milton Chavarro.**

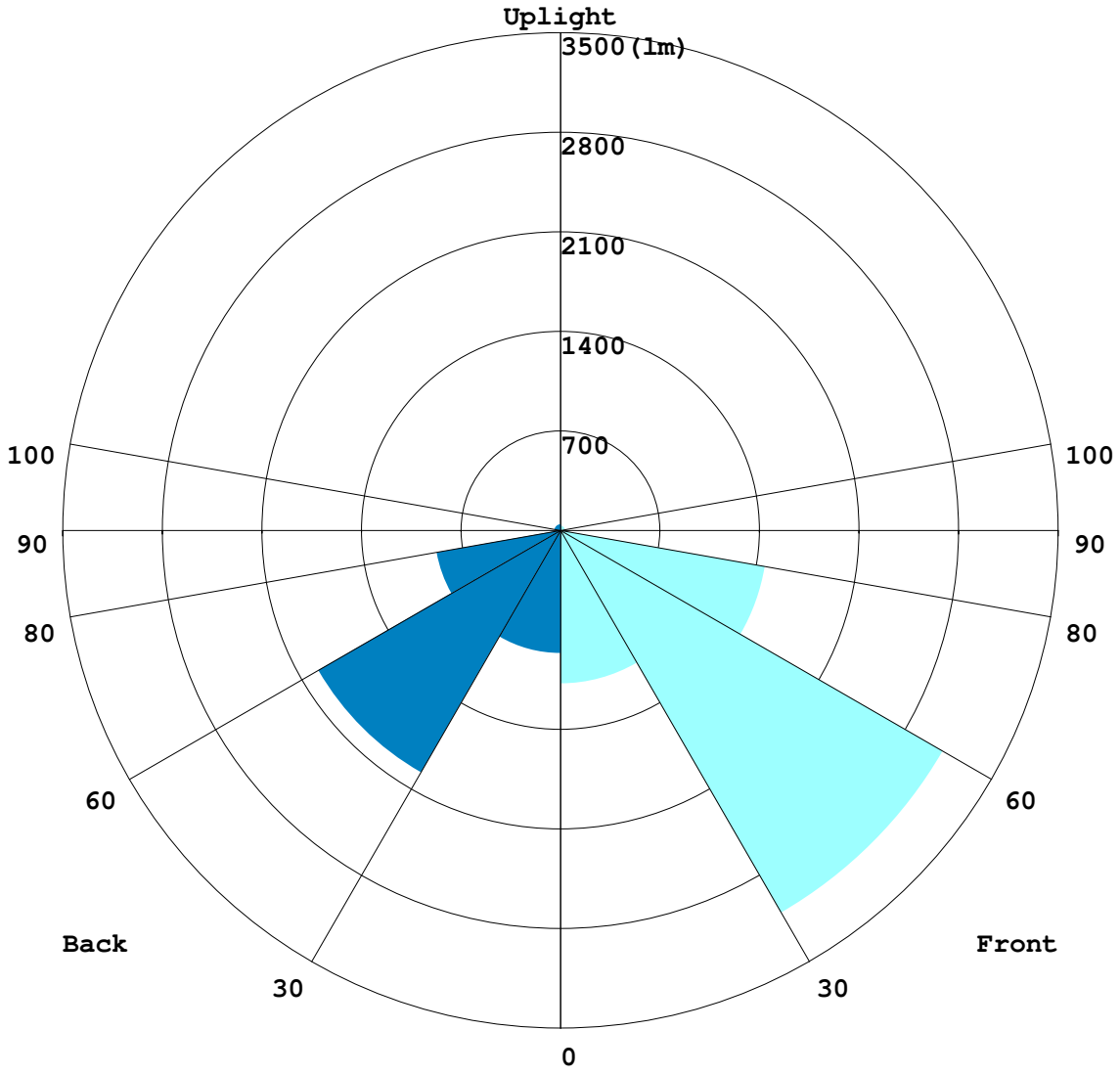
Testing Procedure: **Las prueba fue realizada de acuerdo con la norma LM 79 de 2019.**
Tiempo de estabilizacion: 0:23':30"
Tiempo de ensayo: 0:30':52"

C Range: 0 - 360DEG	***γ Range: 0 - 180DEG***
C Interval: 10.0DEG	***γ Interval: 2.0DEG***
Test Speed: HIGH	***Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10***
Temperature:25±1°CDEG	***Humidity:MAX:51.4-MIN:47.1%***
Operators:Fabian Loaiza	***Test Distance:7.080m [K=1.0000]***
Test Date:2025-06-09	***Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L***

LCS REPORT

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
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:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

BUG REPORT

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1076.3	11.3
FM - Front-Medium(30-60)	3103.7	32.7
FH - Front-High(60-80)	1461.2	15.4
FVH - Front-Very High(80-90)	29.687	0.3
Total Forward Light	5705.8	60.1

BL - Back-Low(0-30)	861.86	9.1
BM - Back-Medium(30-60)	1965.3	20.7
BH - Back-High(60-80)	885.82	9.3
BVH - Back-Very High(80-90)	22.39	0.2
Total Back Light	3781.2	39.9

UL - Uplight-Low(90-100)	5.9452	0.1
UH - Uplight-High(100-180)	74.834	0.8
Total Up Light	80.779	0.9

BUG(Back,Up,Glare) Rating	B2-U3-G2

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3735.4	45.799	3781.2
Street Side	5670.9	34.981	5705.8

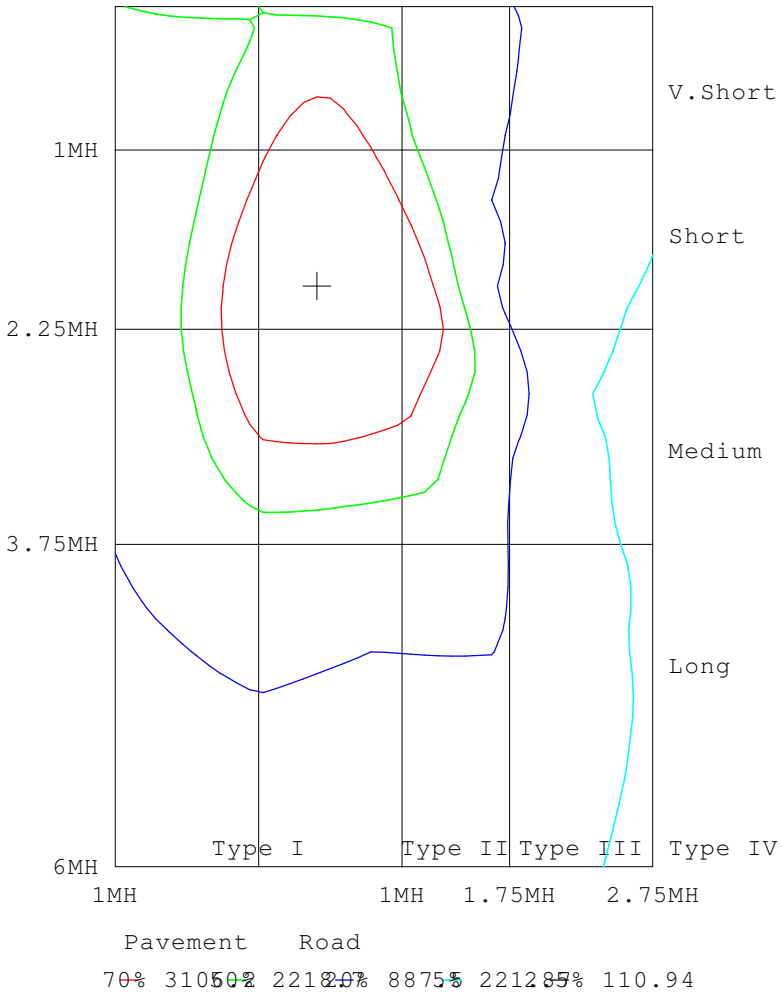
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ROAD ISOCANDELA REPORT

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
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:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
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	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223
5	2231	2244	2257	2268	2277	2287	2293	2298	2300	2302	2300	2295	2289	2282	2272	2262	2250	2236	2222
10	2263	2294	2324	2351	2376	2396	2415	2422	2431	2430	2430	2419	2405	2384	2360	2333	2304	2273	2238
15	2302	2347	2392	2425	2457	2478	2496	2509	2517	2516	2513	2500	2485	2464	2437	2397	2359	2313	2264
20	2384	2456	2519	2568	2604	2622	2626	2627	2629	2628	2624	2618	2609	2595	2568	2522	2468	2399	2326
25	2454	2545	2624	2681	2716	2715	2699	2682	2672	2669	2670	2674	2681	2686	2669	2623	2558	2474	2379
30	2574	2702	2812	2876	2880	2831	2762	2708	2674	2662	2672	2704	2748	2795	2821	2796	2718	2601	2469
35	2663	2827	2965	3016	2977	2873	2753	2662	2605	2589	2607	2665	2745	2843	2914	2918	2843	2700	2537
40	2805	3049	3228	3224	3070	2853	2636	2488	2396	2376	2405	2499	2642	2830	3006	3107	3067	2874	2641
45	2914	3237	3423	3344	3090	2774	2478	2285	2179	2157	2193	2308	2490	2758	3021	3216	3239	3024	2717
50	3130	3622	3728	3493	3046	2523	2112	1895	1792	1772	1801	1918	2140	2520	2971	3339	3517	3343	2873
55	3344	3934	3931	3580	2952	2245	1783	1578	1498	1489	1506	1601	1816	2258	2874	3404	3699	3634	3031
60	3822	4349	4210	3685	2631	1577	1165	1049	1010	1008	1014	1066	1201	1635	2562	3483	3963	4075	3431
65	4073	4437	4273	3654	2153	974	785	731	698	686	703	747	814	1031	2134	3487	4092	4258	3780
70	3476	3679	3623	2860	606	404	344	330	310	302	314	340	363	434	650	2989	3746	3834	3533
75	2280	2296	2383	1030	239	195	183	167	144	141	145	172	191	208	267	1452	2689	2733	2464
80	422	373	392	156	85.4	72.3	71.9	62.9	59.1	55.5	60.0	65.1	77.4	77.4	91.0	181	551	547	580
85	67.7	67.3	120	52.2	31.3	26.7	24.5	22.7	18.7	3.87	19.1	24.2	27.5	30.7	36.4	65.5	141	102	106
90	8.56	7.08	5.29	3.66	2.61	2.05	1.85	1.71	1.63	1.50	1.61	1.69	1.78	1.94	2.35	3.22	4.57	6.21	7.35
95	10.7	8.92	6.77	4.84	3.52	2.78	2.49	2.31	2.23	2.16	2.20	2.25	2.37	2.60	3.20	4.32	6.08	8.15	9.93
100	13.7	11.6	9.09	6.76	5.13	4.15	3.72	3.49	3.41	3.37	3.39	3.43	3.61	3.96	4.83	6.39	8.71	11.3	13.8
105	15.3	13.2	10.5	8.03	6.25	5.17	4.66	4.39	4.29	4.24	4.26	4.32	4.52	4.98	6.01	7.81	10.4	13.2	15.9
110	17.2	15.1	12.4	9.82	7.94	6.76	6.10	5.79	5.70	5.67	5.70	5.74	5.99	6.59	7.80	9.81	12.6	15.6	18.0
115	18.1	16.1	13.5	11.0	9.08	7.82	7.10	6.78	6.73	6.71	6.71	6.74	7.00	7.70	9.01	11.1	13.8	16.7	18.8
120	19.3	17.4	15.1	12.7	10.7	9.41	8.69	8.38	8.35	8.35	8.30	8.30	8.59	9.33	10.7	12.8	15.3	17.9	19.8
125	19.8	18.2	16.0	13.7	11.7	10.4	9.74	9.45	9.41	9.40	9.31	9.32	9.58	10.3	11.7	13.6	15.8	18.2	20.4
130	20.1	18.9	17.0	14.8	13.0	11.9	11.2	10.9	10.8	10.8	10.7	10.7	10.9	11.6	12.8	14.2	15.9	17.7	20.8
135	20.0	18.9	17.2	15.4	13.7	12.7	12.1	11.8	11.7	11.6	11.5	11.5	11.8	12.4	13.3	14.5	15.8	17.3	21.2
140	19.7	18.8	17.4	16.0	14.7	13.8	13.3	13.0	12.8	12.8	12.6	12.6	12.8	13.3	13.9	14.8	15.8	17.1	21.7
145	19.3	18.6	17.5	16.3	15.3	14.5	14.0	13.7	13.6	13.5	13.3	13.3	13.5	13.8	14.3	15.0	15.9	17.1	21.6
150	18.9	18.4	17.7	17.0	16.2	15.6	15.1	14.8	14.7	14.6	14.4	14.3	14.4	14.6	15.0	15.5	16.3	17.2	21.0
155	18.9	18.6	18.1	17.5	16.9	16.3	15.8	15.6	15.5	15.3	15.2	15.0	15.0	15.2	15.5	16.0	16.7	17.4	20.8
160	19.3	19.2	18.9	18.4	17.9	17.4	17.1	16.9	16.8	16.6	16.4	16.2	16.2	16.3	16.5	16.9	17.5	18.1	20.8
165	19.8	19.8	19.5	19.1	18.6	18.2	17.9	17.8	17.6	17.4	17.3	17.2	17.1	17.2	17.4	17.7	18.1	18.6	21.0
170	20.8	20.8	20.6	20.1	19.7	19.4	19.2	19.0	18.8	18.7	18.6	18.6	18.6	18.6	18.8	18.9	19.2	19.6	21.5
175	21.5	21.5	21.1	20.7	20.4	20.2	20.0	19.8	19.7	19.6	19.5	19.5	19.6	19.7	19.8	19.9	20.1	20.4	22.0
180	22.2	21.9	21.6	21.5	21.3	21.1	21.0	20.9	20.9	20.8	20.8	20.9	20.9	21.0	21.0	21.0	21.1	21.2	22.2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.21V I:0.2650A P:55.388W PF:0.9627 Freq:60.01Hz Lamp Flux:9487.03x1 lm		
NAME: ANEXO 25-0174-2-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 55W	DIM.: ----	SERIAL No.:25-0174-2
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	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223		
5	2209	2195	2183	2173	2165	2158	2153	2150	2149	2151	2155	2161	2170	2180	2192	2205	2218		
10	2205	2172	2141	2111	2090	2072	2059	2052	2050	2055	2067	2083	2104	2130	2160	2193	2228		
15	2216	2167	2120	2076	2041	2014	1996	1988	1986	1992	2007	2029	2062	2099	2146	2196	2248		
20	2249	2168	2088	2020	1966	1926	1902	1891	1888	1896	1914	1945	1991	2050	2125	2210	2299		
25	2280	2172	2066	1978	1912	1864	1836	1823	1820	1828	1848	1884	1937	2012	2109	2221	2340		
30	2330	2172	2022	1901	1813	1758	1731	1719	1718	1727	1744	1779	1839	1936	2070	2233	2409		
35	2363	2165	1980	1835	1735	1680	1653	1644	1643	1651	1668	1699	1759	1866	2032	2235	2457		
40	2405	2135	1887	1701	1594	1546	1525	1517	1517	1523	1536	1561	1614	1724	1934	2219	2523		
45	2428	2099	1797	1591	1490	1447	1430	1424	1424	1428	1438	1457	1505	1611	1839	2193	2566		
50	2464	2017	1620	1401	1313	1284	1278	1270	1269	1270	1280	1289	1321	1414	1654	2125	2632		
55	2498	1942	1473	1258	1186	1165	1162	1156	1149	1153	1162	1167	1190	1266	1501	2058	2687		
60	2565	1787	1201	1027	972	953	940	936	921	928	934	947	970	1029	1231	1906	2768		
65	2572	1642	1000	856	805	777	751	745	737	739	740	761	792	852	1031	1743	2727		
70	2203	1273	687	565	507	495	474	410	372	399	458	480	491	543	702	1288	2170		
75	1608	881	461	364	334	318	230	159	141	153	207	301	314	345	446	833	1495		
80	495	301	148	86.7	67.5	65.1	34.1	25.8	21.0	23.3	28.5	50.3	56.2	75.0	118	247	389		
85	144	49.6	31.3	24.6	17.9	10.4	4.38	1.48	0.55	1.08	3.18	7.82	13.6	18.2	24.1	35.2	106		
90	8.09	7.49	5.93	3.99	2.30	1.37	1.21	1.15	1.15	1.17	1.26	1.45	2.38	4.00	5.99	7.68	8.47		
95	10.9	10.3	8.48	6.08	3.89	2.37	1.95	1.82	1.82	1.84	2.00	2.47	3.86	5.88	8.34	10.3	11.2		
100	15.1	14.6	12.5	9.54	6.86	4.61	3.61	3.32	3.30	3.35	3.67	4.62	6.55	9.00	11.8	14.1	15.0		
105	17.1	16.6	14.5	11.5	8.82	6.45	5.08	4.61	4.56	4.65	5.11	6.33	8.35	10.8	13.6	15.8	16.9		
110	19.1	18.4	16.3	13.6	11.1	9.10	7.53	6.86	6.73	6.87	7.46	8.86	10.6	12.8	15.3	17.5	18.6		
115	19.7	19.1	17.2	14.8	12.5	10.6	9.19	8.51	8.33	8.50	9.03	10.4	12.1	14.2	16.5	18.4	19.3		
120	20.4	19.8	18.5	16.5	14.5	12.8	11.6	11.1	10.9	11.0	11.4	12.6	14.4	16.5	18.6	19.9	20.2		
125	20.7	20.0	18.9	17.3	15.7	14.3	13.3	12.8	12.5	12.7	13.1	14.2	16.0	18.1	19.8	20.6	20.4		
130	20.7	19.8	18.6	17.6	16.9	16.1	15.5	15.1	14.9	15.0	15.5	16.4	18.1	19.9	21.1	21.2	20.3		
135	21.0	19.8	18.4	17.7	17.3	16.9	16.5	16.3	16.2	16.3	16.8	17.7	19.2	21.0	21.8	21.5	20.3		
140	21.7	20.4	19.0	18.1	17.8	17.7	17.7	17.7	17.7	17.9	18.3	19.2	20.5	21.7	22.2	22.0	20.4		
145	21.6	20.7	19.4	18.6	18.3	18.1	18.2	18.4	18.5	18.6	19.1	19.9	21.0	21.8	22.2	21.8	20.3		
150	21.1	20.7	20.0	19.4	19.1	18.8	18.9	19.1	19.3	19.5	19.9	20.5	21.3	21.8	21.8	21.3	20.1		
155	20.9	20.7	20.3	19.8	19.5	19.3	19.4	19.6	19.7	19.9	20.2	20.7	21.3	21.7	21.6	21.2	20.2		
160	20.8	20.7	20.6	20.3	20.2	20.1	20.1	20.2	20.3	20.4	20.6	20.9	21.2	21.3	21.3	21.0	20.4		
165	20.9	20.9	20.8	20.6	20.6	20.5	20.6	20.6	20.7	20.8	20.9	21.0	21.2	21.2	21.2	20.9	20.5		
170	21.3	21.2	21.2	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.3	21.3	21.2	21.1	21.0	20.8		
175	21.7	21.6	21.5	21.4	21.3	21.3	21.3	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.2	21.2	21.1		
180	21.9	21.7	21.5	21.3	21.1	21.0	20.9	20.9	20.8	20.9	20.9	20.9	21.0	21.0	21.0	21.1	21.2		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

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	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223
2.0	2226	2233	2239	2245	2249	2255	2258	2260	2262	2262
4.0	2231	2244	2257	2268	2277	2287	2293	2298	2300	2302
6.0	2239	2259	2277	2292	2308	2321	2332	2339	2344	2345
8.0	2249	2274	2298	2321	2341	2358	2371	2381	2385	2386
10.0	2263	2294	2324	2351	2376	2396	2415	2422	2431	2430
12.0	2280	2318	2356	2386	2414	2437	2455	2466	2473	2474
14.0	2302	2347	2392	2425	2457	2478	2496	2509	2517	2516
16.0	2327	2379	2429	2467	2501	2523	2539	2551	2559	2558
18.0	2354	2416	2472	2515	2549	2571	2584	2591	2597	2596
20.0	2384	2456	2519	2568	2604	2622	2626	2627	2629	2628
22.0	2418	2499	2570	2623	2661	2670	2664	2658	2654	2652
24.0	2454	2545	2624	2681	2716	2715	2699	2682	2672	2669
26.0	2491	2593	2684	2745	2774	2758	2726	2700	2683	2679
28.0	2531	2645	2745	2809	2827	2798	2749	2710	2686	2679
30.0	2574	2702	2812	2876	2880	2831	2762	2708	2674	2662
32.0	2617	2763	2885	2947	2931	2858	2762	2693	2644	2633
34.0	2663	2827	2965	3016	2977	2873	2753	2662	2605	2589
36.0	2709	2895	3048	3086	3018	2878	2727	2619	2550	2532
38.0	2756	2967	3135	3156	3049	2872	2690	2562	2480	2463
40.0	2805	3049	3228	3224	3070	2853	2636	2488	2396	2376
42.0	2857	3135	3324	3285	3086	2821	2566	2386	2295	2273
44.0	2914	3237	3423	3344	3090	2774	2478	2285	2179	2157
46.0	2977	3351	3525	3398	3088	2711	2370	2166	2055	2033
48.0	3049	3480	3626	3447	3072	2627	2248	2035	1925	1904
50.0	3130	3622	3728	3493	3046	2523	2112	1895	1792	1772
52.0	3228	3776	3832	3537	3008	2384	1958	1745	1649	1633
54.0	3344	3934	3931	3580	2952	2245	1783	1578	1498	1489
56.0	3485	4090	4032	3618	2876	2067	1586	1402	1339	1336
58.0	3650	4231	4128	3655	2772	1848	1374	1224	1171	1173
60.0	3822	4349	4210	3685	2631	1577	1165	1049	1010	1008
62.0	3977	4425	4266	3692	2436	1267	974.8	886.0	848.8	845.1
64.0	4073	4437	4273	3654	2153	973.8	784.7	730.5	697.6	686.5
66.0	4043	4346	4202	3541	1699	741.3	618.9	581.9	548.4	539.6
68.0	3835	4095	3997	3302	1071	554.9	473.9	440.6	413.8	411.5
70.0	3476	3679	3623	2860	605.8	404.0	344.5	330.2	309.6	302.4
72.0	2992	3120	3083	2041	370.4	279.3	250.5	248.8	201.8	196.7
74.0	2280	2296	2383	1030	239.3	195.2	182.9	167.4	144.0	140.7
76.0	1463	1472	1531	387.7	167.6	142.4	137.6	121.0	113.9	110.4
78.0	941.6	778.1	960.4	271.9	118.8	99.08	104.7	88.98	83.74	84.22
80.0	422.4	372.7	391.9	156.0	85.38	72.27	71.87	62.90	59.09	55.48
82.0	199.7	172.8	205.8	101.1	58.42	47.78	46.11	40.50	35.41	13.74
84.0	67.67	67.29	119.9	52.17	31.28	26.72	24.51	22.73	18.74	3.873
86.0	18.68	22.58	34.81	18.53	12.46	11.39	10.45	10.48	8.556	2.072
88.0	8.992	7.963	6.681	5.100	3.773	3.351	3.144	3.344	2.903	1.439
90.0	8.557	7.085	5.295	3.662	2.613	2.048	1.848	1.707	1.631	1.497
92.0	9.621	7.987	6.013	4.235	3.045	2.396	2.151	1.985	1.909	1.815
94.0	10.70	8.917	6.771	4.841	3.522	2.780	2.491	2.314	2.233	2.161
96.0	11.76	9.838	7.551	5.471	4.032	3.204	2.874	2.680	2.591	2.547
98.0	12.76	10.74	8.320	6.107	4.574	3.660	3.286	3.073	2.990	2.949
100.0	13.72	11.61	9.091	6.760	5.132	4.149	3.724	3.494	3.408	3.370
102.0	14.58	12.44	9.818	7.406	5.688	4.653	4.182	3.932	3.842	3.797
104.0	15.34	13.21	10.52	8.032	6.249	5.173	4.656	4.389	4.290	4.236
106.0	16.05	13.92	11.20	8.650	6.817	5.685	5.133	4.858	4.759	4.702
108.0	16.68	14.57	11.81	9.244	7.374	6.220	5.610	5.318	5.228	5.187
110.0	17.22	15.13	12.39	9.818	7.941	6.764	6.098	5.793	5.703	5.674
112.0	17.70	15.63	12.92	10.40	8.511	7.288	6.593	6.278	6.206	6.172
114.0	18.12	16.10	13.46	10.99	9.079	7.822	7.101	6.776	6.732	6.708
116.0	18.53	16.54	13.99	11.58	9.634	8.358	7.609	7.306	7.266	7.250
118.0	18.93	17.02	14.51	12.15	10.19	8.892	8.143	7.843	7.792	7.794
120.0	19.29	17.45	15.05	12.71	10.73	9.413	8.685	8.379	8.347	8.349
122.0	19.59	17.87	15.55	13.23	11.24	9.920	9.229	8.922	8.891	8.886
124.0	19.85	18.23	16.01	13.71	11.72	10.43	9.740	9.455	9.413	9.396
126.0	20.02	18.54	16.41	14.12	12.18	10.92	10.24	9.982	9.915	9.881
128.0	20.12	18.76	16.72	14.49	12.62	11.40	10.73	10.47	10.38	10.34
130.0	20.13	18.89	16.95	14.82	13.02	11.86	11.19	10.93	10.84	10.78
132.0	20.08	18.95	17.11	15.11	13.39	12.28	11.63	11.36	11.26	11.21
134.0	20.00	18.94	17.25	15.36	13.74	12.67	12.06	11.78	11.67	11.62
136.0	19.91	18.92	17.34	15.58	14.07	13.05	12.48	12.18	12.06	12.02
138.0	19.80	18.85	17.38	15.78	14.38	13.43	12.88	12.57	12.45	12.40
140.0	19.66	18.77	17.42	15.96	14.69	13.79	13.27	12.96	12.83	12.78
142.0	19.50	18.66	17.44	16.13	15.00	14.16	13.64	13.34	13.21	13.16
144.0	19.33	18.57	17.46	16.30	15.29	14.53	14.01	13.71	13.58	13.52
146.0	19.15	18.45	17.49	16.53	15.59	14.90	14.39	14.08	13.94	13.87

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

148.0	18.97	18.38	17.57	16.75	15.91	15.24	14.75	14.45	14.30	14.22
150.0	18.87	18.38	17.69	16.98	16.21	15.57	15.12	14.82	14.67	14.58
152.0	18.84	18.44	17.88	17.25	16.54	15.92	15.47	15.18	15.06	14.95
154.0	18.87	18.57	18.11	17.51	16.86	16.26	15.83	15.58	15.45	15.34
156.0	18.97	18.73	18.35	17.79	17.18	16.60	16.22	15.99	15.86	15.75
158.0	19.12	18.92	18.62	18.11	17.52	16.99	16.64	16.44	16.30	16.18
160.0	19.30	19.18	18.90	18.42	17.87	17.38	17.07	16.89	16.76	16.61
162.0	19.55	19.46	19.21	18.76	18.23	17.79	17.51	17.32	17.20	17.02
164.0	19.81	19.79	19.53	19.10	18.61	18.19	17.93	17.76	17.62	17.42
166.0	20.12	20.12	19.87	19.45	18.98	18.59	18.34	18.18	18.02	17.85
168.0	20.43	20.46	20.21	19.79	19.35	19.00	18.77	18.61	18.43	18.26
170.0	20.78	20.80	20.56	20.10	19.72	19.40	19.19	19.02	18.83	18.68
172.0	21.15	21.16	20.88	20.41	20.09	19.79	19.59	19.42	19.26	19.12
174.0	21.54	21.54	21.12	20.73	20.45	20.16	19.97	19.82	19.68	19.56
176.0	21.91	21.79	21.34	21.05	20.76	20.53	20.36	20.22	20.10	20.02
178.0	22.11	21.90	21.50	21.28	21.04	20.86	20.72	20.62	20.52	20.46
180.0	22.21	21.92	21.65	21.48	21.26	21.14	21.01	20.95	20.86	20.84

G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223
2.0	2260	2259	2256	2253	2246	2241	2236	2229	2221	2216
4.0	2300	2295	2289	2282	2272	2262	2250	2236	2222	2209
6.0	2342	2336	2325	2314	2299	2283	2266	2246	2225	2205
8.0	2383	2376	2363	2348	2328	2307	2283	2257	2229	2203
10.0	2430	2419	2405	2384	2360	2333	2304	2273	2238	2205
12.0	2471	2460	2445	2423	2395	2364	2330	2292	2250	2209
14.0	2513	2500	2485	2464	2437	2397	2359	2313	2264	2216
16.0	2554	2543	2527	2505	2477	2436	2391	2339	2282	2226
18.0	2591	2582	2568	2550	2521	2479	2430	2367	2303	2236
20.0	2624	2618	2609	2595	2568	2522	2468	2399	2326	2249
22.0	2652	2648	2647	2642	2618	2571	2512	2434	2352	2264
24.0	2670	2674	2681	2686	2669	2623	2558	2474	2379	2280
26.0	2682	2692	2709	2727	2721	2678	2609	2515	2409	2295
28.0	2685	2703	2732	2763	2771	2736	2661	2557	2438	2312
30.0	2672	2704	2748	2795	2821	2796	2718	2601	2469	2330
32.0	2647	2692	2752	2825	2869	2857	2777	2649	2502	2346
34.0	2607	2665	2745	2843	2914	2918	2843	2700	2537	2363
36.0	2553	2626	2723	2849	2952	2981	2914	2754	2570	2378
38.0	2485	2569	2691	2845	2983	3045	2988	2812	2606	2392
40.0	2405	2499	2642	2830	3006	3107	3067	2874	2641	2405
42.0	2306	2404	2575	2803	3017	3165	3150	2943	2679	2416
44.0	2193	2308	2490	2758	3021	3216	3239	3024	2717	2428
46.0	2069	2189	2387	2698	3015	3260	3332	3116	2763	2438
48.0	1937	2058	2271	2618	2999	3300	3426	3221	2812	2450
50.0	1801	1918	2140	2520	2971	3339	3517	3343	2873	2464
52.0	1659	1767	1990	2389	2930	3372	3608	3483	2943	2479
54.0	1506	1601	1816	2258	2874	3404	3699	3634	3031	2498
56.0	1344	1422	1623	2093	2797	3434	3789	3792	3139	2520
58.0	1175	1243	1412	1888	2695	3459	3880	3943	3272	2543
60.0	1014	1066	1201	1635	2562	3483	3963	4075	3431	2565
62.0	854.0	901.4	1007	1335	2382	3497	4041	4187	3611	2578
64.0	703.3	746.6	814.3	1031	2134	3487	4092	4258	3780	2572
66.0	555.2	596.7	646.3	784.4	1761	3433	4093	4263	3868	2525
68.0	419.7	453.2	497.3	591.8	1203	3288	3997	4139	3795	2408
70.0	313.7	339.5	363.1	434.4	650.3	2989	3746	3834	3533	2203
72.0	203.9	255.8	263.1	302.8	410.6	2221	3302	3358	3133	1928
74.0	145.2	172.2	191.3	208.3	266.8	1452	2689	2733	2464	1608
76.0	114.9	124.7	143.3	151.9	180.7	582.9	1921	1896	1795	1229
78.0	84.63	91.50	110.3	106.1	126.2	278.3	1080	1077	1084	831.9
80.0	60.04	65.08	77.44	77.44	91.04	181.1	551.4	547.1	579.9	495.2
82.0	36.24	42.44	50.40	52.82	63.41	119.4	281.9	324.2	342.6	257.8
84.0	19.05	24.20	27.53	30.69	36.44	65.54	141.0	101.9	106.4	143.6
86.0	8.634	11.43	12.21	13.65	15.59	25.88	54.23	33.64	27.11	29.64
88.0	3.012	3.778	3.805	4.267	4.541	6.478	9.495	9.223	9.055	9.327
90.0	1.612	1.694	1.778	1.944	2.350	3.223	4.568	6.209	7.354	8.095
92.0	1.868	1.918	2.035	2.218	2.724	3.701	5.275	7.124	8.622	9.495
94.0	2.203	2.252	2.374	2.602	3.196	4.321	6.083	8.146	9.930	10.92
96.0	2.562	2.613	2.753	3.025	3.699	4.983	6.952	9.189	11.26	12.36
98.0	2.970	3.014	3.169	3.472	4.258	5.675	7.824	10.23	12.56	13.75
100.0	3.392	3.434	3.606	3.955	4.834	6.388	8.710	11.26	13.79	15.06
102.0	3.813	3.868	4.055	4.463	5.423	7.107	9.571	12.24	14.92	16.21
104.0	4.259	4.320	4.516	4.983	6.010	7.812	10.40	13.18	15.89	17.15
106.0	4.731	4.778	4.998	5.506	6.610	8.504	11.20	14.06	16.70	17.90
108.0	5.205	5.255	5.489	6.041	7.204	9.169	11.95	14.87	17.40	18.53
110.0	5.697	5.736	5.985	6.590	7.801	9.807	12.64	15.60	17.97	19.06

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

112.0	6.193	6.231	6.487	7.146	8.401	10.44	13.24	16.20	18.44	19.45
114.0	6.706	6.743	7.003	7.703	9.008	11.06	13.81	16.72	18.80	19.74
116.0	7.246	7.262	7.537	8.259	9.594	11.68	14.34	17.16	19.11	19.98
118.0	7.776	7.779	8.063	8.809	10.17	12.26	14.85	17.55	19.44	20.21
120.0	8.301	8.304	8.587	9.326	10.72	12.79	15.29	17.88	19.79	20.43
122.0	8.816	8.821	9.103	9.836	11.22	13.24	15.62	18.09	20.10	20.57
124.0	9.312	9.325	9.585	10.34	11.67	13.59	15.83	18.15	20.36	20.67
126.0	9.783	9.813	10.05	10.80	12.08	13.88	15.92	18.09	20.56	20.71
128.0	10.23	10.26	10.49	11.24	12.45	14.06	15.94	17.93	20.69	20.72
130.0	10.66	10.69	10.92	11.64	12.77	14.22	15.87	17.71	20.81	20.73
132.0	11.09	11.10	11.35	12.02	13.05	14.36	15.81	17.47	20.96	20.79
134.0	11.48	11.48	11.75	12.37	13.33	14.49	15.78	17.27	21.19	21.03
136.0	11.86	11.86	12.15	12.68	13.55	14.58	15.76	17.15	21.41	21.32
138.0	12.24	12.22	12.49	12.99	13.75	14.70	15.76	17.08	21.59	21.54
140.0	12.60	12.57	12.84	13.29	13.93	14.81	15.80	17.06	21.68	21.65
142.0	12.98	12.91	13.16	13.57	14.14	14.90	15.87	17.06	21.66	21.68
144.0	13.33	13.25	13.48	13.85	14.34	15.03	15.93	17.07	21.57	21.61
146.0	13.68	13.60	13.78	14.10	14.54	15.19	16.02	17.06	21.38	21.42
148.0	14.04	13.93	14.07	14.37	14.77	15.36	16.14	17.09	21.21	21.29
150.0	14.39	14.27	14.38	14.62	15.01	15.55	16.29	17.16	21.02	21.14
152.0	14.77	14.63	14.69	14.88	15.27	15.79	16.48	17.27	20.89	21.02
154.0	15.15	15.00	15.02	15.18	15.54	16.03	16.71	17.43	20.80	20.94
156.0	15.55	15.39	15.38	15.51	15.82	16.31	16.95	17.62	20.74	20.87
158.0	15.98	15.81	15.77	15.87	16.16	16.61	17.21	17.85	20.76	20.85
160.0	16.41	16.24	16.18	16.27	16.53	16.94	17.50	18.09	20.80	20.83
162.0	16.85	16.70	16.63	16.72	16.93	17.31	17.82	18.36	20.82	20.81
164.0	17.27	17.15	17.09	17.17	17.36	17.70	18.15	18.64	20.97	20.92
166.0	17.71	17.62	17.58	17.65	17.83	18.10	18.49	18.96	21.14	21.05
168.0	18.15	18.09	18.07	18.14	18.30	18.52	18.86	19.28	21.32	21.18
170.0	18.59	18.56	18.57	18.65	18.77	18.95	19.24	19.61	21.52	21.33
172.0	19.05	19.04	19.08	19.16	19.27	19.40	19.64	19.97	21.76	21.52
174.0	19.52	19.53	19.58	19.67	19.76	19.87	20.06	20.36	22.03	21.72
176.0	20.00	20.03	20.08	20.16	20.24	20.34	20.49	20.74	22.21	21.87
178.0	20.47	20.52	20.55	20.62	20.66	20.72	20.82	21.02	22.24	21.90
180.0	20.85	20.92	20.94	20.99	20.98	21.01	21.06	21.19	22.22	21.92

G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	2223	2223	2223	2223	2223	2223	2223	2223	2223	2223
2.0	2209	2202	2197	2193	2189	2186	2186	2185	2186	2188
4.0	2195	2183	2173	2165	2158	2153	2150	2149	2151	2155
6.0	2186	2168	2152	2138	2127	2119	2116	2115	2117	2123
8.0	2178	2154	2130	2112	2099	2089	2086	2084	2087	2095
10.0	2172	2141	2111	2090	2072	2059	2052	2050	2055	2067
12.0	2169	2129	2095	2066	2043	2027	2019	2018	2023	2036
14.0	2167	2120	2076	2041	2014	1996	1988	1986	1992	2007
16.0	2166	2109	2058	2017	1986	1966	1956	1954	1961	1977
18.0	2167	2099	2039	1991	1956	1934	1923	1921	1929	1945
20.0	2168	2088	2020	1966	1926	1902	1891	1888	1896	1914
22.0	2170	2077	1999	1939	1895	1870	1857	1854	1862	1882
24.0	2172	2066	1978	1912	1864	1836	1823	1820	1828	1848
26.0	2173	2054	1954	1881	1830	1800	1789	1786	1795	1814
28.0	2173	2039	1929	1848	1795	1766	1755	1753	1761	1779
30.0	2172	2022	1901	1813	1758	1731	1719	1718	1727	1744
32.0	2169	2002	1870	1775	1720	1692	1682	1682	1690	1707
34.0	2165	1980	1835	1735	1680	1653	1644	1643	1651	1668
36.0	2158	1954	1794	1691	1636	1613	1604	1604	1612	1626
38.0	2148	1923	1748	1644	1592	1571	1562	1560	1569	1582
40.0	2135	1887	1701	1594	1546	1525	1517	1517	1523	1536
42.0	2119	1846	1648	1544	1497	1478	1472	1472	1476	1488
44.0	2099	1797	1591	1490	1447	1430	1424	1424	1428	1438
46.0	2076	1745	1532	1433	1395	1381	1375	1374	1377	1387
48.0	2049	1686	1469	1373	1341	1330	1323	1322	1324	1335
50.0	2017	1620	1401	1313	1284	1278	1270	1269	1270	1280
52.0	1982	1548	1330	1251	1226	1222	1216	1213	1214	1224
54.0	1942	1473	1258	1186	1165	1162	1156	1149	1153	1162
56.0	1897	1388	1184	1118	1100	1096	1089	1080	1086	1093
58.0	1846	1297	1107	1041	1029	1018	1018	1005	1013	1014
60.0	1787	1201	1027	971.7	953.5	940.4	936.1	920.6	928.3	934.5
62.0	1721	1102	943.3	893.1	870.5	849.4	840.2	827.7	832.7	838.1
64.0	1642	1000	856.4	805.2	777.0	751.3	745.0	737.5	739.3	740.3
66.0	1546	898.3	766.5	709.7	675.9	658.3	657.5	652.9	651.9	648.2
68.0	1425	793.7	669.5	605.2	582.1	571.9	559.0	527.2	549.6	560.7
70.0	1273	687.4	565.2	507.3	495.5	473.8	409.8	372.1	398.8	458.0
72.0	1088	577.2	457.1	420.3	406.1	351.7	284.5	227.4	275.7	333.3
74.0	881.4	461.0	364.2	333.8	318.3	230.0	159.3	140.8	152.7	206.8

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

76.0	663.7	343.3	273.7	244.2	223.9	124.9	93.21	87.88	90.15	114.3
78.0	455.7	246.0	156.0	132.6	129.6	67.76	58.23	53.13	54.88	60.59
80.0	301.1	147.9	86.74	67.46	65.09	34.13	25.80	20.95	23.32	28.47
82.0	146.5	73.61	50.87	37.86	27.67	12.97	5.690	1.671	4.012	9.543
84.0	49.64	31.28	24.56	17.91	10.44	4.382	1.485	0.5508	1.081	3.180
86.0	17.82	13.16	9.669	6.005	3.405	1.557	0.7946	0.7026	0.7488	1.274
88.0	8.302	6.230	4.169	2.247	1.281	0.9856	0.8911	0.9016	0.9165	0.9967
90.0	7.487	5.934	3.995	2.301	1.374	1.213	1.150	1.152	1.167	1.264
92.0	8.902	7.176	4.999	3.057	1.817	1.541	1.451	1.453	1.470	1.592
94.0	10.34	8.475	6.076	3.888	2.375	1.945	1.823	1.819	1.843	2.001
96.0	11.79	9.824	7.206	4.818	3.025	2.424	2.253	2.259	2.281	2.482
98.0	13.23	11.18	8.396	5.815	3.773	2.976	2.760	2.748	2.792	3.039
100.0	14.55	12.48	9.542	6.862	4.613	3.614	3.323	3.301	3.347	3.674
102.0	15.70	13.58	10.59	7.895	5.499	4.321	3.939	3.912	3.975	4.369
104.0	16.57	14.48	11.51	8.817	6.446	5.080	4.613	4.561	4.648	5.106
106.0	17.25	15.21	12.31	9.644	7.380	5.866	5.323	5.258	5.356	5.869
108.0	17.85	15.80	13.00	10.39	8.273	6.686	6.069	5.978	6.084	6.660
110.0	18.38	16.29	13.60	11.08	9.103	7.533	6.857	6.733	6.870	7.461
112.0	18.77	16.72	14.17	11.77	9.851	8.358	7.669	7.514	7.663	8.253
114.0	19.07	17.17	14.76	12.46	10.58	9.188	8.509	8.328	8.496	9.033
116.0	19.34	17.64	15.38	13.15	11.30	10.01	9.357	9.164	9.327	9.833
118.0	19.60	18.12	15.97	13.84	12.05	10.83	10.22	10.00	10.16	10.63
120.0	19.84	18.54	16.54	14.51	12.80	11.65	11.08	10.85	11.01	11.44
122.0	19.99	18.81	17.03	15.15	13.56	12.45	11.93	11.70	11.86	12.26
124.0	20.05	18.92	17.35	15.75	14.30	13.25	12.77	12.54	12.68	13.09
126.0	20.02	18.87	17.51	16.24	14.99	14.03	13.57	13.36	13.49	13.89
128.0	19.94	18.72	17.60	16.62	15.58	14.79	14.34	14.14	14.27	14.71
130.0	19.80	18.56	17.65	16.90	16.08	15.46	15.06	14.87	15.00	15.46
132.0	19.71	18.46	17.66	17.10	16.52	16.04	15.72	15.56	15.68	16.15
134.0	19.76	18.45	17.69	17.26	16.88	16.54	16.31	16.18	16.31	16.79
136.0	19.93	18.56	17.75	17.41	17.21	16.98	16.84	16.76	16.88	17.37
138.0	20.15	18.75	17.90	17.58	17.50	17.35	17.31	17.28	17.40	17.88
140.0	20.37	18.98	18.07	17.77	17.71	17.68	17.72	17.75	17.86	18.34
142.0	20.57	19.17	18.31	18.03	17.94	17.95	18.07	18.14	18.27	18.73
144.0	20.67	19.36	18.59	18.32	18.13	18.19	18.36	18.49	18.63	19.08
146.0	20.67	19.54	18.86	18.55	18.33	18.43	18.64	18.80	18.95	19.38
148.0	20.71	19.79	19.17	18.84	18.59	18.68	18.91	19.09	19.26	19.68
150.0	20.72	19.98	19.43	19.08	18.82	18.92	19.14	19.31	19.49	19.91
152.0	20.74	20.16	19.64	19.32	19.07	19.17	19.36	19.50	19.68	20.09
154.0	20.74	20.29	19.84	19.54	19.33	19.39	19.58	19.70	19.87	20.22
156.0	20.72	20.38	20.01	19.78	19.58	19.64	19.79	19.90	20.06	20.37
158.0	20.72	20.47	20.19	20.01	19.85	19.89	20.01	20.09	20.24	20.51
160.0	20.74	20.55	20.33	20.22	20.08	20.13	20.22	20.29	20.42	20.63
162.0	20.75	20.60	20.45	20.38	20.26	20.32	20.39	20.45	20.55	20.73
164.0	20.86	20.78	20.64	20.61	20.52	20.58	20.62	20.68	20.75	20.90
166.0	20.99	20.96	20.85	20.83	20.78	20.84	20.86	20.90	20.95	21.06
168.0	21.11	21.10	20.99	20.99	20.96	21.01	21.03	21.05	21.09	21.16
170.0	21.24	21.22	21.13	21.12	21.10	21.14	21.12	21.14	21.18	21.24
172.0	21.41	21.38	21.29	21.27	21.21	21.20	21.19	21.21	21.26	21.30
174.0	21.58	21.51	21.38	21.31	21.26	21.26	21.23	21.23	21.27	21.32
176.0	21.68	21.53	21.38	21.31	21.26	21.23	21.21	21.19	21.21	21.24
178.0	21.69	21.52	21.36	21.26	21.18	21.12	21.08	21.06	21.09	21.14
180.0	21.65	21.45	21.28	21.13	21.01	20.94	20.86	20.82	20.86	20.91

G/C	300.0	310.0	320.0	330.0	340.0	350.0
0.0	2223	2223	2223	2223	2223	2223
2.0	2191	2195	2200	2206	2212	2218
4.0	2161	2170	2180	2192	2205	2218
6.0	2132	2147	2161	2179	2199	2218
8.0	2107	2125	2144	2169	2195	2221
10.0	2083	2104	2130	2160	2193	2228
12.0	2055	2083	2114	2152	2195	2236
14.0	2029	2062	2099	2146	2196	2248
16.0	2003	2039	2084	2140	2200	2264
18.0	1975	2016	2068	2131	2205	2280
20.0	1945	1991	2050	2125	2210	2299
22.0	1915	1965	2033	2117	2215	2318
24.0	1884	1937	2012	2109	2221	2340
26.0	1850	1908	1990	2099	2225	2362
28.0	1815	1875	1965	2086	2229	2386
30.0	1779	1839	1936	2070	2233	2409
32.0	1740	1801	1905	2053	2235	2433
34.0	1699	1759	1866	2032	2235	2457
36.0	1654	1713	1823	2003	2233	2481
38.0	1609	1664	1776	1971	2227	2503

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

40.0	1561	1614	1724	1934	2219	2523
42.0	1510	1561	1670	1890	2206	2547
44.0	1457	1505	1611	1839	2193	2566
46.0	1404	1446	1550	1784	2174	2586
48.0	1348	1385	1484	1722	2152	2609
50.0	1289	1321	1414	1654	2125	2632
52.0	1229	1256	1341	1580	2094	2659
54.0	1167	1190	1266	1501	2058	2687
56.0	1100	1121	1190	1415	2014	2719
58.0	1027	1045	1111	1326	1964	2748
60.0	947.0	970.0	1029	1231	1906	2768
62.0	860.1	885.2	942.4	1134	1835	2766
64.0	761.2	792.3	852.3	1031	1743	2727
66.0	661.0	691.7	756.2	927.8	1625	2624
68.0	568.1	586.5	652.3	818.8	1473	2436
70.0	479.8	490.9	543.3	702.5	1288	2170
72.0	389.5	401.9	436.7	578.2	1069	1856
74.0	300.6	313.9	344.8	446.0	832.8	1495
76.0	196.1	214.4	236.3	320.7	597.8	1081
78.0	105.4	135.2	128.2	217.8	386.9	688.3
80.0	50.32	56.20	75.01	118.2	247.4	389.1
82.0	19.83	30.48	41.24	57.71	107.9	192.3
84.0	7.824	13.56	18.21	24.12	35.17	105.7
86.0	2.533	4.307	7.393	10.30	13.79	19.27
88.0	1.208	1.977	3.570	5.507	7.406	8.370
90.0	1.452	2.377	3.998	5.992	7.682	8.471
92.0	1.904	3.081	4.907	7.143	9.000	9.819
94.0	2.465	3.857	5.884	8.336	10.33	11.19
96.0	3.101	4.709	6.923	9.566	11.65	12.53
98.0	3.826	5.609	7.977	10.75	12.92	13.82
100.0	4.615	6.554	8.999	11.85	14.06	15.01
102.0	5.459	7.481	9.934	12.79	15.02	16.03
104.0	6.334	8.349	10.76	13.56	15.76	16.85
106.0	7.210	9.159	11.49	14.22	16.39	17.53
108.0	8.062	9.908	12.17	14.81	16.96	18.12
110.0	8.857	10.64	12.83	15.34	17.48	18.60
112.0	9.606	11.39	13.50	15.89	17.94	18.99
114.0	10.35	12.15	14.17	16.48	18.39	19.32
116.0	11.09	12.92	14.91	17.15	18.87	19.64
118.0	11.84	13.68	15.70	17.85	19.37	19.96
120.0	12.61	14.44	16.54	18.57	19.86	20.20
122.0	13.39	15.20	17.34	19.24	20.30	20.35
124.0	14.19	16.00	18.08	19.84	20.62	20.42
126.0	14.95	16.76	18.75	20.35	20.85	20.40
128.0	15.69	17.47	19.38	20.75	21.02	20.35
130.0	16.39	18.10	19.94	21.11	21.18	20.30
132.0	17.07	18.67	20.47	21.46	21.32	20.26
134.0	17.67	19.15	20.96	21.77	21.55	20.33
136.0	18.24	19.63	21.35	21.99	21.76	20.40
138.0	18.75	20.12	21.60	22.13	21.90	20.44
140.0	19.18	20.54	21.73	22.22	21.95	20.44
142.0	19.55	20.83	21.79	22.23	21.89	20.42
144.0	19.88	21.05	21.82	22.16	21.76	20.34
146.0	20.16	21.19	21.81	22.04	21.55	20.19
148.0	20.38	21.27	21.82	21.95	21.42	20.14
150.0	20.55	21.31	21.80	21.84	21.30	20.12
152.0	20.67	21.32	21.74	21.76	21.22	20.14
154.0	20.73	21.30	21.65	21.65	21.16	20.20
156.0	20.79	21.26	21.56	21.54	21.07	20.26
158.0	20.86	21.21	21.47	21.45	21.02	20.32
160.0	20.92	21.17	21.35	21.33	20.96	20.36
162.0	20.94	21.12	21.21	21.21	20.88	20.38
164.0	21.04	21.17	21.18	21.17	20.90	20.50
166.0	21.16	21.23	21.20	21.15	20.96	20.61
168.0	21.21	21.25	21.20	21.12	21.00	20.71
170.0	21.26	21.26	21.21	21.12	21.04	20.82
172.0	21.32	21.32	21.26	21.18	21.10	20.99
174.0	21.33	21.33	21.28	21.24	21.17	21.14
176.0	21.27	21.27	21.25	21.22	21.20	21.23
178.0	21.15	21.16	21.15	21.14	21.18	21.24
180.0	20.95	20.99	20.99	21.01	21.08	21.19

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:51.4-MIN:47.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-2-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L