ANEXO 25-0174-3-A VIALIT II 48 LED 50W

DRIVER MOSO X6-060M052L

SPD ZYS-P10WD



Light Output Ratio:	100.0%		
Luminaire Power:	50.47 W		
I80 =	45.4 cd per klm.	I88 =	0.9 cd per klm.
I90 =	0.9 cd per klm.	I80/I88 =	49.301

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

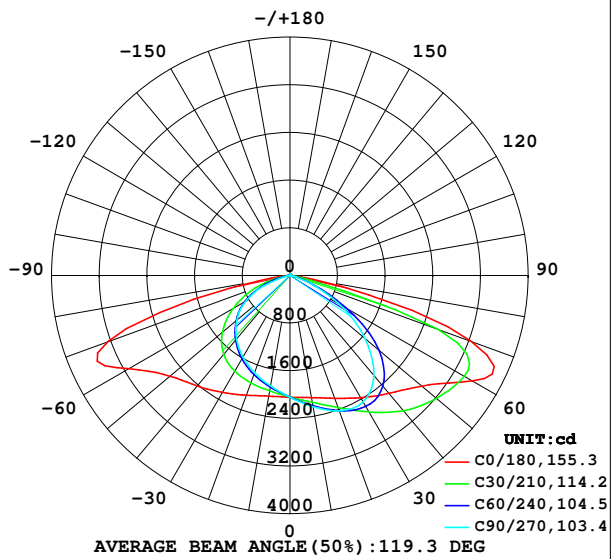
γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

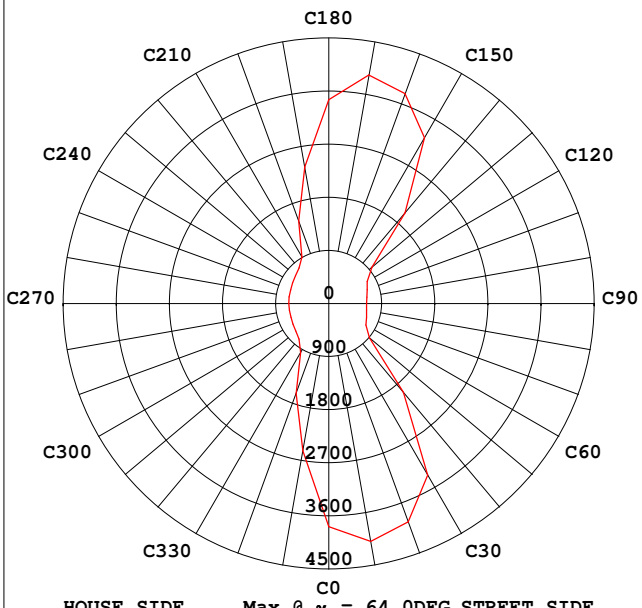
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 173.40 lm/W	
MODEL	--	Imax(cd)	4093	η street_up(%)	0.4
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	59.9
RATED VOLTAGE(V)	----	TOTAL FLUX(lm)	8751	η house_up(%)	0.5
NOMINAL FLUX(lm)	8750.68	MAXIMUM @(C,γ)	10,64.0	η house_down(%)	39.3
LAMPS INSIDE	1	η up(%)	0.8	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	99.2	SLI	

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



AVERAGE BEAM ANGLE(50%):119.3 DEG

MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



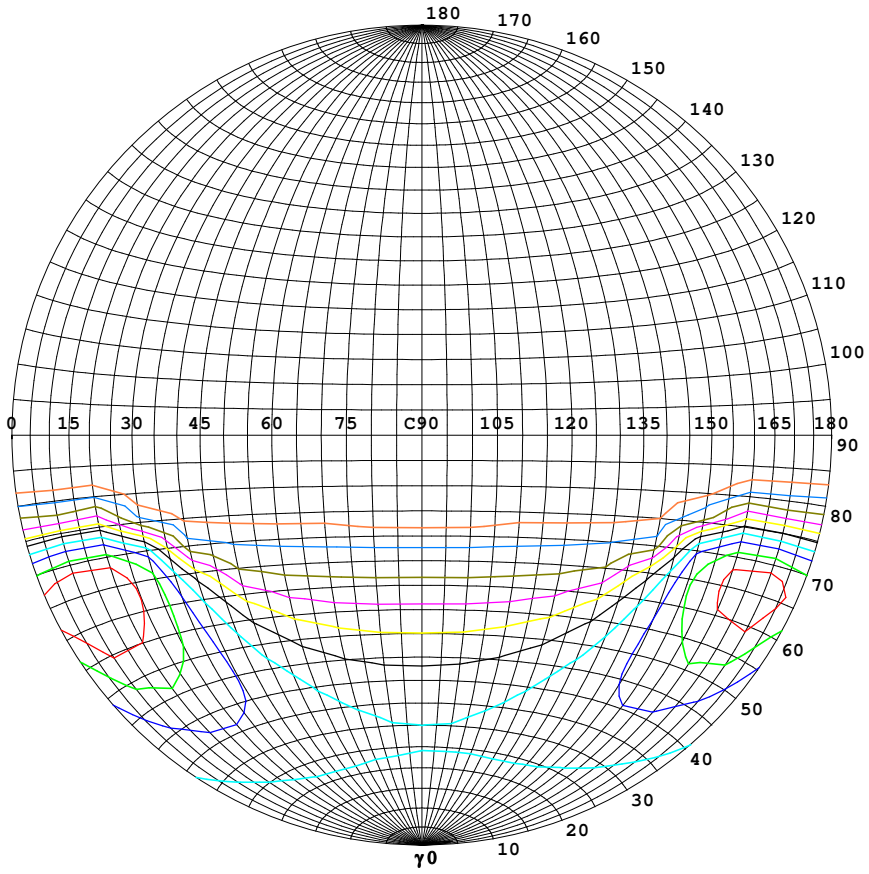
HOUSE SIDE Max @ γ = 64.0DEG STREET SIDE

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



Classification:

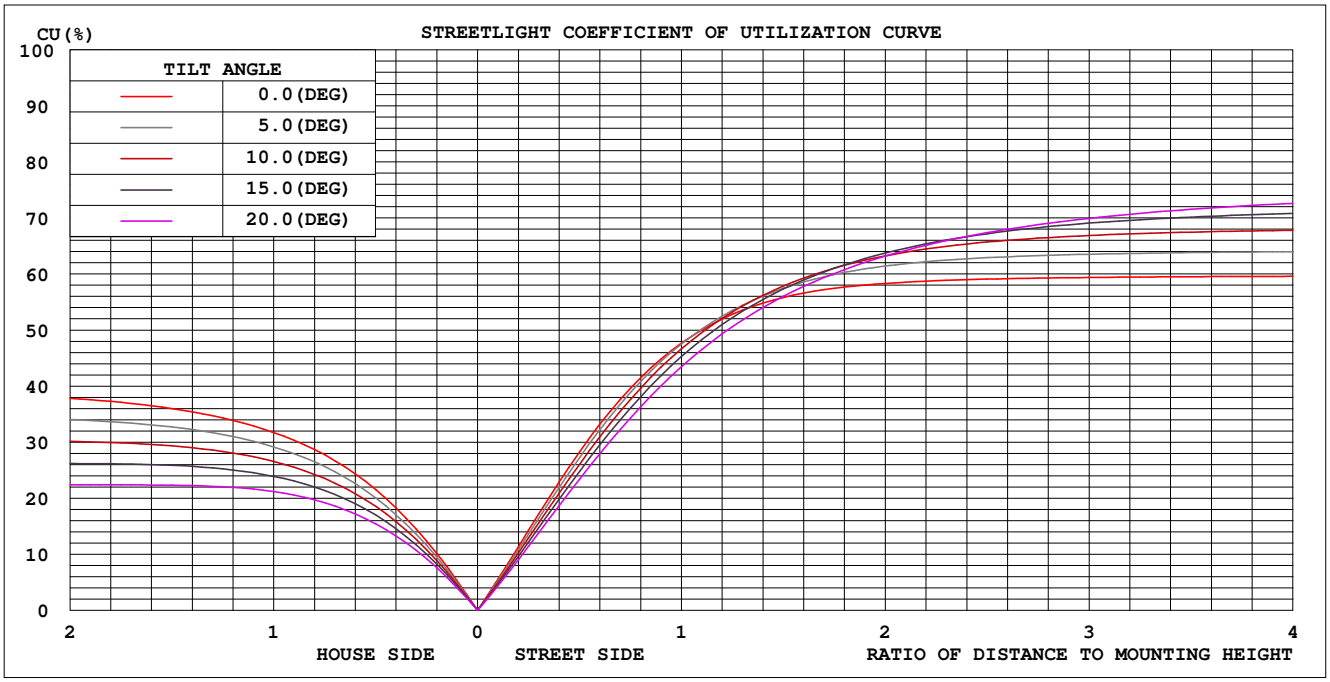
IES:Type II - Short
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:61.35cd/klm
Max.At90:0.8984cd/klm
Max.80-90:61.35cd/klm
NRB 5101:Semi limited[20.0%]

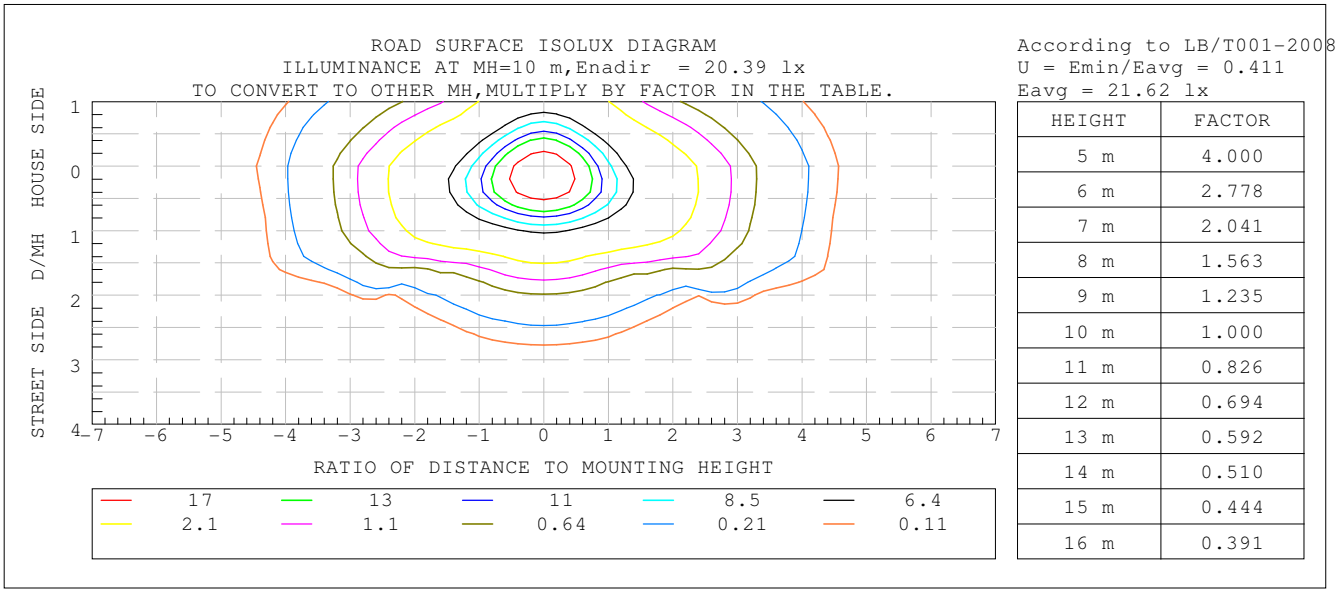
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4093
90%	3684
80%	3275
70%	2865
60%	2456
50%	2047
40%	1637
30%	1228
20%	819
10%	409
5%	205

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM





According to LB/T001-2008:
U = Emin/Eavg = 0.411
Eavg = 21.62 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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

ZONAL FLUX DIAGRAM

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

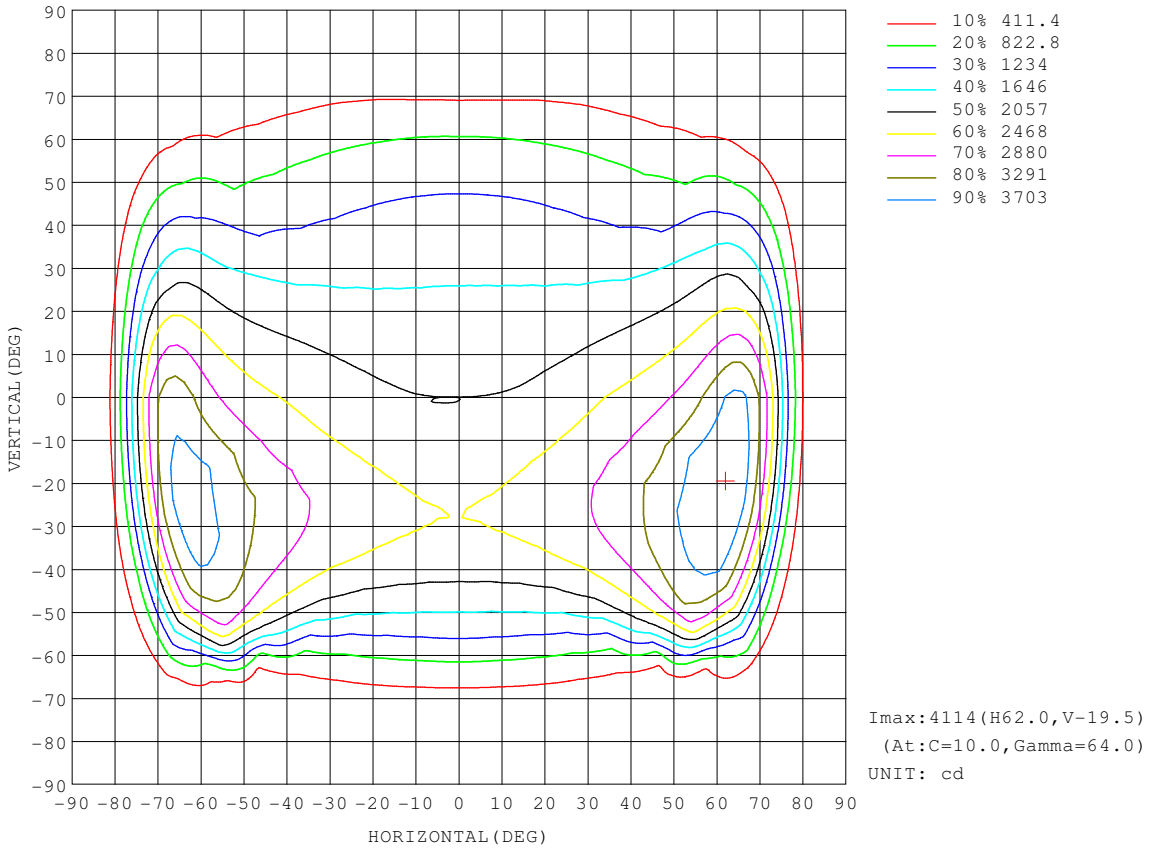
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2083	2194	2238	2182	2057	1933	1886	1947	0- 10	196.1	196.1	2.24,2.24
20	2195	2404	2420	2376	2138	1832	1738	1860	10- 20	593.4	789.5	9.02,9.02
30	2370	2626	2458	2587	2269	1706	1582	1739	20- 30	993.7	1783	20.4,20.4
40	2583	2725	2195	2694	2424	1513	1397	1540	30- 40	1357	3141	35.9,35.9
50	2891	2560	1643	2543	2633	1245	1168	1263	40- 50	1611	4752	54.3,54.3
60	3543	1934	938.1	1960	3131	917.2	847.7	924.6	50- 60	1703	6455	73.8,73.8
70	3230	466.8	287.1	508.1	3248	490.9	338.7	480.8	60- 70	1514	7969	91.1,91.1
80	397.6	73.20	51.79	76.62	536.9	69.09	18.49	61.74	70- 80	659.7	8628	98.6,98.6
90	7.861	2.117	1.380	1.976	6.840	2.940	1.081	2.973	80- 90	47.88	8676	99.2,99.2
100	12.58	4.240	3.088	4.095	12.76	7.586	3.086	7.229	90-100	5.500	8682	99.2,99.2
110	15.84	6.727	5.225	6.684	16.57	11.36	6.260	10.89	100-110	8.911	8691	99.3,99.3
120	17.60	9.216	7.673	9.273	18.17	14.33	10.01	14.36	110-120	11.15	8702	99.4,99.4
130	18.39	11.39	9.917	11.26	19.07	15.93	13.69	17.56	120-130	12.20	8714	99.6,99.6
140	18.00	13.06	11.75	12.54	19.87	16.51	16.32	19.44	130-140	11.72	8726	99.7,99.7
150	17.32	14.58	13.40	13.66	19.32	17.71	17.77	19.80	140-150	10.15	8736	99.8,99.8
160	17.73	16.15	15.24	15.09	19.08	18.64	18.67	19.56	150-160	7.849	8744	99.9,99.9
170	19.10	17.94	17.17	17.21	19.74	19.40	19.46	19.50	160-170	5.090	8749	100,100
180	20.42	19.46	19.13	19.26	20.43	19.46	19.13	19.26	170-180	1.811	8751	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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED
DRIVER MOSO X6-060M052L

ISOCANDELA DIAGRAM

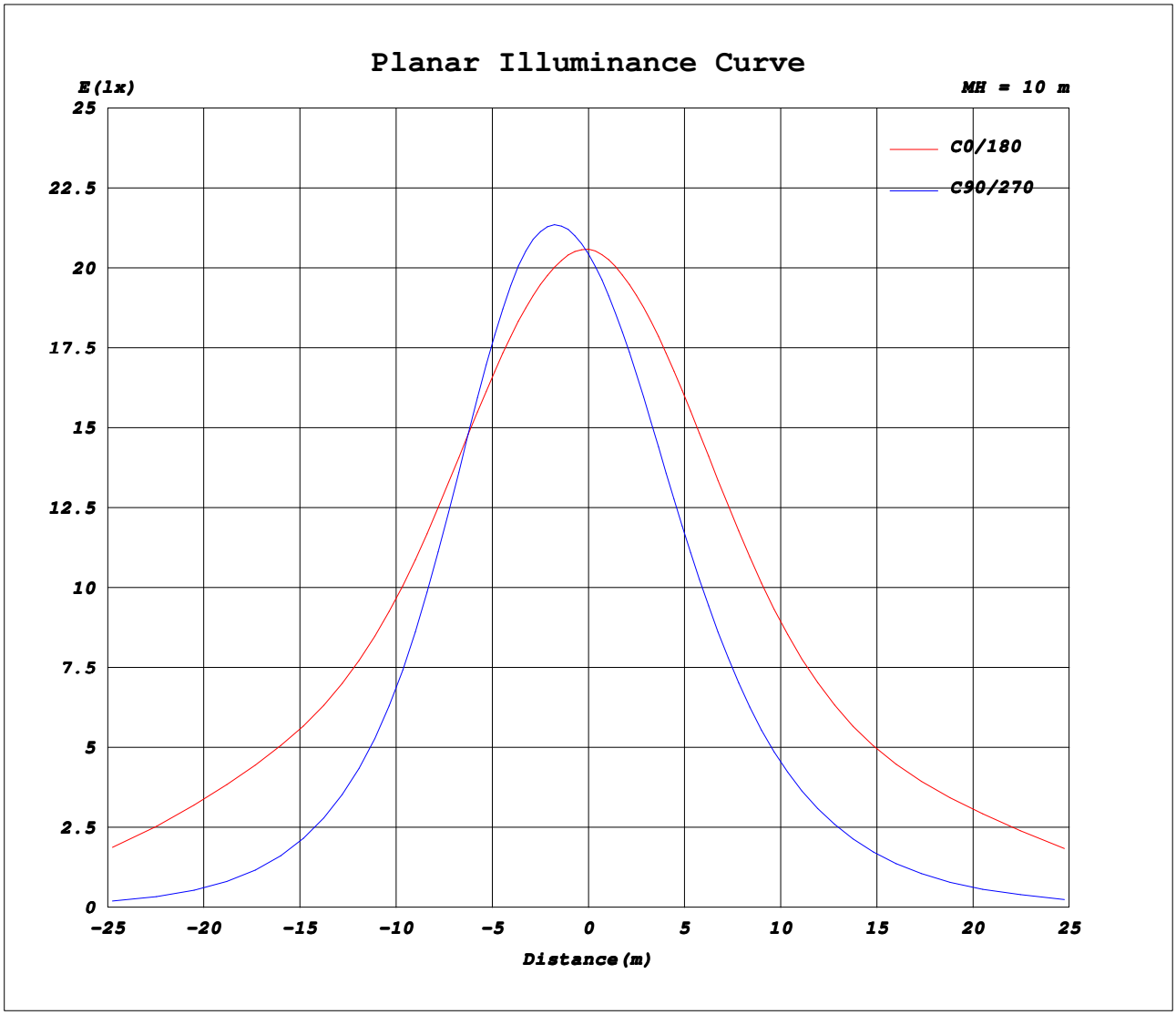
Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators: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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 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.**

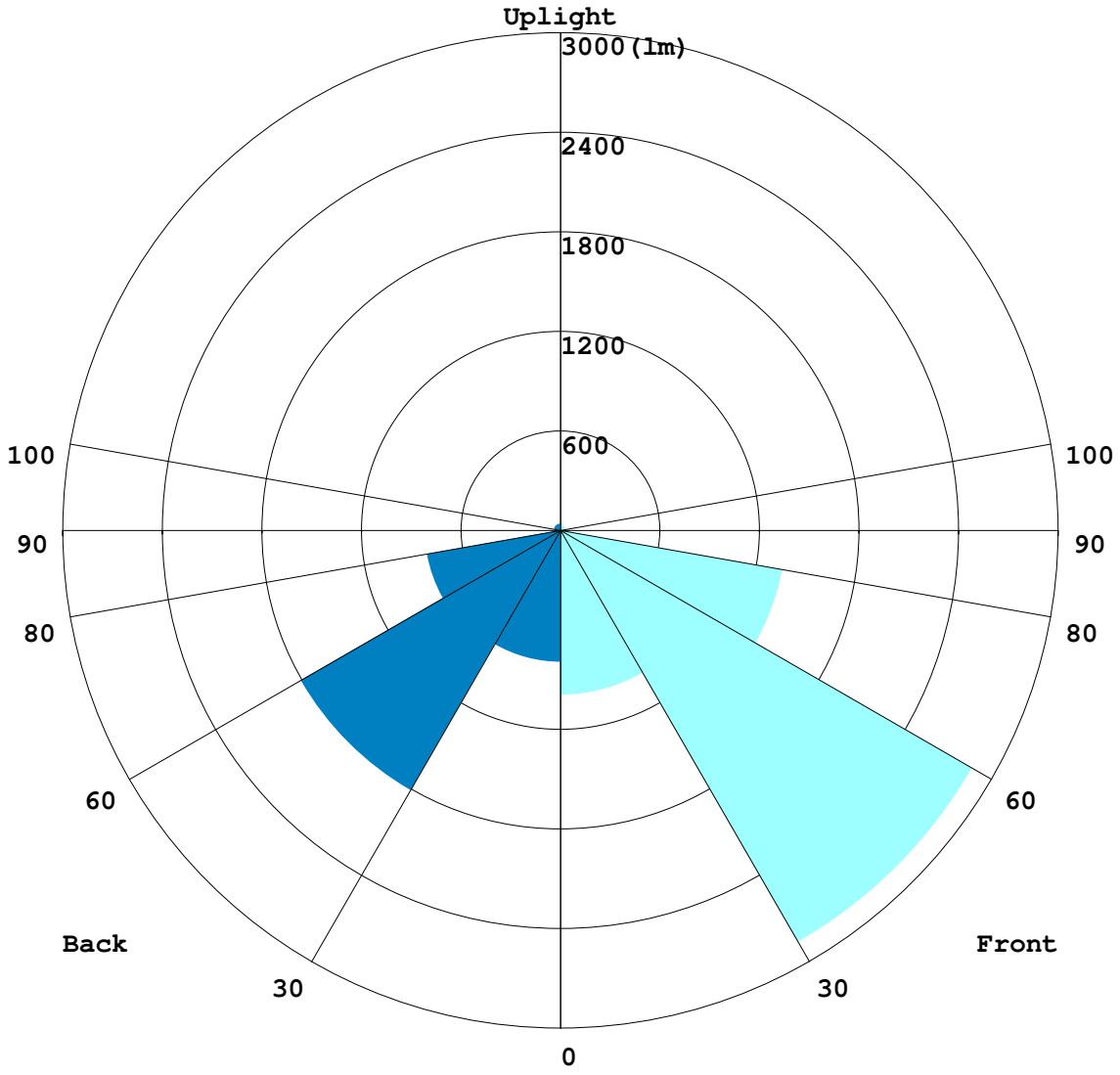
Testing Procedure: **Las prueba fue realizada de acuerdo con la norma LM 79 de 2019.**
Tiempo de estabilizacion: 0:19':50"
Tiempo de ensayo: 0:30':59"

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:55.2-MIN:44.1%***
Operators:Fabian Loaiza	***Test Distance:7.080m [K=1.0000]***
Test Date:2025-06-09	***Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L***

LCS REPORT

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
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: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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

BUG REPORT

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	990.47	11.3
FM - Front-Medium(30-60)	2863.7	32.7
FH - Front-High(60-80)	1357.1	15.5
FVH - Front-Very High(80-90)	27.359	0.3
Total Forward Light	5270.9	60.2

BL - Back-Low(0-30)	792.75	9.1
BM - Back-Medium(30-60)	1807.9	20.7
BH - Back-High(60-80)	816.45	9.3
BVH - Back-Very High(80-90)	20.522	0.2
Total Back Light	3479.8	39.8

UL - Uplight-Low(90-100)	5.5001	0.1
UH - Uplight-High(100-180)	68.872	0.8
Total Up Light	74.372	0.8

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

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3437.6	42.207	3479.8
Street Side	5238.7	32.165	5270.9

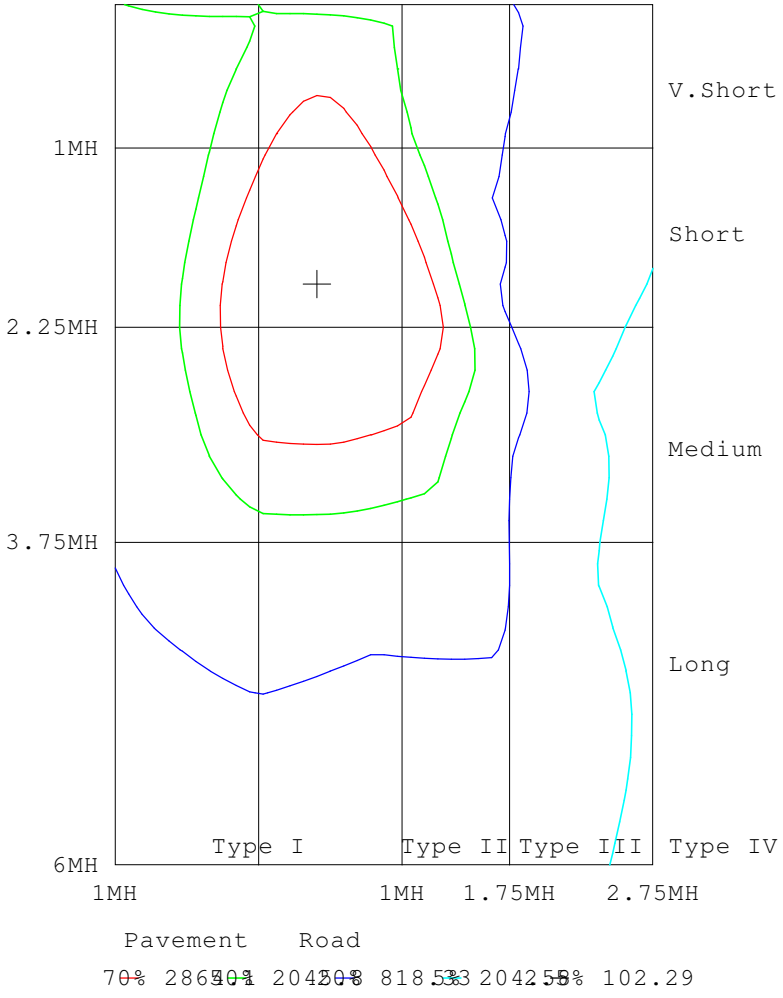
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

ROAD ISOCANDELA REPORT

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
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: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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
5	2053	2065	2076	2086	2097	2104	2108	2113	2117	2118	2115	2112	2108	2099	2090	2080	2069	2056	2043
10	2083	2112	2138	2163	2185	2204	2218	2230	2236	2238	2233	2224	2212	2191	2172	2146	2119	2089	2057
15	2119	2160	2199	2230	2258	2279	2297	2309	2315	2316	2312	2302	2286	2266	2239	2207	2168	2126	2083
20	2195	2259	2317	2362	2397	2411	2418	2418	2422	2420	2422	2410	2403	2389	2363	2322	2269	2205	2138
25	2260	2343	2416	2467	2500	2498	2482	2469	2464	2458	2458	2463	2472	2472	2458	2413	2353	2274	2186
30	2370	2487	2588	2646	2648	2603	2541	2497	2463	2458	2464	2493	2535	2576	2598	2575	2497	2392	2269
35	2452	2603	2727	2773	2737	2644	2535	2455	2401	2389	2405	2461	2534	2622	2685	2687	2613	2482	2328
40	2583	2806	2970	2967	2824	2627	2430	2294	2213	2195	2224	2307	2443	2614	2773	2865	2821	2638	2424
45	2687	2983	3150	3074	2841	2552	2284	2110	2016	1997	2029	2135	2307	2551	2793	2968	2982	2777	2492
50	2891	3338	3431	3211	2798	2321	1951	1753	1660	1643	1668	1777	1985	2334	2752	3087	3243	3074	2633
55	3094	3627	3615	3289	2709	2066	1649	1464	1392	1383	1397	1485	1688	2096	2667	3150	3415	3346	2775
60	3543	4007	3874	3382	2411	1456	1083	977	937	938	938	990	1116	1528	2392	3232	3665	3761	3131
65	3781	4093	3937	3357	1967	905	732	682	653	643	656	695	756	962	2009	3246	3785	3931	3456
70	3230	3414	3357	2634	555	378	324	310	292	287	294	316	337	401	615	2802	3455	3526	3248
75	2134	2225	2227	940	223	183	172	157	136	132	137	161	177	192	245	1388	2468	2398	2274
80	398	355	372	141	78.8	67.6	67.7	59.1	55.8	51.8	56.2	60.7	71.6	70.6	82.7	169	501	488	537
85	63.1	64.9	114	48.0	29.1	25.4	23.3	21.7	17.5	3.67	18.3	22.6	25.4	27.7	32.5	59.4	126	87.3	98.6
90	7.86	6.49	4.84	3.34	2.37	1.86	1.69	1.58	1.49	1.38	1.49	1.56	1.65	1.79	2.17	2.98	4.27	5.80	6.84
95	9.83	8.16	6.17	4.41	3.21	2.54	2.27	2.13	2.06	1.99	2.03	2.08	2.20	2.42	2.99	4.05	5.71	7.63	9.23
100	12.6	10.6	8.30	6.16	4.69	3.79	3.41	3.20	3.13	3.09	3.12	3.16	3.33	3.68	4.51	5.98	8.13	10.5	12.8
105	14.1	12.1	9.61	7.34	5.71	4.73	4.26	4.03	3.94	3.90	3.93	3.99	4.19	4.63	5.60	7.29	9.69	12.3	14.7
110	15.8	13.9	11.3	8.99	7.27	6.19	5.59	5.32	5.25	5.23	5.25	5.30	5.53	6.11	7.26	9.16	11.8	14.5	16.6
115	16.7	14.7	12.3	10.0	8.30	7.17	6.51	6.23	6.18	6.17	6.18	6.21	6.49	7.14	8.36	10.3	12.8	15.5	17.3
120	17.6	15.9	13.7	11.6	9.81	8.62	7.97	7.70	7.67	7.67	7.64	7.65	7.93	8.62	9.92	11.8	14.2	16.5	18.2
125	18.1	16.7	14.6	12.5	10.7	9.55	8.95	8.69	8.65	8.64	8.57	8.59	8.85	9.54	10.8	12.6	14.6	16.7	18.7
130	18.4	17.3	15.5	13.5	11.9	10.9	10.3	10.0	9.95	9.92	9.80	9.83	10.1	10.7	11.8	13.1	14.6	16.3	19.1
135	18.3	17.3	15.8	14.0	12.6	11.6	11.1	10.8	10.7	10.7	10.5	10.6	10.8	11.4	12.3	13.3	14.5	15.9	19.4
140	18.0	17.2	15.9	14.6	13.5	12.7	12.2	11.9	11.8	11.7	11.6	11.5	11.8	12.2	12.8	13.6	14.5	15.7	19.9
145	17.7	17.0	16.0	14.9	14.0	13.3	12.9	12.6	12.5	12.4	12.2	12.2	12.4	12.8	13.2	13.9	14.7	15.7	19.8
150	17.3	16.9	16.2	15.6	14.9	14.3	13.9	13.6	13.5	13.4	13.2	13.1	13.2	13.5	13.8	14.3	15.0	15.8	19.3
155	17.3	17.1	16.6	16.1	15.5	14.9	14.5	14.3	14.2	14.1	13.9	13.8	13.8	14.0	14.3	14.8	15.4	16.0	19.1
160	17.7	17.6	17.3	16.9	16.4	15.9	15.7	15.5	15.4	15.2	15.1	14.9	14.9	15.0	15.2	15.6	16.1	16.6	19.1
165	18.2	18.2	17.9	17.5	17.1	16.7	16.5	16.3	16.2	16.0	15.9	15.8	15.7	15.8	16.0	16.3	16.7	17.1	19.2
170	19.1	19.1	18.9	18.4	18.1	17.8	17.6	17.5	17.3	17.2	17.1	17.1	17.1	17.2	17.3	17.4	17.7	18.0	19.7
175	19.8	19.8	19.4	19.0	18.7	18.5	18.3	18.2	18.0	18.0	17.9	18.0	18.0	18.1	18.1	18.3	18.4	18.7	20.2
180	20.4	20.1	19.9	19.7	19.5	19.4	19.3	19.2	19.1	19.1	19.1	19.2	19.2	19.3	19.3	19.3	19.3	19.4	20.4

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.2442A P:50.465W PF:0.9393 Freq:60.01Hz Lamp Flux:8750.68x1 lm		
NAME: ANEXO 25-0174-3-A VIALIT II 50W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 50W	DIM.: ----	SERIAL No.:25-0174-3
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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045		
5	2032	2020	2008	2000	1992	1985	1981	1978	1979	1979	1984	1990	1996	2007	2016	2027	2039		
10	2027	1999	1966	1943	1922	1905	1895	1889	1886	1890	1901	1918	1935	1959	1987	2017	2049		
15	2038	1993	1949	1910	1877	1853	1836	1829	1829	1833	1846	1868	1897	1932	1974	2020	2067		
20	2068	1994	1920	1857	1806	1772	1750	1740	1738	1744	1762	1791	1832	1887	1956	2033	2113		
25	2095	1996	1898	1816	1756	1714	1688	1677	1677	1682	1701	1735	1783	1853	1941	2042	2151		
30	2140	1994	1856	1746	1666	1616	1593	1581	1582	1589	1607	1639	1694	1785	1907	2056	2216		
35	2169	1985	1817	1686	1593	1544	1522	1513	1513	1520	1536	1568	1620	1721	1871	2058	2261		
40	2206	1959	1730	1561	1465	1422	1404	1396	1397	1402	1415	1440	1489	1591	1785	2045	2325		
45	2225	1922	1647	1460	1369	1330	1316	1310	1310	1314	1325	1345	1388	1487	1700	2022	2366		
50	2257	1845	1482	1284	1206	1181	1175	1168	1168	1170	1180	1189	1219	1307	1530	1963	2429		
55	2285	1774	1345	1154	1089	1071	1071	1063	1059	1062	1072	1077	1099	1171	1392	1903	2480		
60	2348	1627	1094	942	892	876	865	860	848	854	861	876	897	953	1144	1771	2562		
65	2351	1492	912	786	739	713	690	683	679	681	682	704	734	791	963	1627	2535		
70	2011	1152	623	517	465	454	432	371	339	366	422	444	455	506	659	1212	2036		
75	1462	797	415	333	305	290	205	143	128	140	191	279	292	322	422	790	1421		
80	450	271	131	78.0	60.2	57.3	29.5	22.6	18.5	21.1	26.3	47.4	52.8	70.7	115	239	378		
85	130	42.9	27.4	21.5	15.5	9.01	3.72	1.27	0.51	1.03	3.01	7.45	12.9	17.4	23.0	34.7	72.8		
90	7.53	6.97	5.52	3.72	2.16	1.29	1.14	1.08	1.08	1.09	1.17	1.35	2.23	3.72	5.56	7.08	7.78		
95	10.1	9.59	7.86	5.64	3.63	2.22	1.82	1.71	1.72	1.72	1.86	2.30	3.60	5.48	7.71	9.52	10.3		
100	13.9	13.4	11.5	8.81	6.36	4.30	3.38	3.11	3.09	3.13	3.43	4.32	6.10	8.36	11.0	13.0	13.8		
105	15.8	15.3	13.3	10.6	8.13	5.96	4.72	4.31	4.25	4.32	4.75	5.90	7.76	9.98	12.5	14.5	15.5		
110	17.5	16.9	15.0	12.5	10.2	8.37	6.96	6.37	6.26	6.35	6.90	8.24	9.87	11.9	14.2	16.1	17.1		
115	18.2	17.6	15.9	13.6	11.5	9.74	8.47	7.89	7.71	7.83	8.36	9.63	11.3	13.2	15.3	17.0	17.8		
120	18.8	18.4	17.2	15.3	13.4	11.8	10.7	10.2	10.0	10.1	10.5	11.7	13.4	15.3	17.2	18.3	18.6		
125	19.0	18.6	17.4	16.0	14.5	13.2	12.2	11.8	11.5	11.7	12.0	13.2	14.8	16.7	18.3	19.0	18.8		
130	19.1	18.2	17.1	16.3	15.6	14.8	14.3	13.9	13.7	13.8	14.2	15.1	16.7	18.4	19.4	19.5	18.6		
135	19.4	18.2	17.0	16.3	15.9	15.6	15.3	15.0	14.9	15.0	15.5	16.3	17.7	19.3	20.0	19.8	18.6		
140	19.9	18.7	17.4	16.6	16.4	16.3	16.3	16.3	16.3	16.4	16.9	17.6	18.9	20.0	20.4	20.1	18.7		
145	19.8	19.0	17.8	17.1	16.9	16.7	16.8	16.9	17.0	17.1	17.6	18.3	19.3	20.0	20.3	20.0	18.6		
150	19.4	19.0	18.4	17.9	17.6	17.3	17.4	17.6	17.8	17.9	18.3	18.9	19.6	20.0	20.0	19.5	18.4		
155	19.2	19.1	18.6	18.2	18.0	17.8	17.9	18.0	18.1	18.3	18.6	19.1	19.6	19.9	19.9	19.4	18.5		
160	19.1	19.1	18.9	18.7	18.6	18.5	18.5	18.6	18.7	18.7	19.0	19.3	19.5	19.6	19.6	19.2	18.7		
165	19.2	19.2	19.1	19.0	18.9	18.9	19.0	19.0	19.0	19.1	19.2	19.3	19.5	19.5	19.4	19.2	18.8		
170	19.6	19.5	19.5	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.4	19.3	19.1		
175	19.9	19.8	19.7	19.7	19.6	19.6	19.6	19.5	19.5	19.5	19.6	19.6	19.6	19.5	19.5	19.4	19.4		
180	20.1	19.9	19.7	19.5	19.4	19.3	19.2	19.2	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.4		

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.0	2047	2054	2061	2064	2070	2074	2077	2081	2082	2082
4.0	2053	2065	2076	2086	2097	2104	2108	2113	2117	2118
6.0	2060	2079	2095	2108	2123	2136	2145	2152	2158	2159
8.0	2070	2093	2116	2134	2154	2169	2180	2189	2194	2197
10.0	2083	2112	2138	2163	2185	2204	2218	2230	2236	2238
12.0	2099	2134	2167	2195	2219	2242	2258	2270	2275	2277
14.0	2119	2160	2199	2230	2258	2279	2297	2309	2315	2316
16.0	2141	2190	2235	2271	2300	2320	2337	2348	2355	2355
18.0	2166	2223	2273	2314	2345	2363	2376	2386	2389	2390
20.0	2195	2259	2317	2362	2397	2411	2418	2418	2422	2420
22.0	2226	2299	2363	2413	2449	2455	2453	2447	2445	2443
24.0	2260	2343	2416	2467	2500	2498	2482	2469	2464	2458
26.0	2293	2387	2468	2524	2549	2537	2509	2487	2472	2467
28.0	2329	2435	2526	2582	2600	2573	2529	2497	2474	2469
30.0	2370	2487	2588	2646	2648	2603	2541	2497	2463	2458
32.0	2410	2545	2656	2710	2696	2629	2544	2482	2439	2430
34.0	2452	2603	2727	2773	2737	2644	2535	2455	2401	2389
36.0	2496	2666	2805	2837	2775	2648	2513	2409	2353	2336
38.0	2539	2734	2886	2902	2803	2642	2477	2362	2290	2274
40.0	2583	2806	2970	2967	2824	2627	2430	2294	2213	2195
42.0	2633	2890	3059	3022	2835	2596	2366	2210	2121	2104
44.0	2687	2983	3150	3074	2841	2552	2284	2110	2016	1997
46.0	2745	3088	3242	3122	2836	2494	2186	2002	1903	1883
48.0	2814	3207	3336	3167	2822	2408	2074	1883	1782	1765
50.0	2891	3338	3431	3211	2798	2321	1951	1753	1660	1643
52.0	2982	3479	3521	3250	2763	2203	1808	1617	1529	1515
54.0	3094	3627	3615	3289	2709	2066	1649	1464	1392	1383
56.0	3226	3769	3710	3324	2640	1903	1469	1302	1245	1241
58.0	3381	3899	3796	3357	2543	1703	1274	1138	1091	1091
60.0	3543	4007	3874	3382	2411	1456	1083	977.5	936.6	938.1
62.0	3691	4079	3926	3392	2229	1173	897.9	826.2	792.4	788.7
64.0	3781	4093	3937	3357	1967	904.6	732.0	682.3	652.5	642.7
66.0	3754	4018	3876	3255	1550	691.1	578.8	545.7	515.5	506.5
68.0	3565	3794	3695	3038	1053	518.5	444.7	414.4	389.1	385.7
70.0	3230	3414	3357	2634	555.2	378.2	324.0	310.4	292.0	287.1
72.0	2785	2902	2868	1880	343.5	280.5	235.3	233.8	191.1	184.4
74.0	2134	2225	2227	940.1	222.6	182.9	171.7	157.4	135.8	131.5
76.0	1370	1394	1454	350.8	155.3	133.4	128.9	113.5	107.2	103.2
78.0	883.9	739.7	912.8	205.0	117.1	92.77	96.91	83.45	78.73	78.90
80.0	397.6	355.1	372.1	141.3	78.81	67.59	67.74	59.14	55.78	51.79
82.0	187.1	165.4	194.7	92.47	54.12	44.87	43.78	38.42	33.27	12.85
84.0	63.11	64.87	113.9	48.03	29.10	25.45	23.34	21.71	17.48	3.669
86.0	17.03	21.53	33.68	16.99	11.60	10.97	10.12	10.14	7.995	1.967
88.0	8.065	7.127	5.966	4.401	3.325	3.174	3.026	3.272	2.759	1.352
90.0	7.861	6.493	4.835	3.342	2.371	1.863	1.690	1.581	1.495	1.380
92.0	8.844	7.319	5.479	3.850	2.775	2.179	1.958	1.811	1.742	1.672
94.0	9.828	8.164	6.172	4.414	3.208	2.539	2.272	2.128	2.055	1.989
96.0	10.79	9.015	6.878	4.986	3.682	2.925	2.627	2.455	2.380	2.341
98.0	11.71	9.831	7.596	5.570	4.174	3.344	3.001	2.819	2.742	2.702
100.0	12.58	10.63	8.296	6.159	4.689	3.791	3.413	3.204	3.126	3.088
102.0	13.37	11.38	8.971	6.753	5.208	4.253	3.827	3.607	3.520	3.488
104.0	14.08	12.10	9.615	7.336	5.709	4.730	4.264	4.030	3.940	3.895
106.0	14.74	12.75	10.23	7.891	6.230	5.213	4.703	4.447	4.365	4.328
108.0	15.33	13.35	10.81	8.444	6.743	5.697	5.147	4.882	4.803	4.770
110.0	15.84	13.88	11.32	8.988	7.268	6.186	5.587	5.323	5.253	5.225
112.0	16.27	14.32	11.82	9.514	7.782	6.674	6.049	5.767	5.708	5.691
114.0	16.65	14.74	12.30	10.04	8.303	7.173	6.514	6.230	6.182	6.168
116.0	16.99	15.14	12.78	10.58	8.826	7.658	6.993	6.713	6.671	6.670
118.0	17.30	15.54	13.27	11.11	9.322	8.140	7.478	7.196	7.167	7.179
120.0	17.60	15.93	13.74	11.61	9.810	8.621	7.971	7.699	7.670	7.673
122.0	17.87	16.32	14.21	12.10	10.29	9.097	8.465	8.202	8.173	8.168
124.0	18.09	16.67	14.63	12.53	10.73	9.554	8.951	8.692	8.651	8.639
126.0	18.26	16.95	14.99	12.92	11.14	10.01	9.400	9.183	9.115	9.095
128.0	18.36	17.15	15.29	13.25	11.55	10.45	9.844	9.621	9.544	9.520
130.0	18.39	17.28	15.51	13.55	11.92	10.87	10.27	10.04	9.950	9.917
132.0	18.34	17.33	15.66	13.82	12.26	11.26	10.68	10.44	10.35	10.30
134.0	18.28	17.34	15.78	14.05	12.59	11.62	11.07	10.82	10.72	10.67
136.0	18.21	17.32	15.85	14.25	12.90	11.97	11.45	11.18	11.08	11.04
138.0	18.12	17.27	15.91	14.44	13.19	12.32	11.82	11.55	11.44	11.40
140.0	18.00	17.18	15.95	14.61	13.46	12.66	12.17	11.90	11.79	11.75
142.0	17.87	17.10	15.97	14.78	13.75	13.00	12.52	12.25	12.13	12.08
144.0	17.72	17.02	15.99	14.95	14.03	13.34	12.86	12.59	12.46	12.42
146.0	17.58	16.93	16.02	15.15	14.31	13.66	13.21	12.94	12.80	12.74

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

148.0	17.42	16.87	16.09	15.37	14.60	13.98	13.54	13.28	13.14	13.06
150.0	17.32	16.89	16.21	15.58	14.88	14.29	13.87	13.61	13.48	13.40
152.0	17.29	16.96	16.39	15.82	15.17	14.61	14.21	13.94	13.81	13.74
154.0	17.34	17.07	16.61	16.06	15.47	14.92	14.54	14.31	14.18	14.08
156.0	17.42	17.21	16.83	16.33	15.76	15.24	14.88	14.69	14.56	14.47
158.0	17.55	17.38	17.07	16.61	16.07	15.57	15.27	15.07	14.95	14.85
160.0	17.73	17.61	17.33	16.89	16.38	15.93	15.66	15.48	15.37	15.24
162.0	17.95	17.88	17.61	17.19	16.72	16.30	16.05	15.90	15.77	15.62
164.0	18.19	18.18	17.90	17.51	17.05	16.67	16.46	16.31	16.15	15.99
166.0	18.47	18.48	18.22	17.83	17.40	17.05	16.84	16.69	16.53	16.37
168.0	18.77	18.79	18.54	18.13	17.75	17.42	17.23	17.09	16.90	16.76
170.0	19.10	19.09	18.86	18.42	18.08	17.79	17.61	17.46	17.28	17.17
172.0	19.44	19.43	19.14	18.71	18.41	18.14	17.97	17.82	17.67	17.56
174.0	19.80	19.79	19.36	19.02	18.73	18.48	18.32	18.19	18.05	17.97
176.0	20.14	19.99	19.56	19.29	19.03	18.82	18.68	18.58	18.44	18.38
178.0	20.34	20.10	19.73	19.52	19.30	19.13	19.02	18.94	18.82	18.79
180.0	20.42	20.12	19.86	19.69	19.52	19.40	19.30	19.25	19.14	19.13

G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.0	2080	2079	2077	2072	2068	2063	2056	2050	2043	2037
4.0	2115	2112	2108	2099	2090	2080	2069	2056	2043	2032
6.0	2155	2147	2141	2128	2115	2100	2084	2064	2046	2027
8.0	2192	2185	2176	2160	2140	2122	2100	2075	2051	2026
10.0	2233	2224	2212	2191	2172	2146	2119	2089	2057	2027
12.0	2271	2263	2249	2228	2203	2176	2142	2106	2068	2031
14.0	2312	2302	2286	2266	2239	2207	2168	2126	2083	2038
16.0	2349	2340	2326	2305	2278	2239	2198	2149	2098	2047
18.0	2385	2377	2366	2345	2319	2280	2232	2174	2117	2056
20.0	2422	2410	2403	2389	2363	2322	2269	2205	2138	2068
22.0	2441	2440	2440	2431	2410	2366	2308	2239	2160	2082
24.0	2458	2463	2472	2472	2458	2413	2353	2274	2186	2095
26.0	2471	2479	2497	2512	2506	2464	2396	2311	2213	2108
28.0	2473	2491	2520	2545	2554	2519	2449	2349	2240	2124
30.0	2464	2493	2535	2576	2598	2575	2497	2392	2269	2140
32.0	2440	2484	2540	2604	2643	2628	2554	2435	2298	2154
34.0	2405	2461	2534	2622	2685	2687	2613	2482	2328	2169
36.0	2357	2416	2517	2629	2722	2746	2680	2531	2361	2183
38.0	2297	2371	2488	2626	2751	2808	2747	2583	2392	2195
40.0	2224	2307	2443	2614	2773	2865	2821	2638	2424	2206
42.0	2133	2229	2384	2591	2787	2918	2899	2704	2456	2216
44.0	2029	2135	2307	2551	2793	2968	2982	2777	2492	2225
46.0	1916	2027	2213	2497	2789	3011	3068	2862	2532	2235
48.0	1793	1907	2106	2415	2775	3051	3155	2960	2576	2245
50.0	1668	1777	1985	2334	2752	3087	3243	3074	2633	2257
52.0	1538	1638	1848	2224	2715	3119	3329	3201	2695	2269
54.0	1397	1485	1688	2096	2667	3150	3415	3346	2775	2285
56.0	1248	1320	1510	1945	2599	3180	3500	3493	2871	2306
58.0	1092	1155	1314	1760	2510	3208	3586	3636	2991	2326
60.0	937.8	990.2	1116	1528	2392	3232	3665	3761	3131	2348
62.0	794.3	838.1	927.4	1249	2232	3250	3740	3863	3295	2357
64.0	655.6	694.7	756.5	961.6	2009	3246	3785	3931	3456	2351
66.0	518.8	555.8	600.6	727.8	1667	3201	3787	3935	3542	2306
68.0	393.0	423.2	462.0	548.4	1157	3072	3694	3815	3483	2199
70.0	294.3	316.2	337.5	401.3	615.1	2802	3455	3526	3248	2011
72.0	191.9	238.6	243.9	279.9	380.3	2256	3042	3079	2887	1757
74.0	136.6	161.2	177.1	191.7	245.0	1388	2468	2398	2274	1462
76.0	107.8	116.3	132.4	138.9	164.9	563.9	1754	1716	1662	1114
78.0	79.03	85.28	101.3	97.06	123.8	366.1	1128	966.9	1002	756.3
80.0	56.19	60.66	71.65	70.57	82.68	169.0	501.2	488.1	536.9	450.3
82.0	34.31	39.67	46.54	48.08	57.29	110.2	255.8	287.7	317.6	233.8
84.0	18.34	22.61	25.44	27.72	32.55	59.40	126.3	87.31	98.58	129.5
86.0	8.413	10.65	11.22	12.15	13.56	22.64	46.89	27.66	24.42	25.77
88.0	2.912	3.505	3.405	3.634	3.704	5.092	7.542	7.422	7.752	8.104
90.0	1.493	1.559	1.647	1.785	2.168	2.975	4.266	5.797	6.840	7.531
92.0	1.722	1.770	1.886	2.072	2.542	3.473	4.951	6.684	8.017	8.820
94.0	2.030	2.076	2.203	2.418	2.985	4.053	5.706	7.630	9.230	10.13
96.0	2.361	2.415	2.552	2.814	3.468	4.681	6.507	8.600	10.44	11.44
98.0	2.735	2.782	2.935	3.241	3.981	5.332	7.322	9.560	11.62	12.72
100.0	3.118	3.164	3.334	3.676	4.513	5.983	8.134	10.51	12.76	13.91
102.0	3.513	3.572	3.751	4.141	5.058	6.640	8.937	11.40	13.78	14.96
104.0	3.930	3.988	4.188	4.629	5.597	7.293	9.693	12.27	14.67	15.81
106.0	4.360	4.419	4.626	5.116	6.155	7.932	10.43	13.08	15.41	16.48
108.0	4.801	4.848	5.085	5.599	6.703	8.571	11.13	13.83	16.04	17.06
110.0	5.249	5.297	5.533	6.112	7.257	9.161	11.76	14.50	16.57	17.53

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

112.0	5.704	5.748	6.005	6.623	7.804	9.725	12.33	15.05	16.98	17.90
114.0	6.185	6.213	6.485	7.142	8.356	10.31	12.85	15.52	17.30	18.15
116.0	6.665	6.693	6.967	7.650	8.904	10.86	13.34	15.93	17.58	18.36
118.0	7.157	7.170	7.459	8.151	9.432	11.38	13.78	16.28	17.87	18.57
120.0	7.639	7.650	7.935	8.625	9.921	11.85	14.16	16.55	18.17	18.76
122.0	8.113	8.124	8.398	9.107	10.38	12.25	14.44	16.72	18.44	18.88
124.0	8.574	8.591	8.854	9.543	10.79	12.58	14.62	16.74	18.67	18.97
126.0	9.010	9.041	9.287	9.970	11.16	12.81	14.70	16.66	18.83	19.04
128.0	9.415	9.456	9.683	10.36	11.49	12.97	14.69	16.49	18.96	19.09
130.0	9.800	9.834	10.07	10.74	11.78	13.12	14.61	16.28	19.07	19.10
132.0	10.18	10.21	10.47	11.07	12.04	13.24	14.54	16.03	19.20	19.16
134.0	10.55	10.56	10.83	11.39	12.28	13.34	14.49	15.86	19.43	19.38
136.0	10.89	10.90	11.19	11.68	12.49	13.43	14.46	15.75	19.63	19.63
138.0	11.23	11.23	11.51	11.96	12.68	13.53	14.48	15.68	19.79	19.82
140.0	11.57	11.55	11.83	12.23	12.85	13.64	14.52	15.67	19.87	19.90
142.0	11.89	11.86	12.12	12.50	13.03	13.73	14.59	15.68	19.86	19.90
144.0	12.23	12.17	12.41	12.76	13.23	13.85	14.65	15.71	19.79	19.81
146.0	12.56	12.49	12.69	12.99	13.41	13.99	14.75	15.71	19.62	19.66
148.0	12.89	12.81	12.97	13.23	13.62	14.16	14.87	15.74	19.48	19.55
150.0	13.23	13.12	13.25	13.47	13.85	14.35	15.01	15.80	19.32	19.42
152.0	13.56	13.45	13.53	13.72	14.07	14.57	15.18	15.90	19.21	19.32
154.0	13.91	13.78	13.85	13.99	14.32	14.80	15.40	16.04	19.11	19.25
156.0	14.27	14.13	14.17	14.28	14.58	15.02	15.59	16.21	19.06	19.18
158.0	14.66	14.52	14.53	14.61	14.87	15.31	15.81	16.39	19.06	19.16
160.0	15.07	14.93	14.91	14.98	15.21	15.60	16.08	16.62	19.08	19.13
162.0	15.46	15.34	15.32	15.38	15.58	15.93	16.37	16.86	19.11	19.13
164.0	15.86	15.77	15.74	15.79	15.97	16.28	16.68	17.13	19.23	19.21
166.0	16.26	16.20	16.18	16.23	16.40	16.64	17.00	17.41	19.40	19.33
168.0	16.67	16.64	16.64	16.68	16.83	17.04	17.33	17.70	19.56	19.45
170.0	17.08	17.07	17.09	17.16	17.27	17.43	17.67	18.02	19.74	19.57
172.0	17.52	17.50	17.54	17.61	17.70	17.83	18.04	18.34	19.97	19.75
174.0	17.95	17.95	18.00	18.07	18.15	18.25	18.43	18.70	20.24	19.92
176.0	18.39	18.41	18.47	18.52	18.59	18.68	18.81	19.04	20.43	20.05
178.0	18.79	18.85	18.88	18.94	18.97	19.03	19.11	19.27	20.45	20.12
180.0	19.15	19.20	19.23	19.26	19.25	19.29	19.33	19.42	20.43	20.12

G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.0	2031	2025	2021	2017	2014	2012	2012	2010	2011	2013
4.0	2020	2008	2000	1992	1985	1981	1978	1979	1979	1984
6.0	2010	1994	1979	1966	1957	1950	1947	1946	1947	1955
8.0	2003	1979	1961	1943	1931	1924	1919	1917	1921	1928
10.0	1999	1966	1943	1922	1905	1895	1889	1886	1890	1901
12.0	1994	1958	1928	1899	1879	1866	1858	1857	1861	1873
14.0	1993	1949	1910	1877	1853	1836	1829	1829	1833	1846
16.0	1991	1939	1893	1854	1827	1810	1800	1799	1803	1820
18.0	1992	1930	1874	1830	1800	1780	1769	1768	1774	1791
20.0	1994	1920	1857	1806	1772	1750	1740	1738	1744	1762
22.0	1995	1909	1838	1782	1745	1720	1707	1706	1714	1733
24.0	1996	1898	1816	1756	1714	1688	1677	1677	1682	1701
26.0	1996	1887	1795	1728	1684	1657	1647	1645	1650	1670
28.0	1997	1871	1773	1699	1650	1624	1615	1615	1620	1638
30.0	1994	1856	1746	1666	1616	1593	1581	1582	1589	1607
32.0	1992	1838	1718	1630	1581	1557	1549	1549	1554	1571
34.0	1985	1817	1686	1593	1544	1522	1513	1513	1520	1536
36.0	1979	1792	1647	1553	1505	1485	1477	1477	1483	1498
38.0	1970	1764	1606	1509	1464	1444	1437	1438	1445	1458
40.0	1959	1730	1561	1465	1422	1404	1396	1397	1402	1415
42.0	1942	1692	1512	1419	1377	1361	1354	1354	1359	1371
44.0	1922	1647	1460	1369	1330	1316	1310	1310	1314	1325
46.0	1901	1598	1405	1315	1283	1271	1265	1266	1268	1278
48.0	1875	1543	1348	1262	1233	1225	1218	1218	1220	1230
50.0	1845	1482	1284	1206	1181	1175	1168	1168	1170	1180
52.0	1812	1416	1220	1149	1127	1125	1118	1117	1119	1128
54.0	1774	1345	1154	1089	1071	1071	1063	1059	1062	1072
56.0	1729	1266	1086	1025	1011	1008	1002	994.1	1000.0	1008
58.0	1682	1183	1015	961.5	946.9	939.3	936.3	925.5	933.0	939.4
60.0	1627	1094	942.2	892.2	876.4	865.1	859.5	847.7	854.3	861.3
62.0	1565	1004	865.8	819.7	799.2	779.7	770.8	761.4	767.0	772.9
64.0	1492	911.6	786.5	739.2	713.0	689.7	683.4	678.5	680.6	682.4
66.0	1402	817.7	703.1	650.3	620.1	604.6	603.5	600.8	600.1	597.7
68.0	1291	720.9	613.4	554.2	534.3	525.0	510.1	481.7	504.9	517.1
70.0	1152	622.9	516.7	465.0	454.1	432.2	371.0	338.7	366.0	422.4
72.0	984.5	522.2	417.7	384.5	371.7	317.5	256.8	206.7	252.9	308.2
74.0	796.5	415.5	333.2	304.6	290.0	204.5	142.6	128.1	140.1	191.4

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

76.0	600.0	309.4	236.3	221.5	196.9	132.4	84.09	79.81	82.48	123.6
78.0	410.7	222.4	139.5	118.4	114.5	60.44	52.06	47.27	50.13	56.01
80.0	270.8	131.2	78.00	60.17	57.34	29.49	22.65	18.49	21.11	26.34
82.0	131.3	65.14	45.36	33.35	23.78	11.07	4.624	1.264	3.626	8.973
84.0	42.94	27.39	21.46	15.52	9.012	3.724	1.270	0.5080	1.026	3.007
86.0	15.13	11.31	8.393	5.073	2.888	1.342	0.7233	0.6477	0.6925	1.198
88.0	7.224	5.525	3.691	1.990	1.147	0.9113	0.8359	0.8429	0.8444	0.9298
90.0	6.968	5.519	3.718	2.162	1.290	1.138	1.082	1.081	1.094	1.173
92.0	8.261	6.660	4.654	2.852	1.702	1.443	1.360	1.370	1.373	1.483
94.0	9.587	7.862	5.641	3.629	2.221	1.824	1.708	1.715	1.720	1.861
96.0	10.92	9.102	6.688	4.485	2.833	2.272	2.121	2.112	2.136	2.318
98.0	12.23	10.34	7.767	5.419	3.527	2.792	2.586	2.572	2.611	2.833
100.0	13.44	11.50	8.811	6.360	4.297	3.376	3.109	3.086	3.128	3.426
102.0	14.47	12.53	9.767	7.290	5.122	4.028	3.682	3.653	3.702	4.069
104.0	15.26	13.34	10.60	8.133	5.965	4.724	4.310	4.250	4.316	4.751
106.0	15.88	14.00	11.33	8.880	6.810	5.452	4.965	4.899	4.968	5.453
108.0	16.42	14.55	11.95	9.566	7.619	6.198	5.653	5.556	5.647	6.177
110.0	16.89	15.01	12.51	10.20	8.371	6.960	6.366	6.260	6.349	6.900
112.0	17.26	15.42	13.04	10.83	9.066	7.718	7.119	6.976	7.082	7.632
114.0	17.56	15.86	13.60	11.47	9.736	8.474	7.887	7.709	7.830	8.356
116.0	17.83	16.34	14.17	12.12	10.40	9.235	8.667	8.469	8.591	9.078
118.0	18.13	16.78	14.73	12.76	11.08	9.982	9.455	9.237	9.359	9.810
120.0	18.38	17.15	15.27	13.39	11.78	10.73	10.24	10.01	10.13	10.54
122.0	18.53	17.38	15.72	13.98	12.48	11.48	11.02	10.78	10.91	11.28
124.0	18.58	17.45	16.02	14.54	13.16	12.22	11.79	11.55	11.68	12.04
126.0	18.53	17.38	16.16	15.00	13.80	12.95	12.53	12.30	12.41	12.79
128.0	18.39	17.22	16.25	15.33	14.35	13.64	13.24	13.03	13.13	13.52
130.0	18.22	17.09	16.27	15.58	14.83	14.27	13.89	13.69	13.80	14.22
132.0	18.13	17.00	16.27	15.77	15.24	14.81	14.49	14.33	14.43	14.87
134.0	18.17	16.99	16.29	15.90	15.58	15.28	15.05	14.91	15.01	15.46
136.0	18.32	17.06	16.34	16.04	15.89	15.66	15.54	15.43	15.54	16.00
138.0	18.50	17.23	16.46	16.21	16.14	16.01	15.96	15.89	16.01	16.47
140.0	18.71	17.43	16.63	16.40	16.35	16.31	16.33	16.32	16.44	16.90
142.0	18.88	17.60	16.88	16.65	16.54	16.57	16.66	16.70	16.81	17.25
144.0	18.95	17.79	17.13	16.90	16.71	16.78	16.93	17.02	17.14	17.56
146.0	18.97	17.96	17.36	17.10	16.88	16.99	17.17	17.30	17.43	17.82
148.0	19.01	18.19	17.65	17.34	17.11	17.24	17.42	17.57	17.69	18.08
150.0	19.02	18.37	17.87	17.55	17.34	17.44	17.63	17.77	17.91	18.30
152.0	19.05	18.54	18.07	17.77	17.56	17.66	17.83	17.94	18.07	18.46
154.0	19.05	18.64	18.25	17.99	17.79	17.88	18.02	18.12	18.26	18.58
156.0	19.03	18.72	18.41	18.20	18.02	18.09	18.20	18.29	18.43	18.71
158.0	19.04	18.82	18.56	18.41	18.27	18.31	18.41	18.48	18.60	18.84
160.0	19.07	18.88	18.69	18.60	18.48	18.54	18.61	18.67	18.74	18.96
162.0	19.06	18.93	18.79	18.74	18.65	18.71	18.75	18.81	18.87	19.04
164.0	19.16	19.08	18.96	18.94	18.89	18.95	18.97	19.02	19.06	19.19
166.0	19.28	19.24	19.14	19.13	19.12	19.18	19.19	19.22	19.27	19.36
168.0	19.38	19.35	19.28	19.28	19.28	19.33	19.33	19.36	19.39	19.45
170.0	19.49	19.47	19.40	19.41	19.40	19.44	19.44	19.46	19.47	19.51
172.0	19.64	19.61	19.54	19.54	19.53	19.55	19.53	19.52	19.54	19.57
174.0	19.81	19.74	19.66	19.63	19.55	19.55	19.53	19.54	19.54	19.56
176.0	19.91	19.80	19.66	19.59	19.54	19.52	19.49	19.47	19.48	19.51
178.0	19.93	19.75	19.62	19.52	19.45	19.42	19.35	19.34	19.37	19.40
180.0	19.88	19.68	19.52	19.40	19.30	19.24	19.15	19.13	19.15	19.20

G/C	300.0	310.0	320.0	330.0	340.0	350.0
0.0	2045	2045	2045	2045	2045	2045
2.0	2016	2020	2023	2030	2035	2041
4.0	1990	1996	2007	2016	2027	2039
6.0	1964	1975	1989	2006	2021	2040
8.0	1940	1956	1972	1995	2018	2042
10.0	1918	1935	1959	1987	2017	2049
12.0	1892	1916	1946	1980	2018	2057
14.0	1868	1897	1932	1974	2020	2067
16.0	1844	1876	1917	1969	2023	2080
18.0	1818	1855	1903	1962	2027	2096
20.0	1791	1832	1887	1956	2033	2113
22.0	1764	1809	1871	1949	2039	2131
24.0	1735	1783	1853	1941	2042	2151
26.0	1706	1756	1833	1932	2046	2171
28.0	1673	1727	1810	1920	2051	2192
30.0	1639	1694	1785	1907	2056	2216
32.0	1604	1658	1756	1892	2058	2239
34.0	1568	1620	1721	1871	2058	2261
36.0	1527	1579	1681	1847	2056	2282
38.0	1484	1534	1637	1819	2052	2302

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

40.0	1440	1489	1591	1785	2045	2325
42.0	1393	1439	1540	1745	2035	2345
44.0	1345	1388	1487	1700	2022	2366
46.0	1295	1334	1431	1649	2005	2385
48.0	1243	1278	1371	1593	1987	2406
50.0	1189	1219	1307	1530	1963	2429
52.0	1134	1160	1240	1464	1937	2452
54.0	1077	1099	1171	1392	1903	2480
56.0	1017	1033	1100	1314	1867	2513
58.0	950.3	968.1	1028	1231	1823	2542
60.0	875.5	896.7	952.6	1144	1771	2562
62.0	795.5	819.4	873.9	1054	1709	2564
64.0	704.3	733.7	790.6	963.0	1627	2535
66.0	611.3	641.0	702.6	867.1	1519	2445
68.0	525.7	544.1	606.4	766.8	1382	2277
70.0	444.2	455.3	506.2	659.0	1212	2036
72.0	361.2	373.2	407.3	544.4	1009	1750
74.0	279.3	292.0	321.6	421.5	789.5	1421
76.0	183.3	201.0	221.4	303.6	570.5	1052
78.0	99.39	126.9	121.3	207.6	371.4	665.6
80.0	47.40	52.83	70.66	114.6	238.9	378.0
82.0	18.96	28.81	39.45	55.65	106.7	188.3
84.0	7.450	12.93	17.38	22.96	34.74	72.81
86.0	2.396	4.150	7.097	9.789	13.13	19.17
88.0	1.122	1.875	3.330	5.089	6.755	7.657
90.0	1.354	2.225	3.722	5.561	7.076	7.778
92.0	1.788	2.876	4.583	6.623	8.303	9.017
94.0	2.305	3.605	5.482	7.715	9.520	10.26
96.0	2.907	4.399	6.431	8.838	10.73	11.50
98.0	3.587	5.240	7.414	9.943	11.90	12.70
100.0	4.318	6.102	8.356	10.96	12.96	13.77
102.0	5.105	6.960	9.227	11.83	13.83	14.72
104.0	5.904	7.758	9.981	12.54	14.52	15.49
106.0	6.721	8.507	10.66	13.16	15.10	16.12
108.0	7.510	9.211	11.29	13.70	15.63	16.67
110.0	8.239	9.871	11.91	14.19	16.11	17.12
112.0	8.944	10.56	12.51	14.70	16.55	17.46
114.0	9.627	11.27	13.16	15.26	16.98	17.77
116.0	10.31	11.98	13.83	15.87	17.41	18.07
118.0	11.00	12.70	14.56	16.52	17.86	18.36
120.0	11.71	13.39	15.33	17.18	18.30	18.58
122.0	12.43	14.08	16.07	17.77	18.69	18.72
124.0	13.16	14.80	16.75	18.32	18.98	18.78
126.0	13.84	15.49	17.35	18.77	19.18	18.77
128.0	14.52	16.13	17.91	19.13	19.34	18.71
130.0	15.15	16.71	18.41	19.43	19.46	18.63
132.0	15.74	17.23	18.89	19.75	19.58	18.59
134.0	16.29	17.66	19.32	20.03	19.78	18.62
136.0	16.79	18.08	19.65	20.23	19.97	18.68
138.0	17.25	18.52	19.90	20.36	20.10	18.72
140.0	17.65	18.89	19.99	20.42	20.14	18.72
142.0	18.01	19.14	20.03	20.42	20.09	18.69
144.0	18.33	19.32	20.04	20.35	19.96	18.62
146.0	18.59	19.45	20.03	20.24	19.77	18.50
148.0	18.79	19.54	20.02	20.14	19.63	18.43
150.0	18.94	19.59	20.00	20.03	19.51	18.41
152.0	19.04	19.62	19.95	19.95	19.43	18.43
154.0	19.10	19.60	19.89	19.86	19.37	18.48
156.0	19.15	19.56	19.83	19.78	19.31	18.54
158.0	19.21	19.51	19.74	19.70	19.27	18.61
160.0	19.26	19.47	19.65	19.61	19.24	18.67
162.0	19.27	19.41	19.51	19.47	19.16	18.69
164.0	19.35	19.45	19.46	19.43	19.17	18.80
166.0	19.45	19.49	19.47	19.41	19.22	18.92
168.0	19.51	19.53	19.47	19.39	19.25	19.01
170.0	19.54	19.53	19.47	19.38	19.29	19.10
172.0	19.57	19.56	19.52	19.44	19.34	19.24
174.0	19.59	19.58	19.53	19.48	19.39	19.37
176.0	19.52	19.52	19.49	19.48	19.42	19.45
178.0	19.42	19.41	19.40	19.40	19.41	19.46
180.0	19.23	19.25	19.27	19.28	19.32	19.42

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:55.2-MIN:44.1%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-3-A VIALIT II 50W 48 LED DRIVER MOSO X6-060M052L