ANEXO 25-0174-4-A VIALIT II 60W 48 LED 45W

DRIVER MOSO X6-060M052L

SPD ZYS-P10WD



Light Output Ratio:	100.0%		
Luminaire Power:	45.13 W		
I80 =	47.4 cd per klm.	I88 =	0.9 cd per klm.
I90 =	0.9 cd per klm.	I80/I88 =	51.484

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

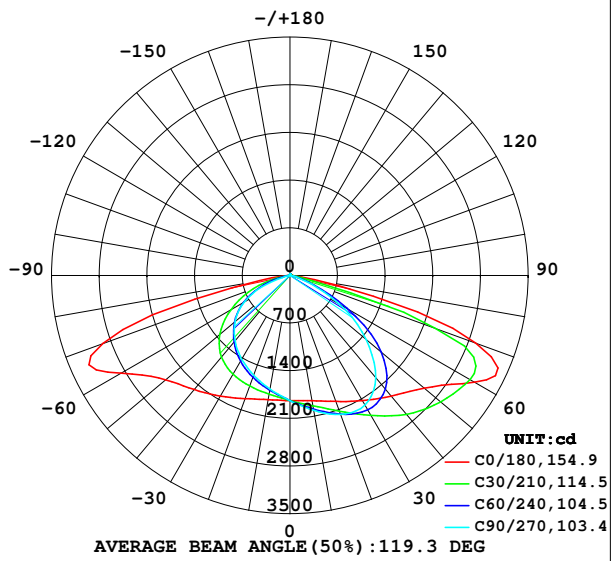
γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

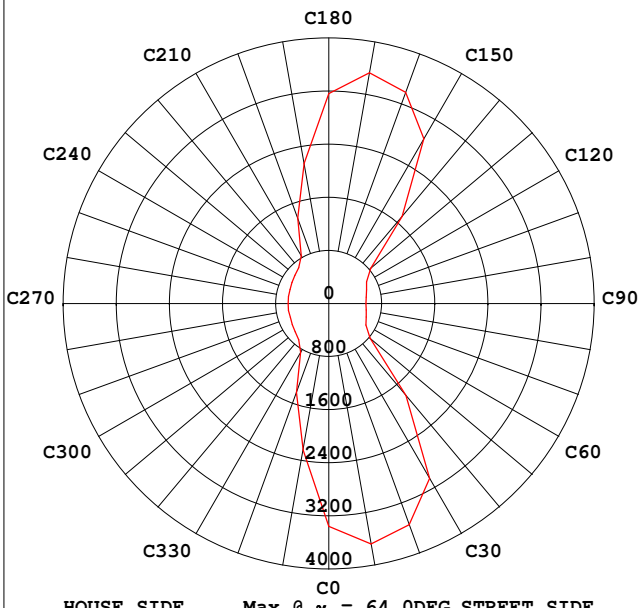
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 173.86 lm/W	
MODEL	--	Imax(cd)	3675	η street_up(%)	0.4
NOMINAL POWER(W)	45	LOR(%)	100.0	η street_down(%)	59.7
RATED VOLTAGE(V)	----	TOTAL FLUX(lm)	7846	η house_up(%)	0.5
NOMINAL FLUX(lm)	7846.36	MAXIMUM @(C,γ)	10,64.0	η house_down(%)	39.5
LAMPS INSIDE	1	η up(%)	0.9	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



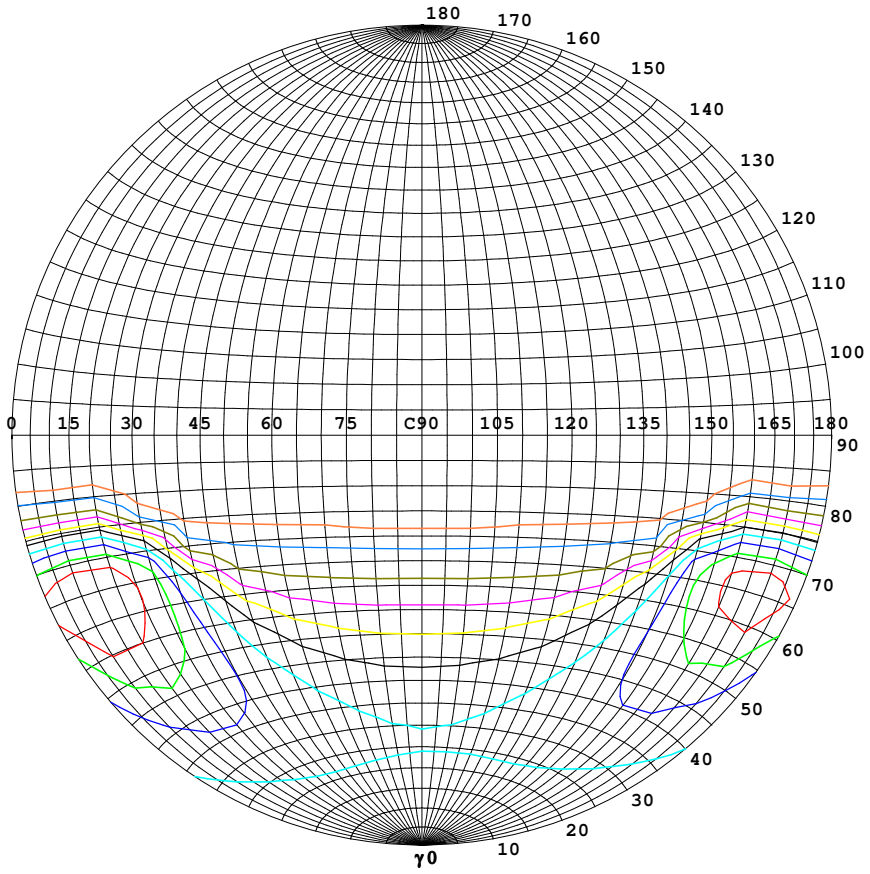
HOUSE SIDE Max @ γ = 64.0DEG STREET SIDE

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



Classification:

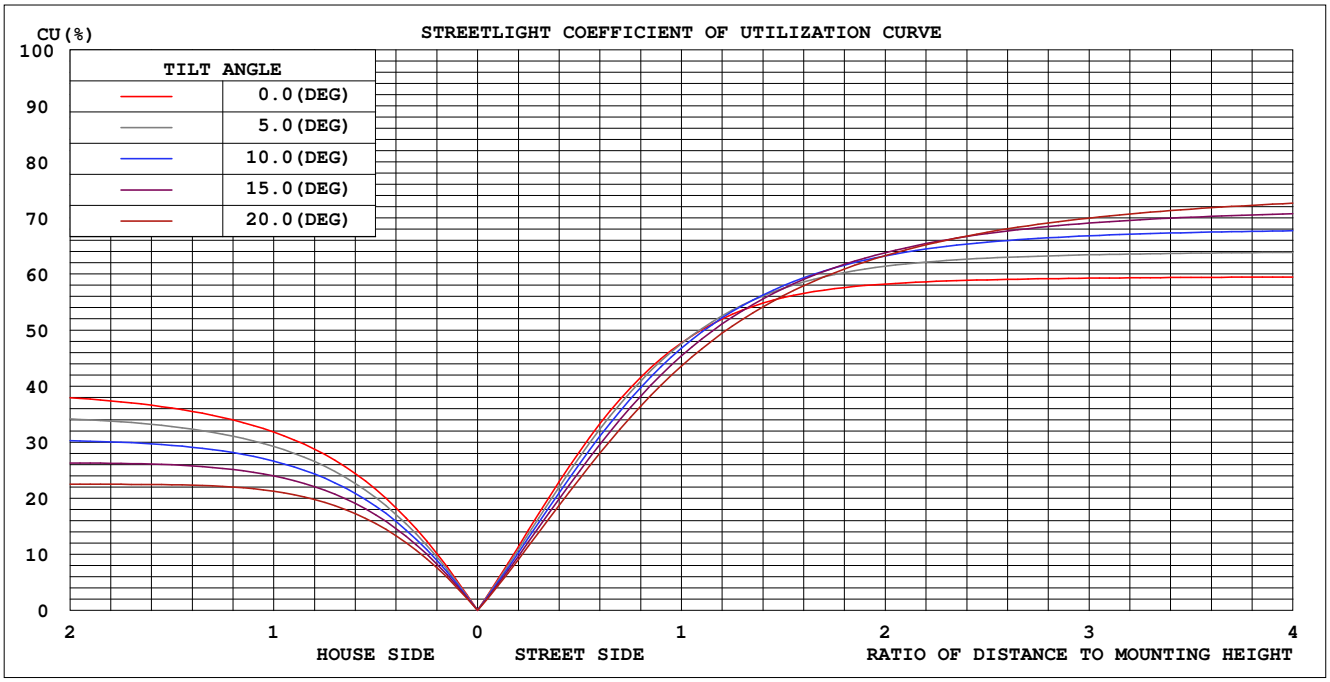
IES:Type II - Short
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:58.16cd/klm
Max.At90:0.8949cd/klm
Max.80-90:58.16cd/klm
NRB 5101:Semi limited[19.5%]

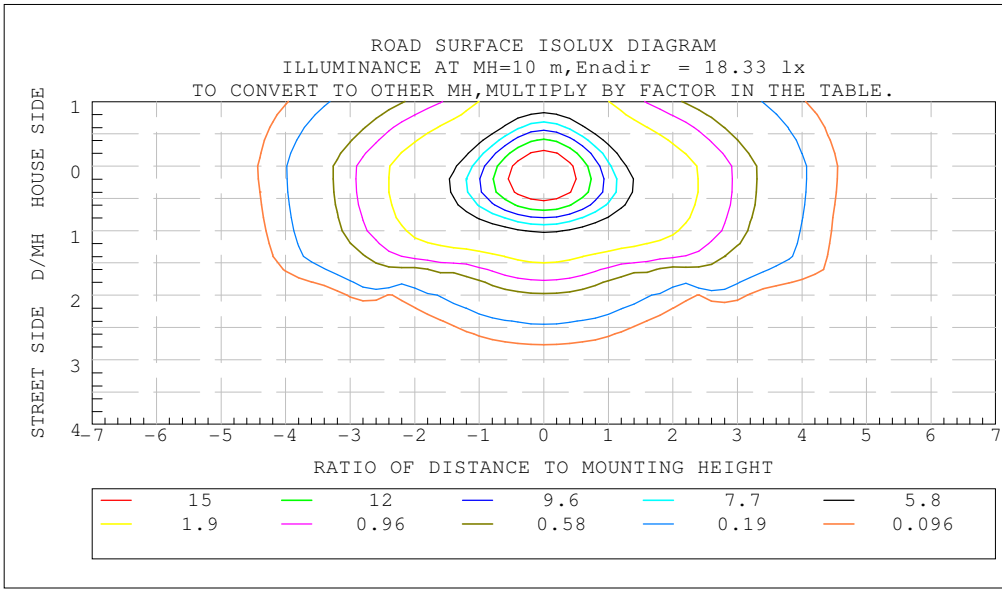
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3675
90%	3308
80%	2940
70%	2573
60%	2205
50%	1838
40%	1470
30%	1103
20%	735
10%	368
5%	184

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-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 = 19.43 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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ZONAL FLUX DIAGRAM

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

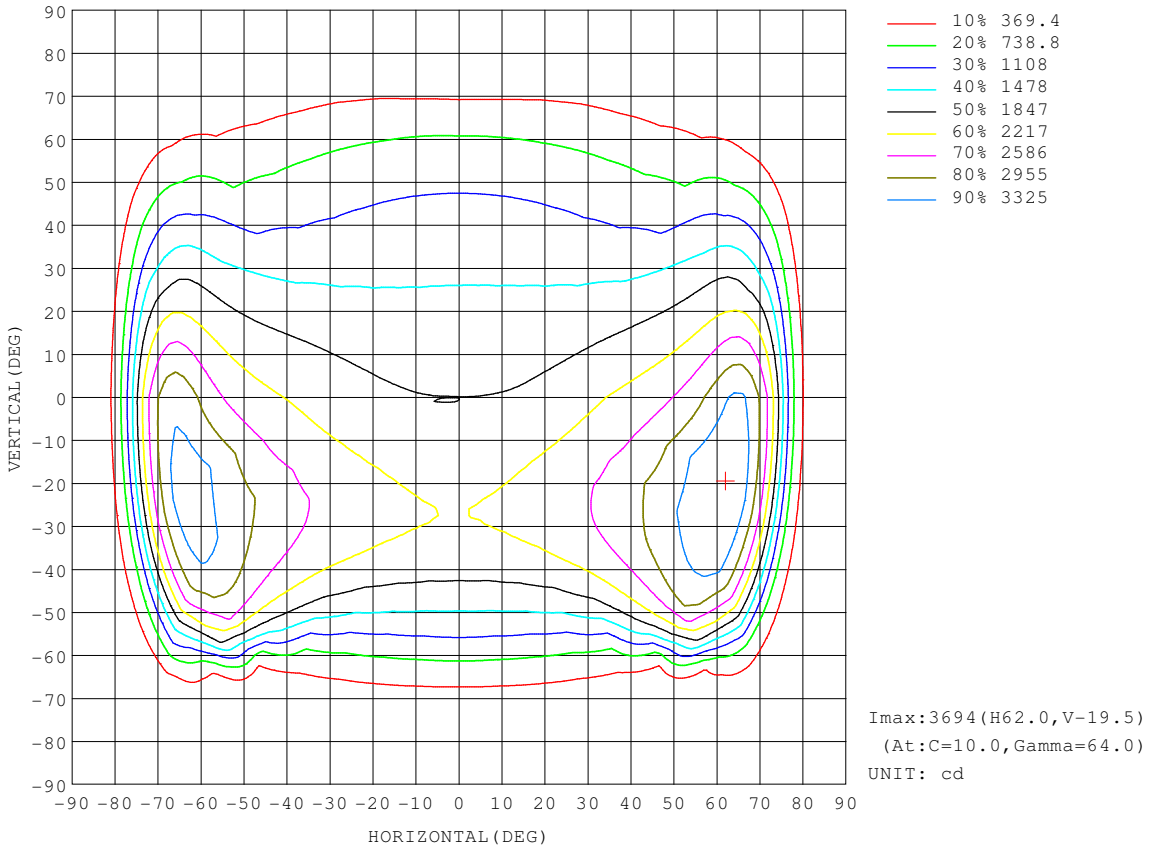
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1870	1972	2012	1963	1853	1739	1696	1750	0- 10	176.3	176.3	2.25,2.25
20	1969	2159	2174	2138	1927	1650	1562	1670	10- 20	533.5	709.8	9.05,9.05
30	2123	2358	2201	2324	2046	1538	1422	1560	20- 30	893.0	1603	20.4,20.4
40	2314	2449	1962	2410	2189	1364	1256	1380	30- 40	1219	2822	36,36
50	2578	2309	1462	2259	2386	1123	1052	1133	40- 50	1446	4267	54.4,54.4
60	3138	1756	827.5	1707	2873	827.2	767.0	832.0	50- 60	1527	5794	73.8,73.8
70	2905	426.1	247.9	422.0	2923	444.2	314.8	434.5	60- 70	1355	7150	91.1,91.1
80	372.0	64.88	45.76	66.36	456.3	63.10	18.64	56.54	70- 80	587.7	7738	98.6,98.6
90	7.022	1.931	1.266	1.752	6.120	2.666	0.9411	2.557	80- 90	42.08	7780	99.1,99.1
100	11.29	3.849	2.804	3.658	11.41	6.872	2.712	6.333	90-100	4.915	7785	99.2,99.2
110	14.20	6.086	4.719	5.968	14.80	10.30	5.549	9.639	100-110	7.978	7793	99.3,99.3
120	15.87	8.341	6.914	8.296	16.25	12.94	8.932	12.73	110-120	9.989	7802	99.4,99.4
130	16.60	10.29	8.932	10.08	17.11	14.30	12.23	15.65	120-130	10.94	7813	99.6,99.6
140	16.23	11.78	10.58	11.25	17.86	14.82	14.61	17.43	130-140	10.52	7824	99.7,99.7
150	15.60	13.15	12.05	12.26	17.34	15.91	15.94	17.82	140-150	9.123	7833	99.8,99.8
160	15.97	14.56	13.73	13.57	17.15	16.76	16.79	17.60	150-160	7.062	7840	99.9,99.9
170	17.16	16.16	15.45	15.48	17.75	17.44	17.50	17.57	160-170	4.581	7845	100,100
180	18.32	17.50	17.22	17.34	18.33	17.50	17.21	17.34	170-180	1.630	7846	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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED
DRIVER MOSO X6-060M052L

ISOCANDELA DIAGRAM

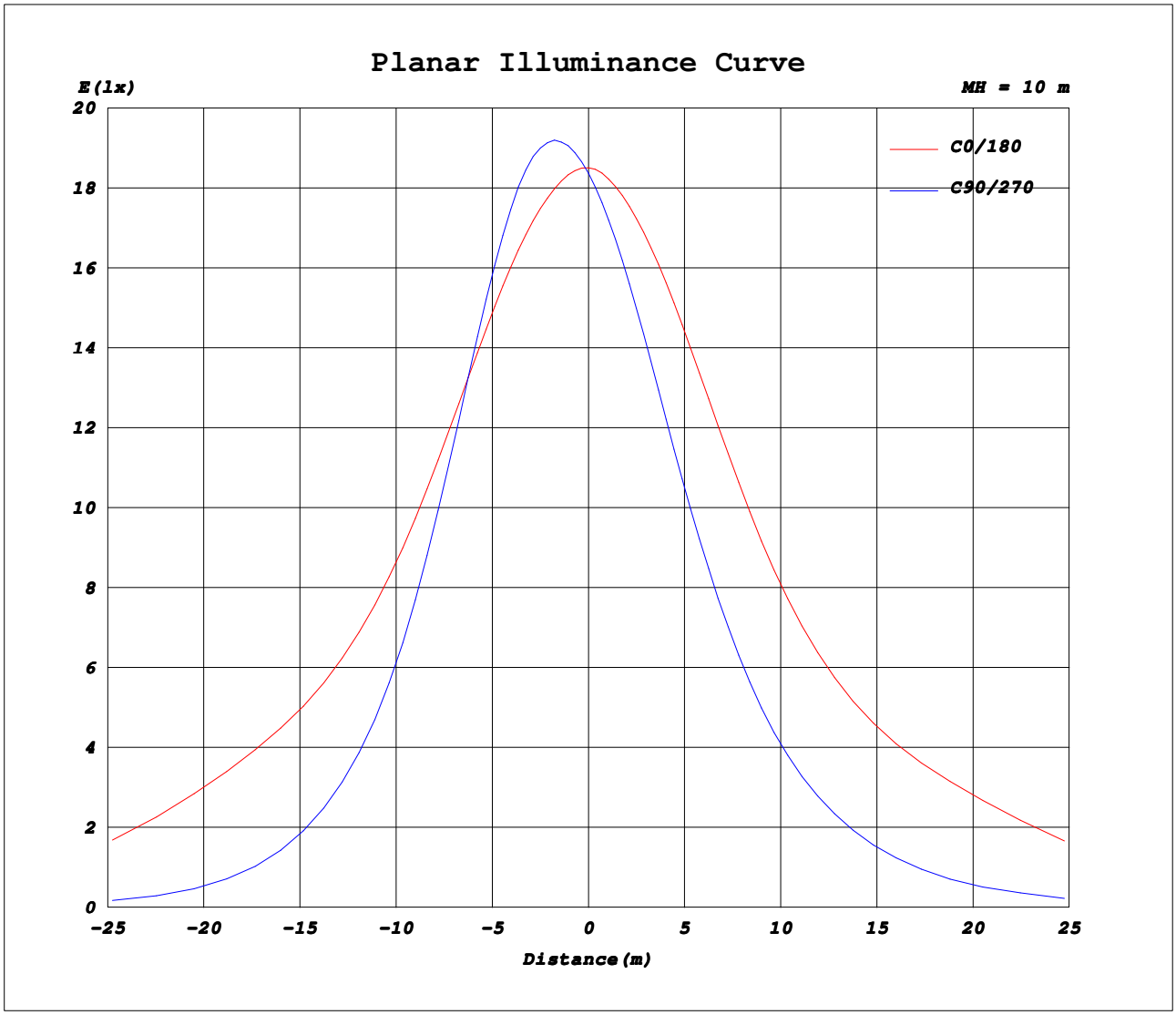
Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-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.**

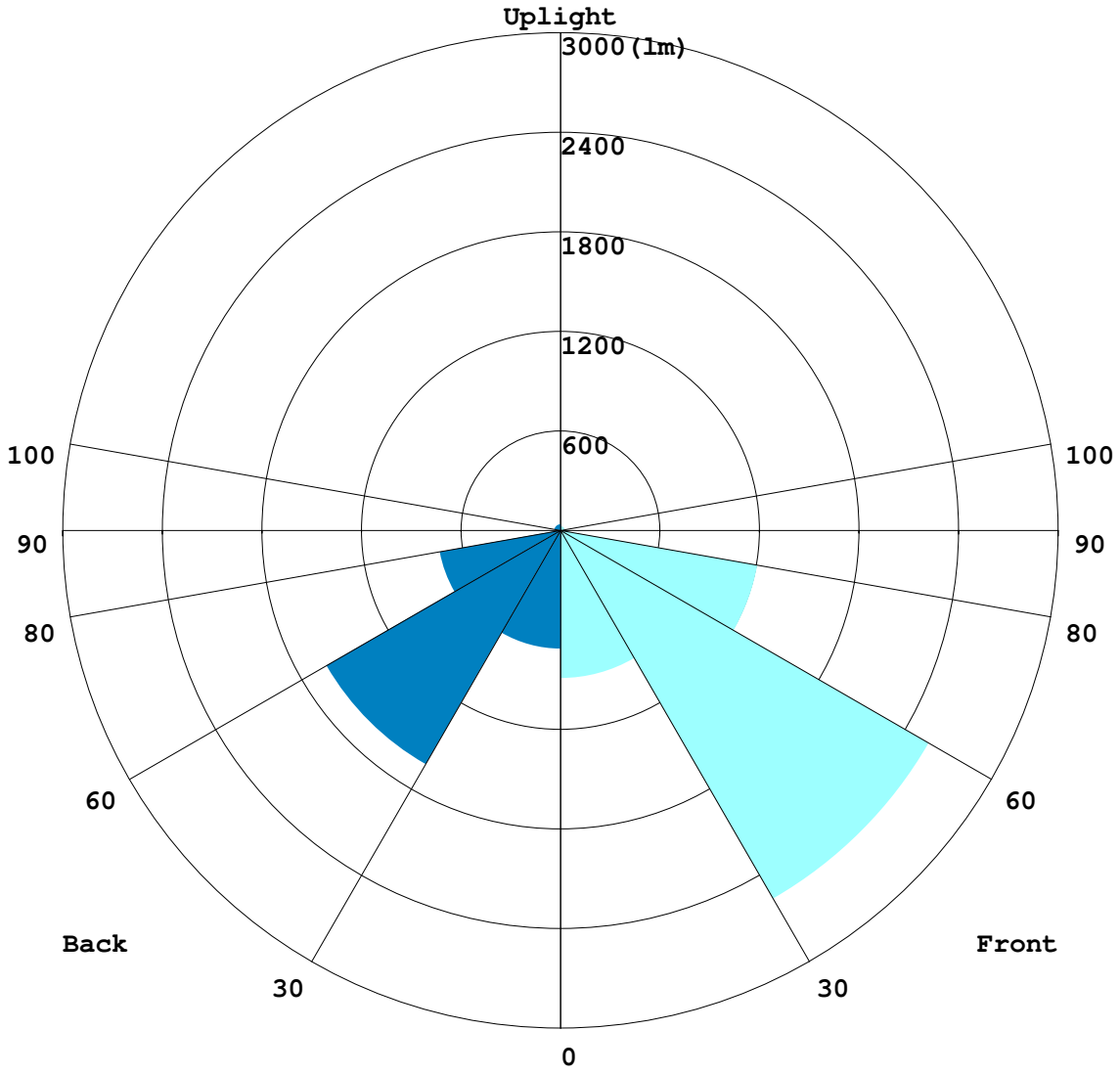
Testing Procedure: **Las prueba fue realizada de acuerdo con la norma LM 79 de 2019.**
Tiempo de estabilizacion: 0:18':10"
Tiempo de ensayo: 0:30':51"

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:54.9-MIN:48.4%***
Operators:Fabian Loaiza	***Test Distance:7.080m [K=1.0000]***
Test Date:2025-06-09	***Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L***

LCS REPORT

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators: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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

BUG REPORT

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	889.96	11.3
FM - Front-Medium(30-60)	2564.2	32.7
FH - Front-High(60-80)	1206	15.4
FVH - Front-Very High(80-90)	23.889	0.3
Total Forward Light	4713	60.1

BL - Back-Low(0-30)	712.81	9.1
BM - Back-Medium(30-60)	1627.4	20.7
BH - Back-High(60-80)	737.15	9.4
BVH - Back-Very High(80-90)	18.189	0.2
Total Back Light	3133.3	39.9

UL - Uplight-Low(90-100)	4.9147	0.1
UH - Uplight-High(100-180)	61.829	0.8
Total Up Light	66.744	0.9

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

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3095.5	37.815	3133.3
Street Side	4684.1	28.929	4713

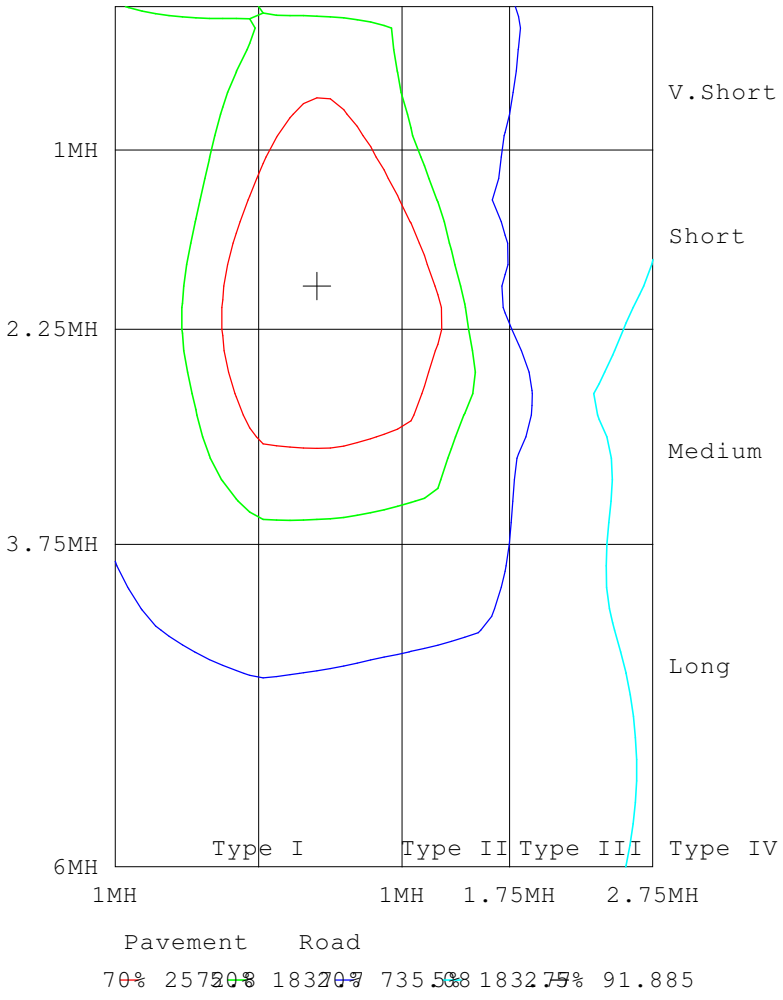
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ROAD ISOCANDELA REPORT

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
5	1845	1855	1866	1875	1883	1891	1896	1901	1903	1904	1903	1899	1895	1888	1879	1871	1861	1850	1839
10	1870	1897	1920	1943	1964	1980	1993	2005	2009	2012	2009	2001	1989	1972	1954	1932	1907	1881	1853
15	1903	1939	1974	2004	2029	2048	2063	2074	2080	2083	2079	2069	2057	2039	2015	1986	1952	1916	1875
20	1969	2028	2079	2121	2152	2166	2168	2172	2173	2174	2172	2166	2160	2149	2126	2090	2043	1988	1927
25	2027	2101	2165	2215	2244	2243	2229	2217	2209	2208	2209	2212	2219	2223	2211	2173	2119	2050	1971
30	2123	2230	2320	2376	2378	2338	2281	2240	2209	2201	2210	2236	2273	2314	2335	2316	2251	2156	2046
35	2197	2332	2447	2490	2461	2374	2274	2202	2153	2140	2155	2202	2269	2350	2409	2418	2357	2239	2102
40	2314	2512	2663	2663	2540	2359	2181	2058	1980	1962	1986	2061	2181	2336	2485	2571	2544	2385	2189
45	2403	2667	2824	2761	2557	2295	2050	1891	1800	1781	1809	1902	2051	2273	2495	2659	2687	2510	2254
50	2578	2983	3078	2889	2526	2091	1750	1568	1478	1462	1484	1577	1759	2068	2449	2759	2914	2783	2386
55	2749	3241	3248	2964	2450	1863	1478	1305	1235	1227	1238	1314	1488	1849	2363	2810	3064	3026	2524
60	3138	3592	3483	3058	2195	1317	966	868	826	827	828	872	977	1322	2092	2872	3281	3384	2873
65	3359	3675	3545	3041	1811	813	650	603	573	562	575	608	662	828	1717	2870	3386	3532	3166
70	2905	3078	3027	2263	516	336	285	272	253	248	254	275	292	347	497	2279	3079	3154	2923
75	1951	2022	2015	927	200	162	151	138	118	115	118	138	154	166	208	1063	2177	2214	2102
80	372	325	337	132	70.3	59.4	59.0	51.5	47.9	45.8	48.3	51.9	61.5	61.4	71.4	138	429	426	456
85	62.6	58.4	103	44.4	25.6	21.8	20.0	18.3	14.9	3.22	15.0	18.8	21.1	23.3	27.0	47.7	129	76.7	78.6
90	7.02	5.83	4.38	3.04	2.18	1.69	1.53	1.41	1.36	1.27	1.32	1.38	1.46	1.58	1.93	2.61	3.77	5.13	6.12
95	8.79	7.35	5.59	3.99	2.92	2.30	2.06	1.92	1.87	1.81	1.84	1.88	1.99	2.16	2.66	3.60	5.06	6.76	8.26
100	11.3	9.58	7.51	5.59	4.26	3.44	3.08	2.90	2.83	2.80	2.82	2.87	3.01	3.30	4.02	5.30	7.21	9.33	11.4
105	12.6	10.9	8.71	6.64	5.19	4.28	3.85	3.64	3.56	3.52	3.54	3.59	3.76	4.14	5.00	6.47	8.60	10.9	13.1
110	14.2	12.5	10.2	8.13	6.58	5.59	5.05	4.80	4.74	4.72	4.73	4.77	4.98	5.47	6.46	8.13	10.4	12.9	14.8
115	14.9	13.3	11.1	9.10	7.52	6.48	5.87	5.61	5.57	5.56	5.57	5.59	5.81	6.39	7.46	9.16	11.4	13.8	15.5
120	15.9	14.4	12.4	10.5	8.89	7.79	7.19	6.94	6.91	6.91	6.88	6.89	7.12	7.72	8.87	10.5	12.6	14.8	16.2
125	16.3	15.1	13.2	11.3	9.70	8.63	8.06	7.83	7.79	7.79	7.72	7.72	7.94	8.56	9.64	11.2	13.0	14.9	16.7
130	16.6	15.6	14.0	12.3	10.8	9.80	9.25	9.05	8.97	8.93	8.84	8.85	9.05	9.62	10.5	11.7	13.1	14.6	17.1
135	16.5	15.7	14.3	12.7	11.4	10.5	9.97	9.74	9.64	9.61	9.50	9.50	9.72	10.2	11.0	11.9	13.0	14.2	17.4
140	16.2	15.5	14.4	13.2	12.1	11.4	11.0	10.7	10.6	10.6	10.4	10.4	10.6	11.0	11.5	12.2	13.0	14.0	17.9
145	16.0	15.4	14.4	13.5	12.7	12.0	11.6	11.3	11.2	11.2	11.0	11.0	11.1	11.4	11.9	12.4	13.2	14.1	17.8
150	15.6	15.2	14.6	14.1	13.4	12.9	12.5	12.3	12.1	12.1	11.9	11.8	11.9	12.1	12.4	12.9	13.5	14.2	17.3
155	15.6	15.4	15.0	14.5	13.9	13.4	13.1	12.9	12.8	12.7	12.5	12.4	12.4	12.5	12.8	13.3	13.8	14.4	17.2
160	16.0	15.9	15.6	15.2	14.8	14.4	14.1	14.0	13.8	13.7	13.6	13.4	13.4	13.5	13.7	14.0	14.5	14.9	17.2
165	16.4	16.4	16.1	15.8	15.4	15.0	14.8	14.7	14.6	14.4	14.3	14.2	14.2	14.2	14.4	14.6	15.0	15.4	17.3
170	17.2	17.2	17.0	16.6	16.3	16.0	15.8	15.7	15.6	15.5	15.4	15.4	15.4	15.4	15.5	15.7	15.9	16.2	17.7
175	17.8	17.8	17.4	17.1	16.9	16.7	16.5	16.4	16.3	16.2	16.1	16.2	16.2	16.3	16.4	16.4	16.6	16.8	18.2
180	18.3	18.1	17.9	17.7	17.6	17.4	17.3	17.3	17.2	17.2	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.5	18.3

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.99V I:0.2215A P:45.130W PF:0.9263 Freq:60.01Hz Lamp Flux:7846.36x1 lm		
NAME: ANEXO 25-0174-4-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 45W	DIM.: ----	SERIAL No.:25-0174-4
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

Table--2 UNIT: cd

C(DEG) / γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839		
5	1828	1816	1806	1799	1791	1784	1780	1779	1778	1781	1783	1789	1795	1803	1812	1823	1833		
10	1825	1797	1771	1748	1729	1714	1704	1697	1696	1700	1708	1722	1739	1760	1785	1812	1841		
15	1835	1794	1754	1719	1689	1666	1652	1644	1643	1648	1658	1678	1703	1735	1773	1814	1858		
20	1863	1796	1729	1673	1627	1593	1574	1564	1562	1568	1582	1608	1645	1694	1755	1824	1897		
25	1889	1799	1711	1638	1582	1541	1519	1507	1506	1512	1528	1558	1601	1663	1741	1831	1930		
30	1930	1800	1675	1575	1500	1454	1431	1422	1422	1428	1443	1471	1520	1600	1709	1841	1986		
35	1958	1794	1641	1520	1435	1390	1368	1359	1360	1367	1380	1407	1453	1543	1676	1843	2025		
40	1995	1771	1565	1409	1319	1278	1262	1256	1256	1262	1272	1293	1335	1425	1596	1828	2079		
45	2013	1741	1492	1319	1232	1196	1184	1179	1179	1183	1191	1209	1246	1333	1517	1805	2112		
50	2046	1676	1344	1160	1086	1062	1058	1052	1052	1054	1061	1070	1095	1172	1364	1748	2164		
55	2077	1617	1223	1042	980	963	963	959	954	958	965	970	988	1050	1238	1690	2208		
60	2138	1492	997	850	805	790	782	779	767	774	779	790	808	856	1014	1563	2271		
65	2145	1373	832	710	667	645	625	620	615	617	619	637	663	712	851	1429	2242		
70	1834	1063	571	468	421	411	396	346	315	336	385	404	413	456	582	1064	1799		
75	1334	732	382	301	276	265	196	135	120	130	175	248	266	291	373	697	1248		
80	399	246	121	70.9	55.3	54.1	28.9	22.2	18.6	20.5	24.9	44.0	48.7	64.4	118	187	338		
85	113	38.7	24.5	19.5	14.6	8.68	3.74	1.29	0.46	0.95	2.81	6.95	12.2	16.3	21.1	30.5	65.8		
90	6.76	6.28	5.00	3.37	1.96	1.15	1.01	0.95	0.94	0.96	1.02	1.18	1.90	3.21	4.85	6.25	6.92		
95	9.10	8.64	7.11	5.12	3.29	1.99	1.61	1.50	1.50	1.52	1.63	1.98	3.11	4.77	6.76	8.43	9.16		
100	12.5	12.1	10.4	7.98	5.76	3.86	3.00	2.74	2.71	2.75	3.00	3.76	5.34	7.33	9.66	11.5	12.3		
105	14.2	13.7	12.0	9.61	7.39	5.39	4.22	3.80	3.75	3.81	4.18	5.17	6.83	8.80	11.1	12.9	13.9		
110	15.7	15.2	13.5	11.3	9.26	7.59	6.26	5.66	5.55	5.64	6.13	7.26	8.74	10.5	12.6	14.4	15.3		
115	16.3	15.8	14.2	12.3	10.4	8.82	7.64	7.04	6.86	6.98	7.44	8.52	9.98	11.7	13.5	15.1	15.9		
120	16.8	16.4	15.4	13.8	12.1	10.7	9.66	9.16	8.93	9.05	9.44	10.4	11.9	13.6	15.3	16.3	16.7		
125	17.0	16.5	15.6	14.4	13.1	11.9	11.0	10.5	10.3	10.4	10.8	11.7	13.1	14.9	16.3	17.0	16.9		
130	17.1	16.3	15.3	14.6	14.0	13.3	12.8	12.5	12.2	12.3	12.7	13.5	14.9	16.4	17.4	17.5	16.8		
135	17.3	16.3	15.2	14.6	14.3	14.0	13.7	13.5	13.3	13.4	13.8	14.6	15.8	17.3	17.9	17.8	16.8		
140	17.8	16.8	15.7	14.9	14.7	14.7	14.6	14.6	14.6	14.7	15.1	15.8	16.9	17.9	18.4	18.2	16.9		
145	17.8	17.1	16.0	15.4	15.2	15.0	15.0	15.2	15.3	15.4	15.8	16.4	17.4	18.0	18.3	18.0	16.9		
150	17.4	17.1	16.5	16.1	15.8	15.6	15.7	15.8	15.9	16.1	16.4	17.0	17.6	18.0	18.1	17.7	16.7		
155	17.3	17.1	16.8	16.4	16.2	16.0	16.0	16.2	16.3	16.4	16.7	17.1	17.6	17.9	17.9	17.5	16.7		
160	17.2	17.1	17.0	16.8	16.7	16.6	16.7	16.7	16.8	16.9	17.1	17.3	17.5	17.7	17.7	17.4	16.9		
165	17.3	17.2	17.2	17.1	17.0	17.0	17.0	17.0	17.1	17.2	17.3	17.4	17.5	17.5	17.5	17.3	17.0		
170	17.6	17.5	17.5	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.5	17.5	17.4	17.2		
175	17.9	17.8	17.8	17.7	17.6	17.6	17.6	17.5	17.6	17.6	17.6	17.7	17.6	17.6	17.5	17.5	17.5		
180	18.1	17.9	17.7	17.6	17.4	17.3	17.3	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.4	17.4	17.5		

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-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	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
2.0	1841	1847	1852	1856	1861	1864	1867	1870	1870	1871
4.0	1845	1855	1866	1875	1883	1891	1896	1901	1903	1904
6.0	1852	1867	1881	1895	1909	1920	1928	1935	1938	1940
8.0	1860	1880	1899	1918	1936	1949	1959	1969	1973	1974
10.0	1870	1897	1920	1943	1964	1980	1993	2005	2009	2012
12.0	1884	1916	1946	1973	1995	2014	2028	2039	2045	2047
14.0	1903	1939	1974	2004	2029	2048	2063	2074	2080	2083
16.0	1922	1965	2005	2039	2067	2085	2098	2111	2115	2118
18.0	1944	1995	2040	2078	2108	2125	2134	2142	2146	2147
20.0	1969	2028	2079	2121	2152	2166	2168	2172	2173	2174
22.0	1996	2062	2122	2166	2197	2206	2201	2198	2193	2194
24.0	2027	2101	2165	2215	2244	2243	2229	2217	2209	2208
26.0	2056	2142	2213	2265	2291	2279	2252	2233	2217	2215
28.0	2089	2183	2265	2320	2335	2310	2270	2240	2219	2214
30.0	2123	2230	2320	2376	2378	2338	2281	2240	2209	2201
32.0	2159	2280	2380	2431	2423	2361	2284	2226	2186	2177
34.0	2197	2332	2447	2490	2461	2374	2274	2202	2153	2140
36.0	2235	2387	2515	2547	2495	2378	2253	2166	2106	2092
38.0	2274	2447	2587	2606	2521	2374	2223	2118	2050	2034
40.0	2314	2512	2663	2663	2540	2359	2181	2058	1980	1962
42.0	2358	2585	2743	2713	2553	2332	2123	1980	1895	1878
44.0	2403	2667	2824	2761	2557	2295	2050	1891	1800	1781
46.0	2454	2760	2908	2808	2555	2244	1963	1792	1697	1678
48.0	2510	2865	2994	2850	2544	2176	1862	1684	1588	1571
50.0	2578	2983	3078	2889	2526	2091	1750	1568	1478	1462
52.0	2657	3109	3164	2927	2495	1987	1623	1443	1361	1347
54.0	2749	3241	3248	2964	2450	1863	1478	1305	1235	1227
56.0	2863	3371	3333	2998	2391	1719	1315	1159	1102	1100
58.0	2997	3491	3413	3030	2309	1538	1139	1012	963.5	964.1
60.0	3138	3592	3483	3058	2195	1317	966.3	867.7	826.2	827.5
62.0	3271	3658	3533	3066	2038	1058	799.2	732.1	697.9	693.5
64.0	3359	3675	3545	3041	1811	813.0	650.2	602.8	573.0	561.6
66.0	3347	3608	3490	2954	1440	617.1	512.4	480.1	450.0	441.1
68.0	3190	3412	3329	2765	978.4	462.0	392.2	362.9	338.9	335.8
70.0	2905	3078	3027	2263	516.2	336.1	285.0	271.9	252.6	247.9
72.0	2517	2626	2586	1760	311.4	248.7	206.7	196.1	164.5	160.1
74.0	1951	2022	2015	927.3	199.8	161.6	150.9	137.7	117.6	114.7
76.0	1267	1276	1318	346.0	139.1	117.5	117.8	99.63	90.32	89.78
78.0	718.3	677.8	679.2	193.3	97.39	81.53	84.93	73.11	68.16	68.30
80.0	372.0	324.8	337.2	132.3	70.32	59.43	58.96	51.46	47.92	45.76
82.0	178.6	150.2	175.8	85.85	48.14	39.21	37.80	33.01	28.49	12.00
84.0	62.60	58.36	102.9	44.43	25.64	21.79	20.00	18.33	14.89	3.218
86.0	16.67	19.29	30.46	15.51	10.05	9.136	8.400	8.325	6.578	1.690
88.0	7.226	6.440	5.273	3.857	2.862	2.568	2.422	2.545	2.172	1.189
90.0	7.022	5.828	4.380	3.040	2.176	1.686	1.529	1.410	1.361	1.266
92.0	7.906	6.580	4.970	3.503	2.520	1.979	1.781	1.643	1.590	1.520
94.0	8.795	7.351	5.586	3.992	2.919	2.300	2.063	1.921	1.867	1.810
96.0	9.666	8.116	6.233	4.527	3.336	2.658	2.380	2.223	2.159	2.113
98.0	10.49	8.860	6.879	5.060	3.788	3.041	2.718	2.548	2.487	2.450
100.0	11.29	9.581	7.511	5.593	4.256	3.440	3.085	2.898	2.834	2.804
102.0	12.01	10.26	8.117	6.125	4.719	3.855	3.465	3.264	3.193	3.164
104.0	12.65	10.90	8.705	6.643	5.185	4.279	3.853	3.643	3.562	3.524
106.0	13.22	11.49	9.265	7.154	5.644	4.716	4.246	4.016	3.950	3.910
108.0	13.75	12.04	9.769	7.648	6.107	5.159	4.642	4.401	4.341	4.308
110.0	14.20	12.51	10.24	8.132	6.583	5.589	5.050	4.800	4.738	4.719
112.0	14.60	12.93	10.69	8.619	7.059	6.033	5.452	5.210	5.151	5.138
114.0	14.95	13.30	11.12	9.101	7.524	6.480	5.872	5.611	5.570	5.559
116.0	15.26	13.67	11.56	9.577	7.984	6.925	6.297	6.049	6.007	6.010
118.0	15.57	14.04	12.00	10.05	8.441	7.364	6.735	6.484	6.456	6.462
120.0	15.87	14.41	12.44	10.52	8.893	7.789	7.185	6.939	6.908	6.914
122.0	16.14	14.76	12.86	10.95	9.320	8.214	7.632	7.384	7.362	7.363
124.0	16.35	15.06	13.24	11.35	9.705	8.632	8.060	7.830	7.793	7.787
126.0	16.50	15.31	13.57	11.70	10.08	9.043	8.478	8.257	8.210	8.196
128.0	16.58	15.50	13.83	12.00	10.44	9.432	8.869	8.667	8.594	8.574
130.0	16.60	15.62	14.02	12.26	10.78	9.801	9.248	9.049	8.967	8.932
132.0	16.56	15.65	14.15	12.51	11.08	10.16	9.614	9.403	9.317	9.284
134.0	16.48	15.66	14.26	12.72	11.37	10.48	9.970	9.736	9.645	9.614
136.0	16.43	15.65	14.33	12.90	11.65	10.79	10.31	10.07	9.979	9.935
138.0	16.34	15.59	14.38	13.07	11.91	11.10	10.65	10.40	10.29	10.26
140.0	16.23	15.52	14.41	13.21	12.15	11.41	10.97	10.72	10.61	10.58
142.0	16.11	15.44	14.43	13.35	12.41	11.72	11.28	11.04	10.92	10.88
144.0	15.98	15.36	14.44	13.49	12.66	12.03	11.59	11.34	11.23	11.18
146.0	15.83	15.27	14.46	13.67	12.91	12.32	11.89	11.65	11.52	11.47

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

148.0	15.69	15.21	14.54	13.85	13.17	12.60	12.19	11.95	11.83	11.77
150.0	15.60	15.22	14.63	14.05	13.43	12.88	12.49	12.26	12.13	12.05
152.0	15.59	15.27	14.78	14.27	13.67	13.16	12.79	12.56	12.44	12.36
154.0	15.62	15.36	14.97	14.49	13.94	13.45	13.09	12.88	12.77	12.68
156.0	15.70	15.48	15.16	14.71	14.20	13.73	13.40	13.22	13.11	13.02
158.0	15.82	15.65	15.38	14.96	14.48	14.03	13.74	13.58	13.47	13.37
160.0	15.97	15.85	15.61	15.22	14.77	14.36	14.09	13.95	13.84	13.73
162.0	16.16	16.10	15.86	15.49	15.07	14.69	14.45	14.33	14.21	14.06
164.0	16.38	16.36	16.12	15.78	15.37	15.03	14.81	14.69	14.56	14.41
166.0	16.62	16.62	16.40	16.05	15.68	15.36	15.17	15.04	14.90	14.75
168.0	16.88	16.90	16.69	16.34	15.99	15.69	15.51	15.38	15.23	15.10
170.0	17.16	17.18	16.98	16.60	16.29	16.03	15.84	15.72	15.57	15.45
172.0	17.46	17.47	17.23	16.86	16.60	16.35	16.17	16.05	15.91	15.81
174.0	17.77	17.78	17.42	17.12	16.89	16.66	16.49	16.37	16.25	16.18
176.0	18.08	17.97	17.61	17.37	17.14	16.94	16.80	16.70	16.60	16.56
178.0	18.25	18.07	17.74	17.56	17.37	17.21	17.10	17.04	16.95	16.91
180.0	18.32	18.09	17.86	17.71	17.56	17.44	17.34	17.30	17.22	17.22

G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
2.0	1870	1868	1866	1862	1859	1853	1849	1844	1838	1833
4.0	1903	1899	1895	1888	1879	1871	1861	1850	1839	1828
6.0	1937	1932	1925	1914	1903	1889	1874	1858	1840	1824
8.0	1972	1964	1955	1943	1927	1909	1890	1868	1846	1824
10.0	2009	2001	1989	1972	1954	1932	1907	1881	1853	1825
12.0	2044	2035	2023	2005	1983	1958	1928	1898	1863	1829
14.0	2079	2069	2057	2039	2015	1986	1952	1916	1875	1835
16.0	2113	2104	2091	2074	2051	2017	1980	1936	1890	1843
18.0	2144	2136	2126	2112	2087	2053	2009	1961	1907	1852
20.0	2172	2166	2160	2149	2126	2090	2043	1988	1927	1863
22.0	2192	2191	2190	2186	2168	2130	2080	2018	1948	1877
24.0	2209	2212	2219	2223	2211	2173	2119	2050	1971	1889
26.0	2218	2226	2242	2257	2253	2218	2161	2084	1995	1902
28.0	2219	2235	2260	2287	2295	2266	2205	2120	2019	1916
30.0	2210	2236	2273	2314	2335	2316	2251	2156	2046	1930
32.0	2188	2225	2276	2336	2374	2366	2301	2198	2073	1944
34.0	2155	2202	2269	2350	2409	2418	2357	2239	2102	1958
36.0	2110	2168	2251	2354	2443	2470	2418	2284	2131	1971
38.0	2055	2121	2222	2350	2467	2522	2479	2332	2160	1984
40.0	1986	2061	2181	2336	2485	2571	2544	2385	2189	1995
42.0	1904	1988	2124	2311	2494	2618	2614	2444	2219	2003
44.0	1809	1902	2051	2273	2495	2659	2687	2510	2254	2013
46.0	1707	1803	1966	2221	2490	2695	2763	2590	2291	2024
48.0	1596	1695	1869	2153	2473	2728	2839	2682	2335	2034
50.0	1484	1577	1759	2068	2449	2759	2914	2783	2386	2046
52.0	1367	1452	1633	1968	2413	2786	2989	2899	2449	2060
54.0	1238	1314	1488	1849	2363	2810	3064	3026	2524	2077
56.0	1105	1166	1326	1710	2296	2832	3138	3155	2620	2097
58.0	965.3	1017	1150	1536	2207	2855	3212	3277	2735	2118
60.0	828.4	872.0	977.1	1322	2092	2872	3281	3384	2873	2138
62.0	700.1	736.6	810.3	1071	1936	2882	3346	3475	3029	2151
64.0	574.9	608.2	661.7	827.5	1717	2870	3386	3532	3166	2145
66.0	452.6	485.0	523.5	630.5	1390	2817	3384	3529	3230	2107
68.0	341.7	367.0	401.4	474.4	943.8	2684	3298	3418	3153	2006
70.0	254.3	274.8	291.8	346.9	497.1	2279	3079	3154	2923	1834
72.0	164.3	197.8	210.9	256.2	320.8	1872	2703	2749	2583	1604
74.0	117.6	137.9	153.5	165.7	208.1	1063	2177	2214	2102	1334
76.0	90.58	100.0	120.7	121.0	142.3	409.3	1534	1512	1443	1006
78.0	68.55	73.39	88.00	83.96	106.9	207.3	981.4	844.2	860.1	678.4
80.0	48.32	51.85	61.49	61.35	71.38	137.7	429.4	425.9	456.3	399.2
82.0	28.99	33.47	39.55	41.11	49.03	90.24	219.5	200.0	267.2	205.3
84.0	15.02	18.79	21.07	23.27	27.05	47.68	128.8	76.68	78.64	113.0
86.0	6.623	8.646	9.021	9.993	10.94	17.65	38.57	24.20	18.54	21.30
88.0	2.227	2.708	2.642	2.847	2.948	3.959	5.884	6.266	6.542	6.972
90.0	1.325	1.384	1.458	1.578	1.926	2.611	3.775	5.127	6.120	6.765
92.0	1.558	1.611	1.694	1.850	2.269	3.079	4.377	5.916	7.181	7.924
94.0	1.838	1.882	1.988	2.165	2.659	3.598	5.061	6.762	8.258	9.103
96.0	2.135	2.183	2.300	2.517	3.087	4.146	5.759	7.625	9.346	10.27
98.0	2.474	2.516	2.642	2.900	3.540	4.712	6.483	8.483	10.41	11.41
100.0	2.819	2.866	3.009	3.299	4.017	5.303	7.214	9.330	11.41	12.47
102.0	3.173	3.227	3.379	3.712	4.510	5.887	7.916	10.13	12.33	13.41
104.0	3.539	3.595	3.763	4.140	4.998	6.472	8.602	10.91	13.12	14.15
106.0	3.937	3.978	4.161	4.576	5.476	7.036	9.260	11.64	13.76	14.77
108.0	4.331	4.367	4.566	5.018	5.967	7.591	9.879	12.31	14.33	15.28
110.0	4.735	4.769	4.977	5.472	6.463	8.132	10.44	12.91	14.80	15.71

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

112.0	5.151	5.179	5.397	5.919	6.961	8.652	10.95	13.41	15.16	16.02
114.0	5.566	5.593	5.815	6.386	7.458	9.159	11.42	13.83	15.45	16.26
116.0	6.012	6.021	6.244	6.843	7.941	9.636	11.86	14.17	15.71	16.47
118.0	6.449	6.454	6.687	7.288	8.423	10.11	12.28	14.51	15.97	16.65
120.0	6.885	6.887	7.120	7.717	8.874	10.53	12.61	14.76	16.25	16.83
122.0	7.311	7.313	7.537	8.144	9.290	10.91	12.88	14.91	16.49	16.94
124.0	7.717	7.725	7.941	8.557	9.644	11.20	13.05	14.94	16.70	17.03
126.0	8.110	8.135	8.327	8.924	9.984	11.42	13.11	14.88	16.87	17.07
128.0	8.481	8.506	8.694	9.284	10.28	11.59	13.12	14.75	17.01	17.08
130.0	8.835	8.852	9.052	9.619	10.55	11.72	13.08	14.55	17.11	17.08
132.0	9.178	9.186	9.395	9.930	10.78	11.83	13.02	14.36	17.24	17.14
134.0	9.496	9.503	9.719	10.21	11.00	11.93	12.99	14.22	17.44	17.33
136.0	9.815	9.811	10.04	10.48	11.19	12.01	12.98	14.11	17.64	17.58
138.0	10.12	10.11	10.34	10.73	11.37	12.11	12.98	14.06	17.79	17.75
140.0	10.42	10.39	10.62	10.98	11.52	12.21	13.03	14.05	17.86	17.84
142.0	10.72	10.67	10.88	11.21	11.69	12.31	13.09	14.07	17.86	17.86
144.0	11.02	10.96	11.14	11.44	11.86	12.42	13.16	14.10	17.78	17.81
146.0	11.32	11.25	11.40	11.67	12.04	12.55	13.24	14.10	17.63	17.67
148.0	11.61	11.53	11.66	11.89	12.23	12.70	13.35	14.12	17.48	17.56
150.0	11.91	11.81	11.90	12.09	12.43	12.87	13.48	14.18	17.34	17.43
152.0	12.22	12.10	12.15	12.32	12.62	13.07	13.63	14.27	17.23	17.34
154.0	12.53	12.40	12.41	12.55	12.84	13.28	13.82	14.39	17.16	17.27
156.0	12.86	12.73	12.72	12.82	13.10	13.49	14.01	14.56	17.11	17.22
158.0	13.22	13.08	13.06	13.14	13.37	13.74	14.23	14.74	17.12	17.21
160.0	13.58	13.45	13.40	13.46	13.67	13.99	14.47	14.93	17.15	17.20
162.0	13.94	13.82	13.77	13.83	14.01	14.31	14.74	15.16	17.17	17.19
164.0	14.29	14.19	14.15	14.20	14.37	14.63	15.01	15.39	17.29	17.27
166.0	14.65	14.58	14.55	14.60	14.75	14.96	15.30	15.64	17.44	17.39
168.0	15.02	14.98	14.96	15.01	15.14	15.32	15.58	15.92	17.59	17.49
170.0	15.39	15.36	15.37	15.43	15.54	15.68	15.90	16.20	17.75	17.61
172.0	15.76	15.76	15.78	15.85	15.94	16.05	16.22	16.50	17.95	17.75
174.0	16.15	16.17	16.19	16.27	16.35	16.42	16.56	16.82	18.19	17.92
176.0	16.54	16.57	16.60	16.67	16.74	16.80	16.92	17.14	18.35	18.04
178.0	16.91	16.96	17.00	17.05	17.09	17.11	17.19	17.35	18.36	18.08
180.0	17.23	17.30	17.32	17.34	17.35	17.35	17.40	17.50	18.33	18.08

G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
2.0	1827	1821	1818	1813	1809	1808	1807	1808	1808	1809
4.0	1816	1806	1799	1791	1784	1780	1779	1778	1781	1783
6.0	1808	1793	1780	1768	1759	1754	1749	1750	1751	1756
8.0	1801	1782	1763	1748	1735	1729	1724	1724	1726	1733
10.0	1797	1771	1748	1729	1714	1704	1697	1696	1700	1708
12.0	1795	1762	1735	1709	1689	1678	1670	1669	1674	1683
14.0	1794	1754	1719	1689	1666	1652	1644	1643	1648	1658
16.0	1793	1747	1705	1669	1643	1626	1618	1617	1622	1634
18.0	1794	1738	1689	1648	1619	1601	1590	1590	1596	1608
20.0	1796	1729	1673	1627	1593	1574	1564	1562	1568	1582
22.0	1798	1721	1656	1605	1569	1547	1536	1534	1541	1556
24.0	1799	1711	1638	1582	1541	1519	1507	1506	1512	1528
26.0	1800	1701	1619	1557	1514	1490	1479	1478	1485	1500
28.0	1802	1689	1598	1530	1485	1460	1451	1450	1457	1472
30.0	1800	1675	1575	1500	1454	1431	1422	1422	1428	1443
32.0	1798	1659	1550	1469	1423	1400	1391	1392	1399	1412
34.0	1794	1641	1520	1435	1390	1368	1359	1360	1367	1380
36.0	1789	1619	1487	1399	1354	1335	1327	1328	1334	1346
38.0	1781	1594	1449	1360	1318	1299	1292	1292	1300	1310
40.0	1771	1565	1409	1319	1278	1262	1256	1256	1262	1272
42.0	1758	1531	1365	1277	1238	1223	1218	1218	1224	1232
44.0	1741	1492	1319	1232	1196	1184	1179	1179	1183	1191
46.0	1723	1447	1269	1184	1153	1144	1139	1139	1142	1149
48.0	1701	1400	1217	1136	1109	1102	1096	1096	1098	1106
50.0	1676	1344	1160	1086	1062	1058	1052	1052	1054	1061
52.0	1648	1286	1102	1034	1014	1012	1007	1006	1008	1015
54.0	1617	1223	1042	980.4	963.3	963.2	958.8	954.0	958.2	965.0
56.0	1579	1153	979.8	924.8	910.5	908.2	904.5	897.4	902.4	909.2
58.0	1538	1078	916.2	866.1	852.9	848.5	845.9	836.5	843.5	847.9
60.0	1492	997.3	849.8	804.6	790.3	781.6	778.8	767.0	773.5	779.2
62.0	1438	915.5	780.8	739.3	722.4	706.4	699.9	690.1	694.6	699.9
64.0	1373	832.2	709.5	667.1	645.2	625.2	620.5	615.4	616.9	618.9
66.0	1293	746.5	634.4	588.6	561.2	547.5	547.8	545.4	544.6	542.2
68.0	1192	660.2	554.2	502.1	483.0	476.0	468.4	444.3	462.0	470.0
70.0	1063	571.1	467.9	420.5	411.2	395.9	345.9	314.8	336.2	385.1
72.0	907.0	479.6	378.3	348.0	337.2	296.1	240.5	193.7	233.0	281.1
74.0	731.9	382.3	300.6	276.4	265.0	195.6	135.2	120.0	129.8	175.5

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

76.0	548.4	283.8	214.2	201.5	181.7	126.2	78.43	74.39	76.30	113.5
78.0	374.3	202.2	127.9	128.4	108.5	57.07	49.26	45.46	47.21	51.82
80.0	246.1	121.1	70.86	55.35	54.09	28.92	22.17	18.64	20.52	24.88
82.0	118.0	59.26	41.21	30.93	23.00	11.01	5.211	1.809	3.898	8.694
84.0	38.68	24.55	19.46	14.57	8.683	3.736	1.290	0.4558	0.9458	2.812
86.0	13.35	10.13	7.661	4.813	2.821	1.331	0.6707	0.5722	0.6096	1.111
88.0	6.415	4.942	3.375	1.846	1.062	0.8204	0.7393	0.7356	0.7488	0.8174
90.0	6.277	4.996	3.374	1.956	1.147	1.007	0.9499	0.9411	0.9596	1.023
92.0	7.447	6.020	4.218	2.587	1.524	1.287	1.203	1.203	1.215	1.308
94.0	8.643	7.110	5.118	3.292	1.990	1.610	1.498	1.501	1.516	1.633
96.0	9.825	8.223	6.055	4.059	2.538	2.007	1.854	1.856	1.871	2.031
98.0	11.01	9.340	7.030	4.899	3.172	2.471	2.274	2.256	2.282	2.485
100.0	12.09	10.39	7.979	5.765	3.861	3.004	2.740	2.712	2.746	3.000
102.0	13.01	11.29	8.847	6.605	4.610	3.591	3.254	3.221	3.265	3.570
104.0	13.71	12.03	9.610	7.387	5.392	4.218	3.804	3.754	3.812	4.182
106.0	14.27	12.63	10.28	8.069	6.166	4.887	4.391	4.330	4.405	4.821
108.0	14.76	13.12	10.83	8.695	6.909	5.566	5.019	4.928	5.010	5.468
110.0	15.19	13.51	11.33	9.263	7.591	6.255	5.661	5.549	5.638	6.126
112.0	15.51	13.87	11.80	9.827	8.207	6.951	6.331	6.196	6.295	6.791
114.0	15.78	14.25	12.29	10.40	8.816	7.639	7.036	6.863	6.979	7.441
116.0	16.02	14.64	12.80	10.99	9.418	8.316	7.731	7.551	7.657	8.094
118.0	16.24	15.02	13.30	11.56	10.02	8.989	8.439	8.239	8.355	8.767
120.0	16.41	15.36	13.76	12.11	10.66	9.656	9.161	8.932	9.053	9.435
122.0	16.52	15.57	14.16	12.64	11.28	10.33	9.854	9.629	9.729	10.09
124.0	16.54	15.63	14.42	13.11	11.88	10.99	10.55	10.31	10.42	10.77
126.0	16.50	15.58	14.53	13.50	12.44	11.64	11.21	10.99	11.08	11.45
128.0	16.42	15.43	14.60	13.79	12.92	12.26	11.85	11.63	11.72	12.11
130.0	16.29	15.31	14.61	13.99	13.32	12.82	12.45	12.23	12.33	12.75
132.0	16.22	15.22	14.59	14.15	13.67	13.30	12.98	12.79	12.90	13.32
134.0	16.26	15.22	14.60	14.28	13.98	13.71	13.47	13.32	13.42	13.85
136.0	16.40	15.29	14.65	14.39	14.24	14.06	13.89	13.79	13.89	14.33
138.0	16.60	15.45	14.77	14.52	14.46	14.36	14.28	14.23	14.32	14.76
140.0	16.81	15.66	14.93	14.70	14.66	14.63	14.62	14.61	14.72	15.14
142.0	16.99	15.82	15.14	14.92	14.84	14.85	14.90	14.96	15.07	15.47
144.0	17.08	15.98	15.36	15.16	14.99	15.04	15.16	15.25	15.37	15.75
146.0	17.08	16.13	15.58	15.35	15.16	15.23	15.39	15.52	15.63	15.99
148.0	17.10	16.31	15.84	15.58	15.37	15.45	15.61	15.76	15.88	16.24
150.0	17.09	16.48	16.05	15.78	15.56	15.66	15.81	15.94	16.08	16.44
152.0	17.09	16.64	16.25	15.98	15.75	15.85	15.98	16.10	16.24	16.61
154.0	17.11	16.76	16.41	16.17	15.96	16.04	16.17	16.28	16.41	16.72
156.0	17.11	16.84	16.56	16.35	16.18	16.24	16.34	16.44	16.57	16.84
158.0	17.12	16.92	16.70	16.55	16.40	16.46	16.53	16.62	16.74	16.96
160.0	17.14	16.99	16.81	16.71	16.60	16.66	16.71	16.79	16.88	17.07
162.0	17.15	17.03	16.90	16.83	16.75	16.82	16.86	16.92	16.99	17.16
164.0	17.23	17.16	17.05	17.02	16.96	17.03	17.05	17.10	17.17	17.29
166.0	17.34	17.31	17.22	17.20	17.16	17.24	17.24	17.28	17.33	17.42
168.0	17.43	17.41	17.34	17.33	17.31	17.37	17.37	17.41	17.44	17.51
170.0	17.54	17.51	17.44	17.44	17.42	17.48	17.46	17.50	17.52	17.57
172.0	17.67	17.64	17.58	17.57	17.53	17.56	17.53	17.56	17.58	17.63
174.0	17.82	17.76	17.68	17.62	17.57	17.58	17.54	17.57	17.60	17.65
176.0	17.90	17.79	17.69	17.60	17.54	17.54	17.51	17.51	17.53	17.58
178.0	17.90	17.78	17.64	17.54	17.47	17.45	17.39	17.41	17.43	17.47
180.0	17.87	17.72	17.56	17.44	17.35	17.31	17.23	17.21	17.24	17.29

G/C	300.0	310.0	320.0	330.0	340.0	350.0
0.0	1839	1839	1839	1839	1839	1839
2.0	1813	1815	1820	1825	1830	1836
4.0	1789	1795	1803	1812	1823	1833
6.0	1764	1775	1787	1802	1817	1834
8.0	1742	1755	1773	1793	1813	1835
10.0	1722	1739	1760	1785	1812	1841
12.0	1700	1721	1747	1779	1813	1848
14.0	1678	1703	1735	1773	1814	1858
16.0	1656	1684	1722	1767	1816	1869
18.0	1632	1665	1709	1761	1821	1882
20.0	1608	1645	1694	1755	1824	1897
22.0	1583	1623	1679	1748	1827	1913
24.0	1558	1601	1663	1741	1831	1930
26.0	1530	1577	1643	1732	1836	1947
28.0	1501	1549	1623	1721	1839	1966
30.0	1471	1520	1600	1709	1841	1986
32.0	1441	1488	1574	1695	1843	2005
34.0	1407	1453	1543	1676	1843	2025
36.0	1371	1417	1507	1653	1841	2043
38.0	1332	1377	1467	1627	1836	2061

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

40.0	1293	1335	1425	1596	1828	2079
42.0	1251	1292	1381	1559	1817	2096
44.0	1209	1246	1333	1517	1805	2112
46.0	1164	1197	1282	1472	1790	2128
48.0	1119	1148	1229	1421	1771	2146
50.0	1070	1095	1172	1364	1748	2164
52.0	1021	1043	1112	1303	1721	2185
54.0	969.7	988.2	1050	1238	1690	2208
56.0	915.4	931.5	987.6	1167	1654	2232
58.0	855.9	872.1	922.9	1093	1611	2255
60.0	790.3	808.0	856.1	1014	1563	2271
62.0	719.5	739.1	785.8	933.8	1504	2272
64.0	637.4	663.1	711.6	851.3	1429	2242
66.0	553.9	579.5	632.1	765.9	1334	2162
68.0	476.6	492.2	546.8	676.6	1213	2013
70.0	403.9	412.7	456.4	581.8	1064	1799
72.0	328.9	339.2	367.9	481.3	888.0	1541
74.0	248.2	266.1	291.4	373.3	697.1	1248
76.0	167.5	186.7	203.5	270.6	504.7	919.2
78.0	91.81	117.7	110.9	185.7	329.3	590.5
80.0	44.02	48.70	64.39	117.9	186.9	338.0
82.0	17.88	26.54	36.15	50.31	94.81	168.9
84.0	6.953	12.24	16.26	21.10	30.47	65.76
86.0	2.308	3.867	6.533	8.921	11.77	17.08
88.0	1.014	1.641	2.944	4.452	5.931	6.664
90.0	1.178	1.902	3.212	4.851	6.248	6.923
92.0	1.536	2.473	3.965	5.779	7.332	8.027
94.0	1.981	3.111	4.766	6.755	8.432	9.161
96.0	2.509	3.812	5.606	7.759	9.510	10.26
98.0	3.107	4.556	6.474	8.757	10.55	11.33
100.0	3.756	5.338	7.327	9.658	11.51	12.31
102.0	4.450	6.102	8.113	10.45	12.31	13.17
104.0	5.168	6.830	8.802	11.11	12.94	13.85
106.0	5.895	7.506	9.415	11.66	13.46	14.43
108.0	6.599	8.141	9.988	12.16	13.93	14.92
110.0	7.264	8.745	10.53	12.60	14.36	15.33
112.0	7.903	9.355	11.09	13.05	14.76	15.66
114.0	8.522	9.977	11.66	13.54	15.13	15.93
116.0	9.137	10.61	12.26	14.07	15.52	16.20
118.0	9.749	11.25	12.91	14.66	15.93	16.45
120.0	10.39	11.87	13.58	15.26	16.35	16.66
122.0	11.04	12.50	14.26	15.83	16.71	16.79
124.0	11.69	13.15	14.88	16.34	16.99	16.85
126.0	12.32	13.77	15.43	16.76	17.20	16.86
128.0	12.93	14.37	15.94	17.10	17.35	16.82
130.0	13.51	14.89	16.41	17.39	17.48	16.77
132.0	14.06	15.37	16.85	17.68	17.59	16.73
134.0	14.57	15.77	17.27	17.95	17.78	16.78
136.0	15.04	16.15	17.59	18.14	17.96	16.86
138.0	15.45	16.56	17.82	18.28	18.09	16.91
140.0	15.82	16.91	17.94	18.36	18.16	16.92
142.0	16.13	17.18	18.01	18.38	18.13	16.90
144.0	16.41	17.36	18.04	18.33	18.03	16.86
146.0	16.64	17.48	18.03	18.23	17.87	16.76
148.0	16.83	17.58	18.03	18.16	17.76	16.71
150.0	16.97	17.61	18.03	18.07	17.66	16.68
152.0	17.07	17.62	17.98	17.99	17.57	16.69
154.0	17.15	17.61	17.91	17.92	17.53	16.74
156.0	17.21	17.59	17.84	17.84	17.47	16.79
158.0	17.26	17.56	17.76	17.76	17.43	16.85
160.0	17.32	17.52	17.67	17.67	17.37	16.88
162.0	17.34	17.48	17.57	17.55	17.30	16.89
164.0	17.43	17.52	17.53	17.51	17.32	16.98
166.0	17.51	17.57	17.54	17.49	17.36	17.07
168.0	17.57	17.60	17.54	17.47	17.38	17.15
170.0	17.60	17.60	17.55	17.46	17.41	17.23
172.0	17.65	17.64	17.58	17.51	17.45	17.36
174.0	17.67	17.65	17.59	17.54	17.50	17.47
176.0	17.60	17.59	17.57	17.52	17.52	17.54
178.0	17.49	17.49	17.47	17.45	17.48	17.55
180.0	17.32	17.34	17.34	17.35	17.40	17.49

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:54.9-MIN:48.4%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-4-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L