ANEXO 25-0174-5-A VIALIT II 60W 48 LED 40W

DRIVER MOSO X6-060M052L

SPD ZYS-P10WD



Light Output Ratio:	100.0%		
Luminaire Power:	40.36 W		
I80 = 47.4 cd per klm.	I88 =	0.9 cd per klm.	
I90 = 0.9 cd per klm.	I80/I88 =	51.546	

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

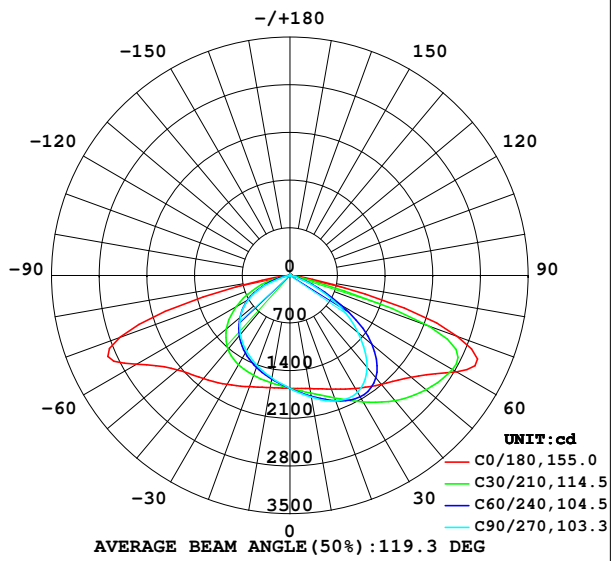
γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:54.9-MIN:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

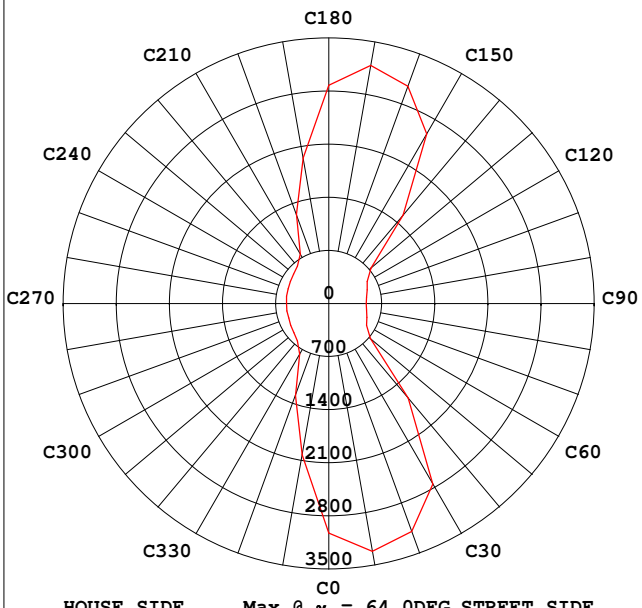
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 175.43 lm/W	
MODEL	--	Imax(cd)	3315	η street_up(%)	0.4
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	59.5
RATED VOLTAGE(V)	----	TOTAL FLUX(lm)	7080	η house_up(%)	0.5
NOMINAL FLUX(lm)	7079.99	MAXIMUM @(C,γ)	10,64.0	η house_down(%)	39.6
LAMPS INSIDE	1	η up(%)	0.9	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



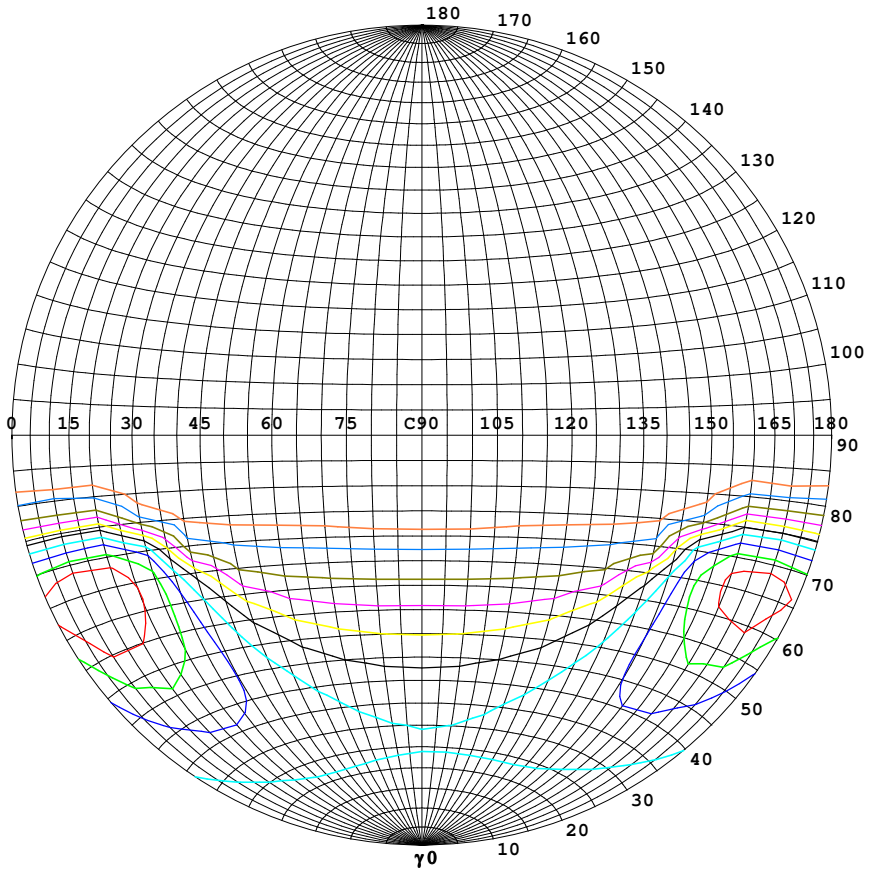
HOUSE SIDE Max @ γ = 64.0DEG STREET SIDE

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:58.65cd/klm
Max.At90:0.8968cd/klm
Max.80-90:58.65cd/klm
NRB 5101:Semi limited[19.2%]

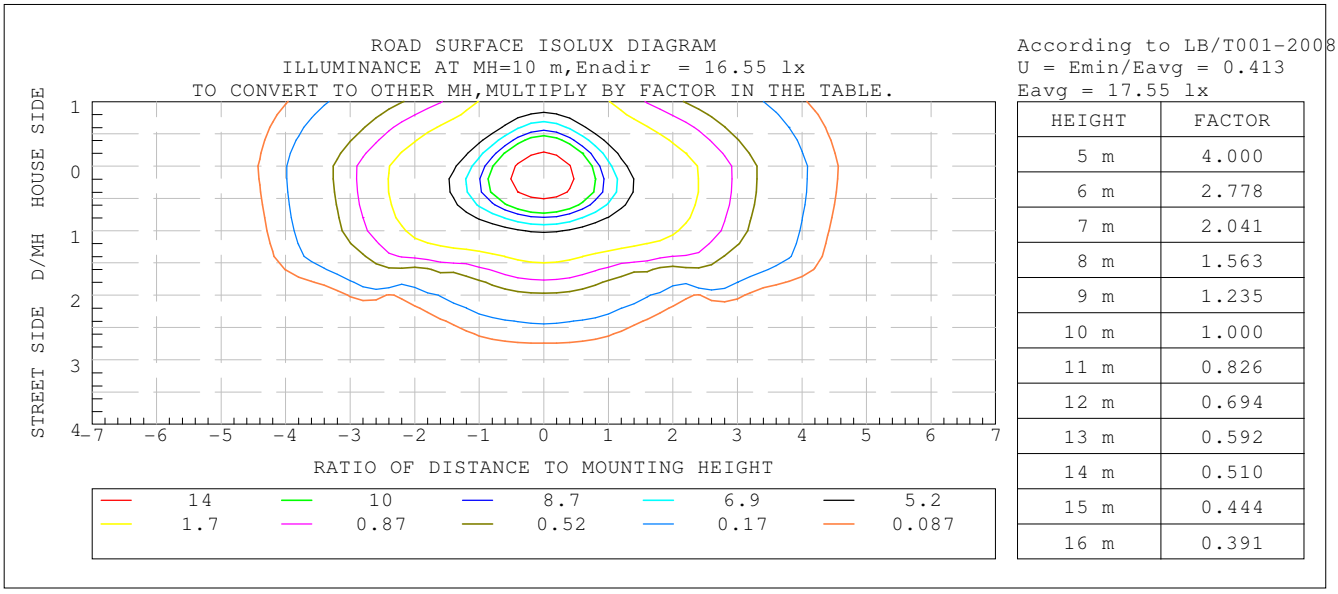
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3315
90%	2983
80%	2652
70%	2320
60%	1989
50%	1657
40%	1326
30%	994
20%	663
10%	331
5%	166

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-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 = 0.413
Eavg = 17.55 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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ZONAL FLUX DIAGRAM

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

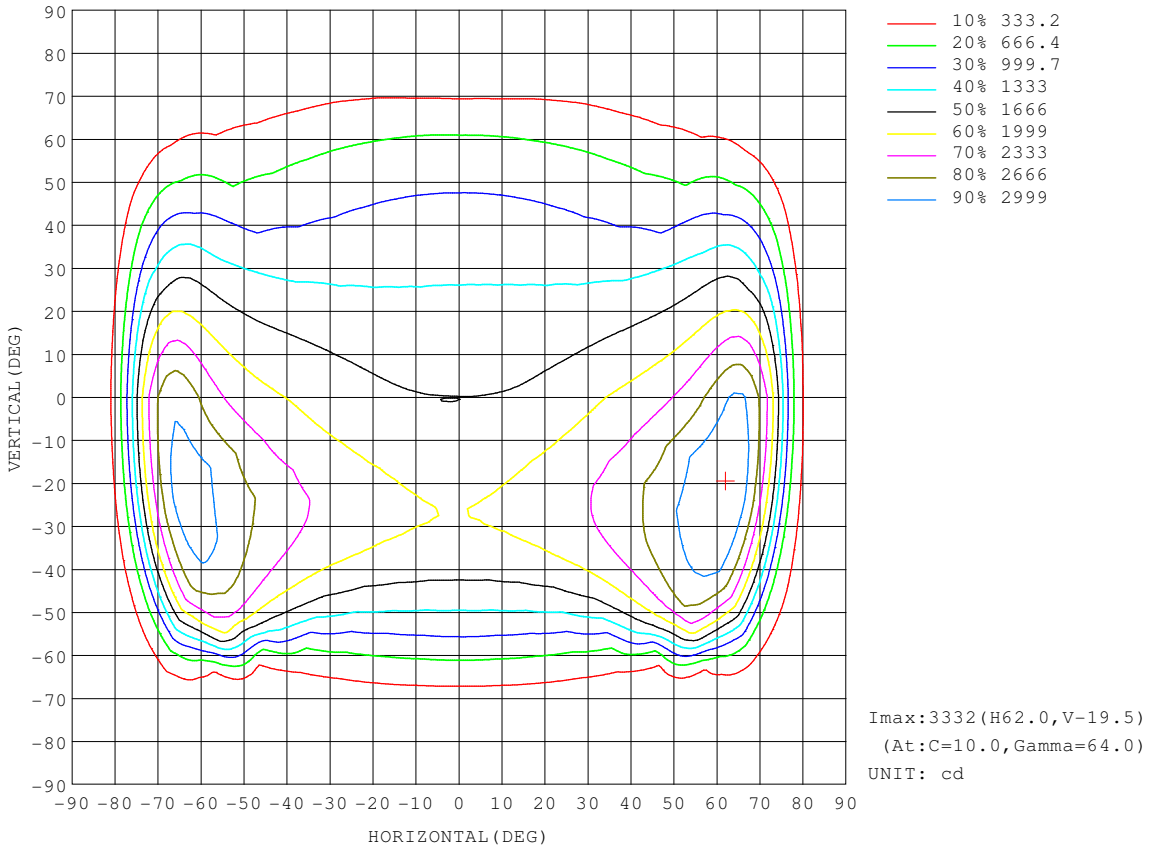
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1688	1780	1815	1773	1674	1569	1531	1580	0- 10	159.2	159.2	2.25,2.25
20	1777	1949	1962	1931	1739	1490	1410	1508	10- 20	481.7	640.9	9.05,9.05
30	1916	2128	1984	2098	1848	1390	1283	1409	20- 30	806.3	1447	20.4,20.4
40	2086	2209	1765	2172	1979	1235	1136	1249	30- 40	1100	2548	36,36
50	2326	2079	1311	2029	2160	1016	951.3	1026	40- 50	1304	3852	54.4,54.4
60	2831	1578	737.1	1522	2610	750.6	698.0	754.7	50- 60	1378	5230	73.9,73.9
70	2615	376.2	210.5	367.8	2650	406.2	293.5	397.8	60- 70	1223	6452	91.1,91.1
80	335.8	57.45	41.36	58.57	415.2	59.12	18.34	52.76	70- 80	529.3	6982	98.6,98.6
90	6.349	1.752	1.158	1.593	5.506	2.391	0.8343	2.261	80- 90	38.16	7020	99.1,99.1
100	10.21	3.502	2.554	3.324	10.29	6.177	2.413	5.651	90-100	4.431	7024	99.2,99.2
110	12.85	5.529	4.279	5.415	13.37	9.259	4.965	8.637	100-110	7.199	7031	99.3,99.3
120	14.37	7.558	6.266	7.514	14.68	11.61	8.034	11.42	110-120	9.015	7040	99.4,99.4
130	15.01	9.308	8.081	9.128	15.44	12.86	11.03	14.08	120-130	9.875	7050	99.6,99.6
140	14.66	10.63	9.554	10.17	16.08	13.35	13.19	15.71	130-140	9.497	7060	99.7,99.7
150	14.08	11.86	10.89	11.07	15.66	14.34	14.37	16.07	140-150	8.230	7068	99.8,99.8
160	14.38	13.14	12.39	12.26	15.49	15.11	15.12	15.86	150-160	6.369	7074	99.9,99.9
170	15.47	14.58	13.93	13.98	16.03	15.74	15.76	15.85	160-170	4.132	7079	100,100
180	16.55	15.80	15.52	15.65	16.55	15.79	15.51	15.65	170-180	1.471	7080	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 10.0 %									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators: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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED
DRIVER MOSO X6-060M052L

ISOCANDELA DIAGRAM

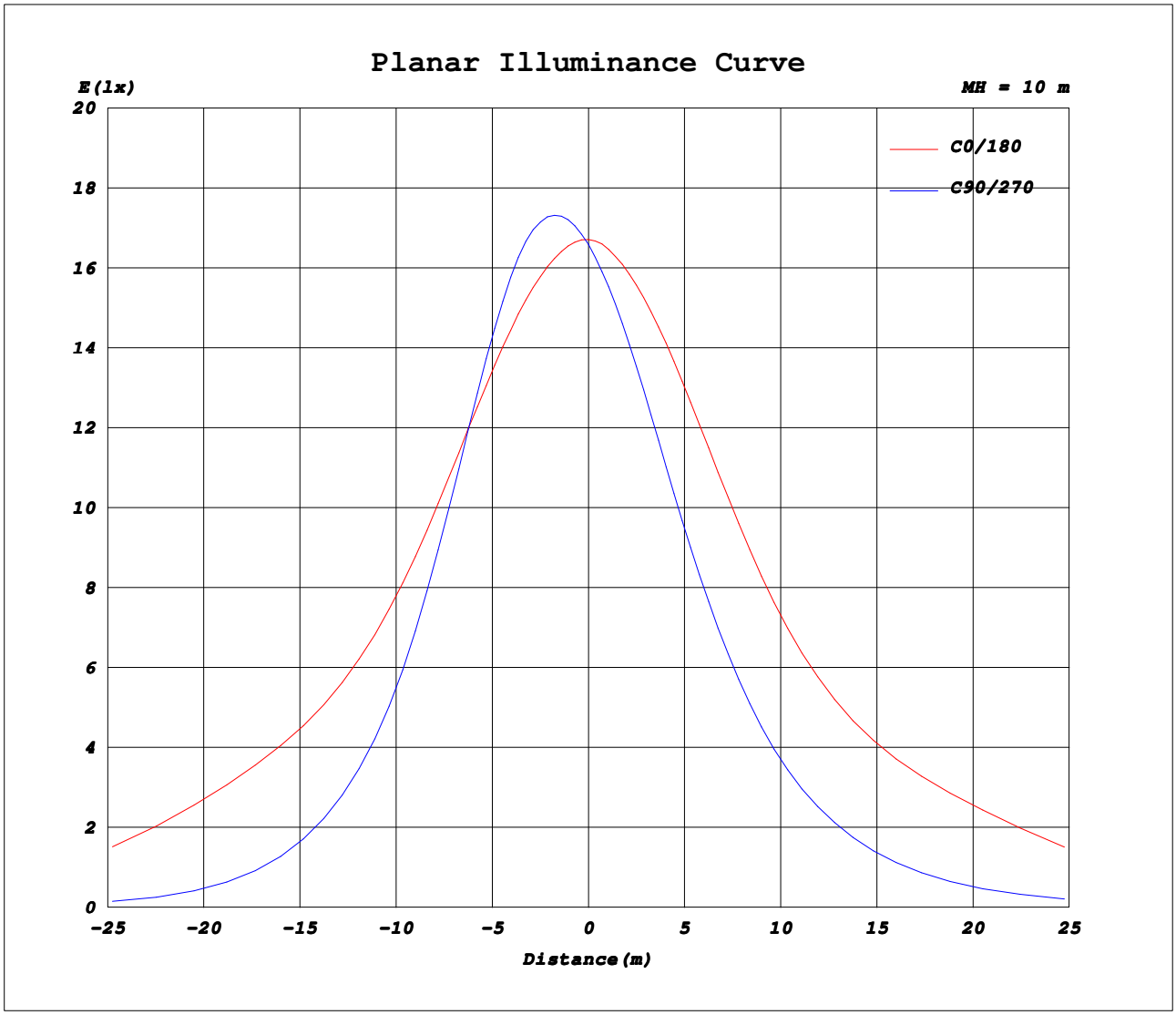
Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----



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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-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.**

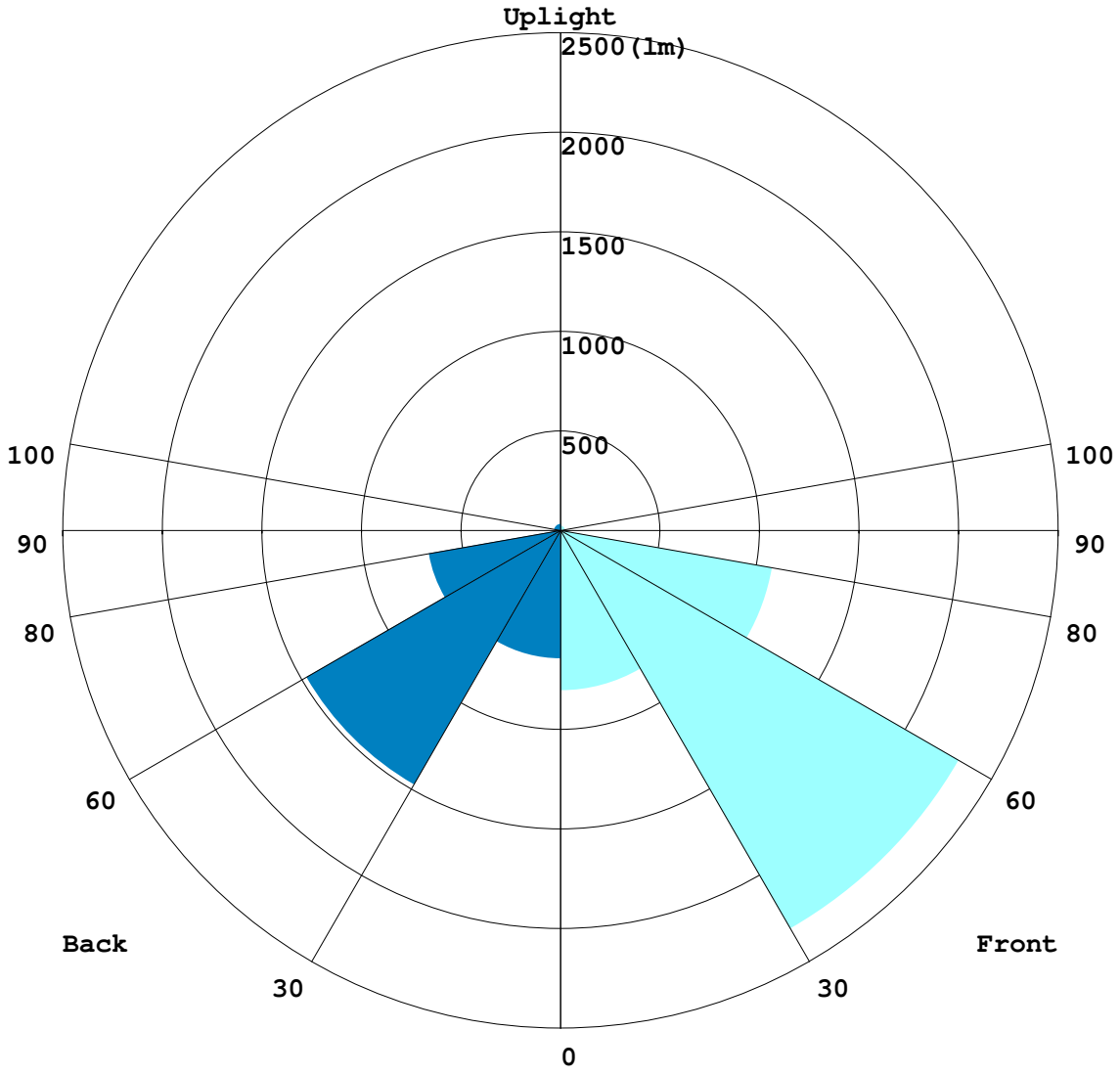
Testing Procedure: **Las prueba fue realizada de acuerdo con la norma LM 79 de 2019.**
Tiempo de estabilizacion: 0:14':30"
Tiempo de ensayo: 0:30':51"

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:48.8%***
Operators:Fabian Loaiza	***Test Distance:7.080m [K=1.0000]***
Test Date:2025-06-09	***Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L***

LCS REPORT

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

BUG REPORT

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
MFR.: ROY ALPHA S.A	SUR.:-----	Shielding Angle:-----

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	803.44	11.3
FM - Front-Medium(30-60)	2309.7	32.6
FH - Front-High(60-80)	1079.8	15.3
FVH - Front-Very High(80-90)	21.304	0.3
Total Forward Light	4240.4	59.9

BL - Back-Low(0-30)	643.77	9.1
BM - Back-Medium(30-60)	1472.8	20.8
BH - Back-High(60-80)	672.09	9.5
BVH - Back-Very High(80-90)	16.861	0.2
Total Back Light	2839.5	40.1

UL - Uplight-Low(90-100)	4.4309	0.1
UH - Uplight-High(100-180)	55.789	0.8
Total Up Light	60.219	0.9

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

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2805.5	34.04	2839.5
Street Side	4214.3	26.179	4240.4

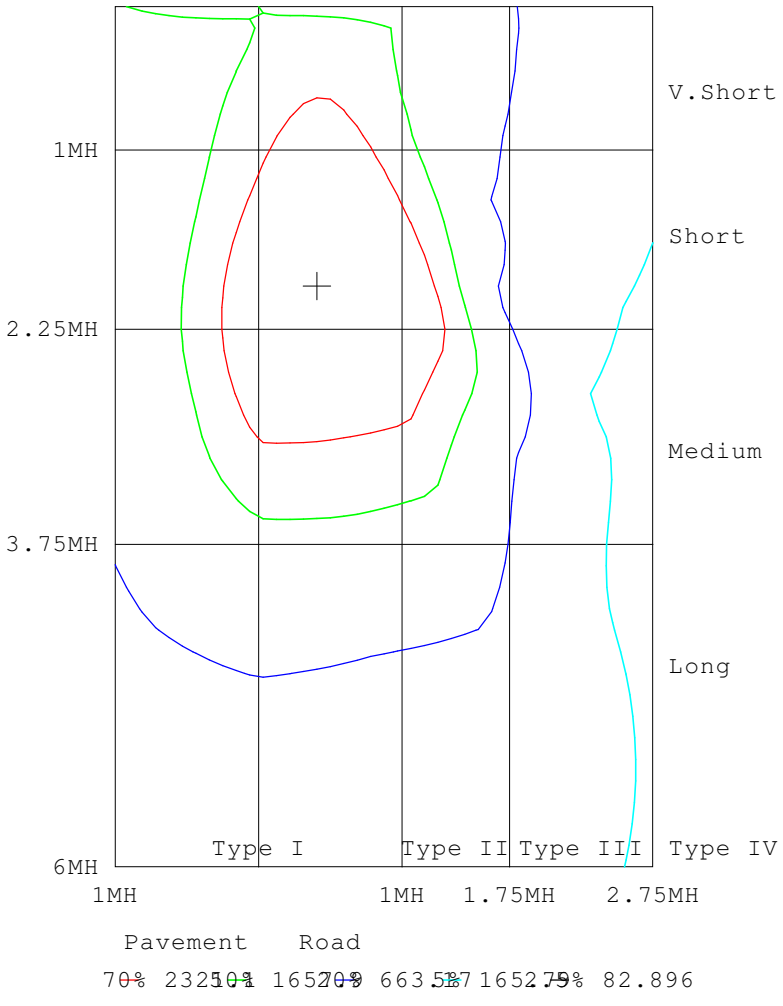
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25±1°CDEG
Operators:Fabian Loaiza
Test Date:2025-06-09

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.406.10
Humidity:MAX:54.9-MIN:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

ROAD ISOCANDELA REPORT

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
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	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
5	1665	1675	1684	1692	1701	1706	1711	1718	1718	1719	1718	1716	1710	1704	1698	1691	1680	1671	1661
10	1688	1712	1735	1755	1773	1787	1801	1812	1816	1815	1813	1807	1796	1781	1765	1744	1723	1700	1674
15	1716	1750	1782	1809	1833	1849	1863	1874	1879	1879	1877	1870	1857	1840	1821	1792	1762	1729	1693
20	1777	1829	1878	1915	1943	1955	1959	1963	1963	1962	1961	1956	1950	1942	1921	1887	1846	1795	1739
25	1829	1896	1954	1999	2025	2024	2013	2003	1993	1991	1992	1998	2001	2007	1997	1962	1913	1851	1780
30	1916	2012	2095	2144	2146	2110	2059	2022	1994	1984	1992	2017	2049	2086	2109	2091	2031	1947	1848
35	1982	2104	2208	2246	2220	2141	2052	1986	1939	1926	1940	1983	2045	2117	2176	2183	2128	2022	1898
40	2086	2268	2405	2401	2291	2126	1965	1854	1782	1765	1785	1855	1961	2104	2239	2321	2295	2154	1979
45	2168	2409	2552	2493	2305	2067	1845	1702	1619	1599	1624	1710	1841	2044	2249	2400	2426	2271	2038
50	2326	2693	2779	2609	2277	1881	1573	1409	1328	1311	1330	1414	1575	1856	2202	2486	2626	2516	2160
55	2482	2927	2934	2678	2209	1675	1326	1170	1106	1099	1108	1173	1329	1656	2120	2531	2760	2733	2286
60	2831	3241	3144	2761	1979	1177	862	774	738	737	737	776	868	1173	1871	2585	2958	3054	2610
65	3026	3315	3198	2747	1629	721	578	536	509	498	509	539	586	729	1524	2582	3049	3186	2876
70	2615	2768	2720	2173	456	297	252	247	223	210	222	248	256	305	430	2155	2764	2839	2650
75	1754	1806	1804	827	177	143	133	122	112	102	112	121	135	146	183	911	1941	1991	1911
80	336	368	300	119	62.4	52.5	51.9	45.2	42.1	41.4	42.2	45.4	53.8	54.2	63.0	122	377	381	415
85	56.7	51.4	79.1	39.3	22.2	18.7	17.2	15.8	13.1	2.94	12.6	16.1	18.0	19.9	23.3	41.5	113	68.8	71.6
90	6.35	5.30	3.99	2.76	1.97	1.54	1.39	1.30	1.25	1.16	1.22	1.26	1.33	1.43	1.75	2.37	3.41	4.64	5.51
95	7.95	6.66	5.09	3.64	2.66	2.10	1.88	1.75	1.70	1.65	1.68	1.71	1.81	1.97	2.42	3.26	4.59	6.12	7.44
100	10.2	8.69	6.83	5.10	3.88	3.13	2.80	2.64	2.57	2.55	2.57	2.61	2.74	3.00	3.65	4.82	6.53	8.44	10.3
105	11.4	9.87	7.90	6.05	4.71	3.89	3.50	3.31	3.24	3.21	3.23	3.27	3.43	3.77	4.54	5.86	7.79	9.86	11.8
110	12.9	11.3	9.31	7.39	5.97	5.09	4.59	4.36	4.30	4.28	4.30	4.33	4.52	4.97	5.86	7.37	9.45	11.7	13.4
115	13.5	12.1	10.1	8.26	6.83	5.88	5.33	5.10	5.06	5.06	5.07	5.09	5.28	5.79	6.76	8.30	10.3	12.5	14.0
120	14.4	13.1	11.3	9.53	8.05	7.06	6.50	6.29	6.26	6.27	6.25	6.25	6.46	6.99	8.03	9.56	11.4	13.4	14.7
125	14.8	13.6	12.0	10.3	8.80	7.81	7.30	7.09	7.06	7.05	6.99	7.01	7.19	7.74	8.74	10.2	11.8	13.6	15.1
130	15.0	14.1	12.7	11.1	9.75	8.87	8.37	8.19	8.11	8.08	8.00	8.02	8.19	8.71	9.54	10.6	11.8	13.2	15.4
135	14.9	14.1	12.9	11.5	10.3	9.47	9.01	8.82	8.73	8.69	8.59	8.60	8.80	9.24	9.96	10.8	11.7	12.9	15.7
140	14.7	14.0	13.0	11.9	11.0	10.3	9.91	9.69	9.58	9.55	9.43	9.39	9.59	9.92	10.4	11.0	11.8	12.7	16.1
145	14.4	13.9	13.0	12.2	11.4	10.8	10.5	10.3	10.1	10.1	9.96	9.90	10.1	10.4	10.7	11.2	11.9	12.7	16.0
150	14.1	13.7	13.2	12.7	12.1	11.6	11.3	11.1	10.9	10.9	10.8	10.7	10.7	10.9	11.2	11.6	12.2	12.8	15.7
155	14.1	13.8	13.5	13.1	12.6	12.1	11.8	11.6	11.5	11.4	11.3	11.2	11.2	11.3	11.6	12.0	12.5	13.0	15.5
160	14.4	14.3	14.1	13.7	13.3	13.0	12.7	12.6	12.5	12.4	12.3	12.1	12.1	12.2	12.4	12.6	13.0	13.5	15.5
165	14.8	14.7	14.6	14.2	13.9	13.6	13.4	13.3	13.1	13.0	12.9	12.8	12.8	12.8	13.0	13.2	13.5	13.9	15.6
170	15.5	15.5	15.3	15.0	14.7	14.5	14.3	14.2	14.0	13.9	13.9	13.9	13.9	13.9	14.0	14.2	14.3	14.6	16.0
175	16.0	16.0	15.7	15.4	15.2	15.0	14.9	14.8	14.7	14.6	14.6	14.6	14.6	14.7	14.8	14.8	15.0	15.2	16.4
180	16.5	16.3	16.1	16.0	15.9	15.7	15.7	15.6	15.5	15.5	15.5	15.6	15.6	15.6	15.7	15.7	15.7	15.8	16.5

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.10V I:0.2016A P:40.358W PF:0.9095 Freq:60.01Hz Lamp Flux:7079.99x1 lm		
NAME: ANEXO 25-0174-5-A VIALIT II 60W 48 LED	TYPE:Alumbrado Publico	WEIGHT:----
SPEC.:48 LED 40W	DIM.: ----	SERIAL No.:25-0174-5
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	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660		
5	1650	1640	1631	1623	1616	1612	1610	1607	1604	1606	1610	1614	1620	1628	1636	1644	1656		
10	1649	1624	1600	1578	1560	1549	1539	1533	1531	1535	1543	1555	1570	1590	1611	1634	1662		
15	1656	1619	1584	1551	1524	1505	1493	1484	1483	1488	1498	1515	1537	1567	1601	1636	1677		
20	1682	1622	1561	1510	1469	1440	1422	1413	1410	1416	1429	1453	1485	1531	1586	1647	1712		
25	1705	1625	1546	1479	1429	1393	1373	1361	1360	1366	1380	1406	1447	1502	1573	1654	1742		
30	1742	1626	1514	1424	1355	1315	1294	1285	1283	1290	1305	1329	1373	1445	1544	1663	1793		
35	1769	1623	1483	1374	1297	1256	1238	1229	1228	1234	1248	1271	1314	1395	1515	1664	1830		
40	1803	1603	1417	1276	1194	1156	1142	1135	1136	1141	1150	1170	1207	1290	1443	1652	1880		
45	1820	1578	1351	1194	1115	1083	1071	1066	1066	1070	1078	1093	1126	1206	1373	1631	1908		
50	1852	1519	1221	1050	982	962	958	952	951	954	961	969	992	1061	1235	1581	1955		
55	1882	1468	1110	944	888	874	873	868	865	868	875	878	895	951	1122	1529	1996		
60	1940	1358	908	771	730	718	711	708	698	704	709	718	734	776	919	1415	2055		
65	1951	1253	758	645	607	588	570	565	561	562	565	582	604	646	772	1294	2029		
70	1671	975	523	428	384	376	364	321	294	313	355	370	377	418	530	968	1631		
75	1223	674	352	276	254	240	184	127	113	122	167	229	245	268	341	636	1134		
80	370	206	114	66.1	52.1	52.0	28.2	21.4	18.3	20.0	23.9	42.2	45.6	59.9	109	173	309		
85	105	37.0	23.2	18.7	14.2	8.47	3.69	1.28	0.40	0.90	2.73	6.71	11.7	15.6	19.9	28.7	61.2		
90	6.08	5.65	4.49	3.04	1.75	1.02	0.89	0.84	0.83	0.84	0.91	1.03	1.67	2.85	4.32	5.59	6.22		
95	8.19	7.79	6.39	4.60	2.94	1.77	1.43	1.34	1.33	1.33	1.45	1.75	2.75	4.24	6.05	7.55	8.23		
100	11.3	10.9	9.36	7.18	5.17	3.45	2.68	2.44	2.41	2.44	2.66	3.33	4.75	6.55	8.67	10.3	11.1		
105	12.8	12.4	10.9	8.66	6.62	4.83	3.77	3.40	3.34	3.40	3.73	4.60	6.10	7.89	9.97	11.6	12.5		
110	14.2	13.7	12.2	10.2	8.31	6.82	5.61	5.07	4.97	5.05	5.47	6.49	7.83	9.45	11.3	12.9	13.8		
115	14.7	14.3	12.8	11.0	9.33	7.92	6.85	6.30	6.16	6.26	6.65	7.62	8.95	10.5	12.2	13.6	14.3		
120	15.2	14.8	13.8	12.4	10.9	9.57	8.69	8.22	8.03	8.14	8.45	9.32	10.7	12.2	13.7	14.7	15.0		
125	15.4	14.9	14.1	13.0	11.8	10.7	9.88	9.48	9.30	9.39	9.67	10.5	11.8	13.4	14.7	15.3	15.2		
130	15.4	14.7	13.8	13.1	12.6	12.0	11.5	11.2	11.0	11.1	11.5	12.1	13.4	14.8	15.6	15.7	15.2		
135	15.6	14.7	13.7	13.1	12.9	12.6	12.4	12.1	12.0	12.1	12.5	13.1	14.2	15.6	16.2	16.0	15.2		
140	16.1	15.2	14.1	13.5	13.2	13.2	13.2	13.2	13.2	13.3	13.6	14.2	15.2	16.2	16.6	16.4	15.3		
145	16.1	15.4	14.4	13.8	13.6	13.5	13.6	13.7	13.8	13.9	14.2	14.8	15.6	16.3	16.5	16.3	15.2		
150	15.7	15.4	14.9	14.5	14.2	14.0	14.1	14.2	14.4	14.5	14.8	15.3	15.9	16.3	16.3	15.9	15.1		
155	15.6	15.4	15.1	14.8	14.6	14.4	14.5	14.6	14.7	14.8	15.1	15.5	15.9	16.2	16.2	15.8	15.1		
160	15.5	15.5	15.3	15.2	15.1	15.0	15.0	15.1	15.1	15.2	15.4	15.6	15.8	15.9	15.9	15.6	15.2		
165	15.6	15.5	15.5	15.4	15.3	15.3	15.4	15.4	15.4	15.5	15.6	15.7	15.8	15.8	15.8	15.6	15.3		
170	15.9	15.8	15.8	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.9	15.9	15.8	15.8	15.7	15.5		
175	16.2	16.1	16.0	16.0	15.9	15.9	15.9	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8	15.8		
180	16.3	16.1	16.0	15.8	15.7	15.7	15.6	15.5	15.5	15.5	15.6	15.6	15.6	15.7	15.7	15.7	15.8		

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:54.9-MIN:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-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	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
2.0	1663	1666	1673	1676	1680	1681	1686	1690	1689	1688
4.0	1665	1675	1684	1692	1701	1706	1711	1718	1718	1719
6.0	1671	1686	1699	1710	1723	1733	1741	1748	1750	1751
8.0	1679	1696	1716	1732	1747	1759	1771	1778	1781	1782
10.0	1688	1712	1735	1755	1773	1787	1801	1812	1816	1815
12.0	1702	1728	1756	1780	1801	1818	1833	1844	1847	1848
14.0	1716	1750	1782	1809	1833	1849	1863	1874	1879	1879
16.0	1735	1774	1811	1841	1867	1881	1895	1907	1909	1911
18.0	1756	1799	1842	1877	1903	1918	1929	1937	1938	1939
20.0	1777	1829	1878	1915	1943	1955	1959	1963	1963	1962
22.0	1800	1861	1915	1955	1985	1990	1987	1985	1980	1980
24.0	1829	1896	1954	1999	2025	2024	2013	2003	1993	1991
26.0	1856	1933	1999	2045	2066	2056	2034	2016	2003	1997
28.0	1884	1971	2045	2094	2106	2084	2049	2023	2002	1996
30.0	1916	2012	2095	2144	2146	2110	2059	2022	1994	1984
32.0	1950	2058	2149	2194	2184	2128	2061	2010	1970	1960
34.0	1982	2104	2208	2246	2220	2141	2052	1986	1939	1926
36.0	2016	2155	2270	2298	2251	2144	2031	1953	1897	1883
38.0	2052	2208	2335	2353	2274	2138	2005	1909	1846	1830
40.0	2086	2268	2405	2401	2291	2126	1965	1854	1782	1765
42.0	2126	2334	2476	2450	2300	2102	1913	1784	1704	1688
44.0	2168	2409	2552	2493	2305	2067	1845	1702	1619	1599
46.0	2214	2492	2627	2533	2302	2020	1766	1612	1526	1505
48.0	2264	2587	2704	2573	2294	1960	1674	1514	1428	1409
50.0	2326	2693	2779	2609	2277	1881	1573	1409	1328	1311
52.0	2397	2807	2857	2642	2250	1788	1457	1295	1222	1206
54.0	2482	2927	2934	2678	2209	1675	1326	1170	1106	1099
56.0	2583	3046	3010	2709	2156	1544	1178	1039	986.7	982.6
58.0	2703	3150	3084	2737	2081	1379	1018	905.1	862.1	859.5
60.0	2831	3241	3144	2761	1979	1177	862.2	774.3	737.8	737.1
62.0	2946	3301	3189	2771	1837	941.5	712.2	652.5	622.4	616.1
64.0	3026	3315	3198	2747	1629	720.9	578.4	536.3	509.3	497.6
66.0	3015	3252	3143	2670	1290	547.8	454.7	426.0	399.1	389.5
68.0	2874	3075	2996	2496	817.1	409.2	347.6	321.4	300.0	296.6
70.0	2615	2768	2720	2173	455.6	296.7	252.2	247.3	222.6	210.5
72.0	2264	2287	2321	1578	275.7	203.0	182.6	173.3	144.9	141.3
74.0	1754	1806	1804	826.7	177.1	142.8	133.4	121.6	112.5	101.7
76.0	1140	1136	1166	310.5	123.4	103.8	99.85	88.33	80.21	79.48
78.0	646.4	604.7	603.2	174.9	86.79	72.19	75.03	64.69	60.26	60.19
80.0	335.8	368.4	300.4	119.3	62.41	52.48	51.93	45.23	42.13	41.36
82.0	161.8	133.3	156.5	76.92	42.45	34.25	32.91	28.78	25.19	12.11
84.0	56.70	51.39	79.10	39.33	22.24	18.68	17.22	15.80	13.11	2.945
86.0	15.02	16.85	26.20	13.41	8.515	7.674	7.042	6.969	5.719	1.485
88.0	6.515	5.720	4.714	3.382	2.447	2.127	2.003	2.095	1.818	1.058
90.0	6.349	5.297	3.987	2.764	1.967	1.537	1.390	1.297	1.245	1.158
92.0	7.155	5.968	4.525	3.195	2.296	1.803	1.623	1.507	1.452	1.389
94.0	7.954	6.663	5.087	3.642	2.658	2.100	1.876	1.753	1.703	1.647
96.0	8.742	7.356	5.662	4.118	3.046	2.416	2.165	2.028	1.972	1.930
98.0	9.500	8.033	6.246	4.607	3.455	2.763	2.469	2.326	2.273	2.237
100.0	10.21	8.689	6.831	5.097	3.877	3.126	2.805	2.643	2.572	2.554
102.0	10.86	9.308	7.379	5.570	4.291	3.505	3.149	2.972	2.897	2.875
104.0	11.43	9.869	7.902	6.045	4.711	3.891	3.497	3.310	3.235	3.206
106.0	11.95	10.41	8.402	6.504	5.134	4.283	3.854	3.653	3.585	3.553
108.0	12.45	10.90	8.871	6.946	5.554	4.687	4.224	3.999	3.934	3.910
110.0	12.85	11.34	9.312	7.389	5.972	5.085	4.589	4.362	4.304	4.279
112.0	13.22	11.71	9.703	7.823	6.401	5.478	4.960	4.721	4.671	4.661
114.0	13.54	12.06	10.09	8.258	6.829	5.881	5.332	5.102	5.062	5.058
116.0	13.82	12.40	10.49	8.691	7.243	6.283	5.710	5.485	5.449	5.453
118.0	14.10	12.73	10.88	9.120	7.653	6.678	6.106	5.881	5.853	5.857
120.0	14.37	13.05	11.28	9.530	8.052	7.064	6.504	6.292	6.264	6.266
122.0	14.59	13.36	11.65	9.922	8.438	7.440	6.905	6.690	6.665	6.667
124.0	14.78	13.64	11.99	10.28	8.802	7.814	7.300	7.090	7.060	7.050
126.0	14.91	13.86	12.28	10.59	9.139	8.187	7.675	7.483	7.433	7.416
128.0	14.99	14.03	12.52	10.86	9.445	8.536	8.024	7.848	7.777	7.755
130.0	15.01	14.12	12.69	11.09	9.748	8.868	8.368	8.187	8.105	8.081
132.0	14.97	14.16	12.80	11.30	10.02	9.184	8.691	8.504	8.425	8.393
134.0	14.89	14.14	12.90	11.49	10.28	9.471	9.007	8.815	8.726	8.691
136.0	14.83	14.13	12.95	11.65	10.52	9.742	9.324	9.111	9.024	8.985
138.0	14.75	14.08	12.99	11.79	10.76	10.02	9.617	9.398	9.311	9.273
140.0	14.66	14.00	13.01	11.92	10.97	10.30	9.907	9.685	9.581	9.554
142.0	14.54	13.93	13.03	12.05	11.20	10.58	10.17	9.973	9.866	9.824
144.0	14.42	13.85	13.05	12.17	11.42	10.85	10.46	10.25	10.14	10.09
146.0	14.30	13.78	13.06	12.33	11.65	11.11	10.74	10.52	10.40	10.35

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

148.0	14.16	13.71	13.12	12.50	11.87	11.36	11.01	10.79	10.67	10.62
150.0	14.08	13.72	13.20	12.67	12.11	11.62	11.28	11.07	10.95	10.89
152.0	14.05	13.77	13.33	12.87	12.35	11.88	11.55	11.36	11.23	11.15
154.0	14.07	13.84	13.50	13.07	12.57	12.14	11.82	11.63	11.53	11.45
156.0	14.14	13.96	13.68	13.27	12.82	12.40	12.10	11.94	11.84	11.75
158.0	14.24	14.11	13.87	13.49	13.08	12.66	12.40	12.27	12.17	12.07
160.0	14.38	14.28	14.08	13.73	13.33	12.95	12.73	12.61	12.50	12.39
162.0	14.57	14.51	14.32	13.97	13.60	13.26	13.05	12.95	12.82	12.69
164.0	14.75	14.74	14.55	14.24	13.87	13.56	13.37	13.27	13.14	13.00
166.0	14.97	15.00	14.81	14.48	14.15	13.86	13.69	13.58	13.44	13.31
168.0	15.21	15.24	15.06	14.74	14.43	14.16	13.99	13.90	13.75	13.63
170.0	15.47	15.49	15.32	14.97	14.70	14.46	14.30	14.20	14.05	13.93
172.0	15.75	15.76	15.55	15.21	14.98	14.75	14.60	14.50	14.37	14.26
174.0	16.04	16.04	15.73	15.43	15.23	15.03	14.89	14.80	14.68	14.60
176.0	16.31	16.23	15.89	15.66	15.48	15.29	15.17	15.10	14.99	14.92
178.0	16.47	16.32	16.02	15.85	15.68	15.54	15.44	15.39	15.30	15.25
180.0	16.55	16.34	16.12	15.98	15.85	15.74	15.65	15.63	15.54	15.52

G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
2.0	1689	1687	1686	1681	1679	1674	1670	1666	1659	1654
4.0	1718	1716	1710	1704	1698	1691	1680	1671	1661	1650
6.0	1750	1746	1739	1728	1718	1706	1693	1678	1663	1647
8.0	1780	1775	1766	1755	1740	1723	1706	1688	1666	1645
10.0	1813	1807	1796	1781	1765	1744	1723	1700	1674	1649
12.0	1845	1838	1827	1811	1791	1768	1739	1713	1682	1651
14.0	1877	1870	1857	1840	1821	1792	1762	1729	1693	1656
16.0	1909	1901	1889	1873	1852	1822	1787	1748	1707	1663
18.0	1937	1929	1920	1907	1885	1854	1815	1769	1722	1672
20.0	1961	1956	1950	1942	1921	1887	1846	1795	1739	1682
22.0	1978	1980	1978	1974	1959	1924	1878	1821	1760	1693
24.0	1992	1998	2001	2007	1997	1962	1913	1851	1780	1705
26.0	2000	2009	2022	2036	2035	2003	1951	1882	1802	1718
28.0	2002	2018	2039	2063	2072	2049	1990	1914	1824	1732
30.0	1992	2017	2049	2086	2109	2091	2031	1947	1848	1742
32.0	1970	2005	2051	2106	2143	2137	2078	1984	1873	1756
34.0	1940	1983	2045	2117	2176	2183	2128	2022	1898	1769
36.0	1899	1953	2026	2122	2203	2228	2180	2061	1925	1780
38.0	1848	1909	1999	2117	2224	2275	2237	2107	1952	1792
40.0	1785	1855	1961	2104	2239	2321	2295	2154	1979	1803
42.0	1709	1787	1908	2081	2247	2363	2357	2209	2006	1812
44.0	1624	1710	1841	2044	2249	2400	2426	2271	2038	1820
46.0	1530	1620	1765	1999	2240	2430	2495	2341	2070	1830
48.0	1430	1520	1676	1933	2225	2458	2559	2423	2111	1839
50.0	1330	1414	1575	1856	2202	2486	2626	2516	2160	1852
52.0	1224	1300	1461	1765	2168	2508	2695	2621	2217	1867
54.0	1108	1173	1329	1656	2120	2531	2760	2733	2286	1882
56.0	985.7	1041	1181	1529	2060	2552	2828	2850	2375	1901
58.0	860.4	907.2	1024	1369	1978	2571	2893	2957	2482	1920
60.0	737.5	775.8	867.8	1173	1871	2585	2958	3054	2610	1940
62.0	622.0	654.2	718.7	946.1	1726	2593	3014	3135	2752	1953
64.0	509.1	539.3	585.9	729.4	1524	2582	3049	3186	2876	1951
66.0	398.9	429.0	461.9	556.8	1219	2529	3048	3181	2930	1916
68.0	300.6	323.3	353.4	418.2	761.3	2343	2965	3082	2860	1826
70.0	222.4	248.4	255.9	305.1	430.4	2155	2764	2839	2650	1671
72.0	144.0	173.7	185.3	208.9	280.5	1651	2418	2416	2336	1466
74.0	112.0	121.2	135.0	145.9	182.5	911.4	1941	1991	1911	1223
76.0	80.05	87.98	101.6	106.9	125.8	349.7	1358	1356	1313	925.0
78.0	60.24	64.48	77.50	73.99	87.35	182.1	743.5	755.3	787.0	627.0
80.0	42.16	45.44	53.84	54.18	62.97	121.7	377.0	381.2	415.2	370.1
82.0	24.97	28.96	34.23	35.94	43.13	79.65	193.7	179.7	243.0	190.1
84.0	12.64	16.05	17.96	19.92	23.30	41.55	113.2	68.78	71.60	105.1
86.0	5.405	7.206	7.466	8.384	9.233	15.11	33.29	21.54	16.87	20.25
88.0	1.778	2.199	2.132	2.320	2.438	3.365	4.943	5.533	5.878	6.372
90.0	1.215	1.255	1.334	1.433	1.754	2.371	3.410	4.639	5.506	6.082
92.0	1.431	1.459	1.554	1.680	2.067	2.802	3.973	5.366	6.461	7.127
94.0	1.678	1.706	1.813	1.969	2.420	3.264	4.585	6.118	7.441	8.189
96.0	1.956	1.986	2.096	2.290	2.810	3.761	5.231	6.900	8.413	9.259
98.0	2.253	2.285	2.410	2.636	3.220	4.276	5.875	7.674	9.374	10.28
100.0	2.568	2.607	2.740	3.001	3.647	4.815	6.535	8.441	10.29	11.25
102.0	2.894	2.936	3.071	3.372	4.096	5.345	7.175	9.181	11.11	12.10
104.0	3.228	3.272	3.426	3.765	4.539	5.865	7.790	9.865	11.83	12.78
106.0	3.580	3.611	3.786	4.156	4.981	6.385	8.399	10.52	12.42	13.33
108.0	3.933	3.969	4.148	4.555	5.427	6.887	8.951	11.14	12.94	13.80
110.0	4.301	4.331	4.517	4.969	5.862	7.369	9.454	11.68	13.37	14.19

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:54.9-MIN:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

112.0	4.680	4.710	4.902	5.379	6.311	7.845	9.913	12.13	13.70	14.48
114.0	5.065	5.091	5.275	5.786	6.757	8.304	10.34	12.52	13.96	14.70
116.0	5.453	5.467	5.668	6.198	7.203	8.749	10.75	12.85	14.19	14.87
118.0	5.844	5.853	6.069	6.605	7.628	9.179	11.11	13.15	14.43	15.04
120.0	6.247	6.246	6.463	6.994	8.033	9.560	11.43	13.38	14.68	15.19
122.0	6.625	6.627	6.837	7.374	8.407	9.896	11.67	13.51	14.89	15.29
124.0	6.995	7.012	7.187	7.738	8.744	10.16	11.81	13.55	15.09	15.36
126.0	7.350	7.374	7.538	8.081	9.045	10.36	11.90	13.50	15.23	15.42
128.0	7.681	7.709	7.869	8.408	9.309	10.50	11.89	13.38	15.35	15.42
130.0	7.998	8.021	8.192	8.712	9.545	10.63	11.84	13.21	15.44	15.41
132.0	8.305	8.314	8.504	8.989	9.760	10.72	11.78	13.01	15.56	15.47
134.0	8.591	8.599	8.802	9.245	9.955	10.81	11.75	12.86	15.73	15.63
136.0	8.873	8.872	9.090	9.480	10.13	10.88	11.73	12.76	15.91	15.83
138.0	9.164	9.140	9.348	9.709	10.28	10.96	11.73	12.71	16.04	16.00
140.0	9.429	9.394	9.595	9.923	10.43	11.04	11.77	12.68	16.08	16.09
142.0	9.689	9.650	9.842	10.14	10.57	11.13	11.81	12.70	16.08	16.11
144.0	9.956	9.904	10.07	10.35	10.72	11.22	11.88	12.70	16.02	16.06
146.0	10.22	10.16	10.29	10.55	10.88	11.34	11.94	12.72	15.90	15.94
148.0	10.49	10.41	10.52	10.73	11.06	11.47	12.05	12.75	15.78	15.84
150.0	10.76	10.67	10.74	10.91	11.23	11.62	12.15	12.80	15.66	15.73
152.0	11.03	10.92	10.97	11.12	11.41	11.80	12.30	12.88	15.56	15.65
154.0	11.31	11.20	11.21	11.34	11.60	11.98	12.46	12.99	15.50	15.58
156.0	11.60	11.50	11.48	11.59	11.82	12.19	12.63	13.13	15.45	15.53
158.0	11.92	11.80	11.77	11.86	12.07	12.40	12.83	13.29	15.46	15.52
160.0	12.25	12.13	12.08	12.16	12.35	12.64	13.04	13.47	15.49	15.52
162.0	12.57	12.47	12.42	12.49	12.66	12.92	13.29	13.67	15.52	15.51
164.0	12.89	12.80	12.76	12.83	12.98	13.21	13.53	13.89	15.61	15.57
166.0	13.23	13.15	13.13	13.19	13.32	13.52	13.79	14.12	15.74	15.67
168.0	13.54	13.50	13.51	13.55	13.68	13.82	14.06	14.37	15.88	15.77
170.0	13.88	13.86	13.86	13.93	14.03	14.16	14.35	14.63	16.03	15.87
172.0	14.22	14.21	14.24	14.30	14.39	14.48	14.65	14.90	16.22	16.02
174.0	14.56	14.57	14.61	14.68	14.76	14.83	14.97	15.18	16.43	16.17
176.0	14.92	14.95	14.98	15.05	15.12	15.17	15.29	15.46	16.56	16.27
178.0	15.26	15.30	15.32	15.38	15.42	15.45	15.52	15.66	16.57	16.32
180.0	15.53	15.60	15.60	15.65	15.66	15.67	15.69	15.78	16.55	16.32

G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
2.0	1649	1645	1640	1636	1635	1635	1633	1631	1632	1635
4.0	1640	1631	1623	1616	1612	1610	1607	1604	1606	1610
6.0	1631	1619	1608	1596	1590	1584	1581	1580	1580	1585
8.0	1627	1610	1592	1576	1568	1562	1558	1556	1559	1564
10.0	1624	1600	1578	1560	1549	1539	1533	1531	1535	1543
12.0	1622	1591	1565	1543	1527	1516	1508	1506	1510	1520
14.0	1619	1584	1551	1524	1505	1493	1484	1483	1488	1498
16.0	1618	1579	1539	1507	1484	1471	1461	1459	1465	1477
18.0	1620	1570	1525	1488	1462	1448	1437	1434	1440	1453
20.0	1622	1561	1510	1469	1440	1422	1413	1410	1416	1429
22.0	1624	1554	1496	1449	1418	1398	1387	1385	1391	1406
24.0	1625	1546	1479	1429	1393	1373	1361	1360	1366	1380
26.0	1627	1537	1462	1406	1368	1347	1336	1334	1340	1355
28.0	1627	1526	1445	1380	1342	1321	1311	1310	1316	1330
30.0	1626	1514	1424	1355	1315	1294	1285	1283	1290	1305
32.0	1626	1500	1401	1327	1286	1266	1257	1257	1263	1276
34.0	1623	1483	1374	1297	1256	1238	1229	1228	1234	1248
36.0	1618	1465	1344	1265	1224	1208	1200	1199	1206	1217
38.0	1611	1443	1311	1230	1191	1175	1169	1168	1174	1185
40.0	1603	1417	1276	1194	1156	1142	1135	1136	1141	1150
42.0	1592	1386	1236	1155	1120	1107	1102	1101	1105	1115
44.0	1578	1351	1194	1115	1083	1071	1066	1066	1070	1078
46.0	1561	1312	1149	1072	1043	1035	1029	1030	1033	1039
48.0	1541	1269	1102	1028	1004	996.7	991.1	990.7	994.0	1001
50.0	1519	1221	1050	982.5	961.8	957.6	952.3	951.3	953.6	961.2
52.0	1496	1167	998.6	936.1	918.1	916.5	911.3	911.3	912.4	919.4
54.0	1468	1110	943.7	887.6	873.5	872.6	868.4	865.3	868.2	874.9
56.0	1436	1041	887.6	837.8	825.1	823.6	820.4	814.0	818.1	825.3
58.0	1400	979.7	830.6	785.3	773.3	770.4	768.1	760.4	765.7	770.3
60.0	1358	908.0	771.4	729.8	718.0	711.3	707.8	698.0	703.7	709.4
62.0	1311	834.6	708.9	671.6	657.1	643.9	637.7	628.4	633.0	638.4
64.0	1253	758.2	644.5	607.2	588.5	570.4	565.3	560.8	562.4	564.6
66.0	1183	681.7	577.1	536.6	512.5	499.6	499.1	496.9	496.7	495.0
68.0	1091	602.9	505.6	458.9	440.9	434.3	429.9	411.1	425.3	429.7
70.0	974.6	522.7	428.1	384.3	376.0	364.3	321.1	293.5	312.9	354.8
72.0	833.0	439.7	346.3	318.4	309.4	274.9	211.6	182.4	203.4	261.4
74.0	673.7	352.2	275.8	254.1	239.5	184.4	127.2	112.9	122.4	166.7

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

76.0	505.8	262.1	207.0	187.3	169.7	119.3	72.94	69.38	71.23	107.8
78.0	346.6	186.8	120.7	119.7	102.2	54.33	46.29	43.05	44.57	49.15
80.0	205.5	114.0	66.14	52.10	51.97	28.23	21.43	18.34	19.98	23.94
82.0	110.1	55.72	38.85	29.44	22.53	10.89	5.484	2.369	4.232	8.615
84.0	36.95	23.17	18.72	14.19	8.474	3.688	1.278	0.4013	0.9037	2.725
86.0	12.47	9.604	7.327	4.730	2.814	1.304	0.6198	0.4969	0.5450	1.052
88.0	5.864	4.561	3.149	1.748	0.9989	0.7312	0.6554	0.6438	0.6568	0.7295
90.0	5.650	4.491	3.035	1.746	1.016	0.8885	0.8394	0.8343	0.8436	0.9071
92.0	6.712	5.426	3.783	2.304	1.348	1.139	1.070	1.065	1.074	1.153
94.0	7.789	6.393	4.596	2.941	1.767	1.426	1.339	1.334	1.334	1.445
96.0	8.862	7.401	5.437	3.638	2.264	1.786	1.649	1.646	1.654	1.792
98.0	9.918	8.405	6.320	4.381	2.827	2.206	2.019	2.006	2.019	2.198
100.0	10.90	9.361	7.178	5.175	3.454	2.682	2.442	2.413	2.439	2.662
102.0	11.74	10.18	7.971	5.932	4.127	3.204	2.905	2.863	2.906	3.169
104.0	12.38	10.85	8.658	6.625	4.831	3.772	3.400	3.344	3.395	3.725
106.0	12.90	11.40	9.241	7.241	5.530	4.365	3.930	3.862	3.925	4.292
108.0	13.34	11.84	9.750	7.796	6.203	4.986	4.484	4.399	4.470	4.884
110.0	13.72	12.20	10.20	8.312	6.819	5.608	5.072	4.965	5.050	5.474
112.0	14.03	12.52	10.62	8.826	7.381	6.233	5.674	5.544	5.641	6.066
114.0	14.26	12.85	11.05	9.333	7.919	6.854	6.304	6.156	6.256	6.652
116.0	14.46	13.19	11.51	9.838	8.459	7.466	6.932	6.770	6.874	7.250
118.0	14.64	13.54	11.94	10.36	9.009	8.083	7.575	7.400	7.510	7.852
120.0	14.79	13.82	12.37	10.86	9.566	8.687	8.219	8.034	8.139	8.451
122.0	14.89	14.01	12.73	11.32	10.13	9.289	8.857	8.659	8.764	9.056
124.0	14.93	14.08	12.97	11.76	10.67	9.877	9.481	9.296	9.391	9.671
126.0	14.90	14.03	13.08	12.12	11.18	10.46	10.08	9.901	9.985	10.28
128.0	14.82	13.92	13.13	12.39	11.63	11.03	10.66	10.49	10.58	10.89
130.0	14.70	13.79	13.14	12.58	12.00	11.53	11.19	11.03	11.13	11.46
132.0	14.62	13.72	13.13	12.73	12.31	11.97	11.69	11.55	11.64	11.98
134.0	14.66	13.71	13.14	12.85	12.59	12.35	12.14	12.01	12.10	12.46
136.0	14.78	13.77	13.18	12.96	12.83	12.67	12.53	12.44	12.54	12.88
138.0	14.97	13.91	13.29	13.08	13.04	12.94	12.87	12.83	12.92	13.28
140.0	15.16	14.10	13.45	13.24	13.21	13.18	13.18	13.19	13.28	13.63
142.0	15.31	14.27	13.64	13.42	13.37	13.38	13.43	13.49	13.59	13.92
144.0	15.41	14.41	13.84	13.63	13.52	13.56	13.66	13.76	13.85	14.19
146.0	15.42	14.55	14.03	13.82	13.66	13.73	13.86	13.99	14.10	14.42
148.0	15.43	14.72	14.27	14.02	13.84	13.92	14.06	14.22	14.32	14.63
150.0	15.43	14.87	14.48	14.20	14.01	14.10	14.24	14.37	14.50	14.82
152.0	15.43	15.01	14.64	14.39	14.20	14.28	14.40	14.52	14.65	14.96
154.0	15.44	15.11	14.80	14.56	14.39	14.45	14.57	14.67	14.79	15.07
156.0	15.43	15.18	14.92	14.73	14.59	14.64	14.73	14.82	14.94	15.18
158.0	15.44	15.26	15.05	14.90	14.79	14.84	14.90	14.97	15.08	15.29
160.0	15.46	15.30	15.16	15.07	14.97	15.02	15.07	15.12	15.21	15.40
162.0	15.46	15.35	15.24	15.18	15.11	15.16	15.20	15.25	15.32	15.47
164.0	15.54	15.48	15.39	15.34	15.30	15.36	15.38	15.42	15.48	15.59
166.0	15.64	15.60	15.53	15.52	15.48	15.54	15.54	15.57	15.63	15.71
168.0	15.73	15.71	15.64	15.64	15.61	15.67	15.66	15.69	15.72	15.78
170.0	15.82	15.79	15.74	15.74	15.72	15.77	15.75	15.76	15.79	15.83
172.0	15.95	15.92	15.86	15.86	15.83	15.85	15.82	15.83	15.85	15.89
174.0	16.07	16.03	15.96	15.90	15.85	15.86	15.83	15.83	15.86	15.89
176.0	16.16	16.05	15.95	15.88	15.83	15.84	15.79	15.79	15.81	15.84
178.0	16.16	16.03	15.91	15.82	15.76	15.76	15.70	15.68	15.70	15.75
180.0	16.13	15.98	15.85	15.73	15.66	15.63	15.55	15.51	15.54	15.58

G/C	300.0	310.0	320.0	330.0	340.0	350.0
0.0	1660	1660	1660	1660	1660	1660
2.0	1636	1639	1643	1648	1651	1657
4.0	1614	1620	1628	1636	1644	1656
6.0	1593	1603	1613	1627	1640	1655
8.0	1573	1584	1601	1619	1636	1658
10.0	1555	1570	1590	1611	1634	1662
12.0	1534	1555	1579	1608	1635	1668
14.0	1515	1537	1567	1601	1636	1677
16.0	1496	1520	1555	1596	1639	1687
18.0	1473	1503	1543	1590	1642	1699
20.0	1453	1485	1531	1586	1647	1712
22.0	1431	1466	1517	1580	1650	1728
24.0	1406	1447	1502	1573	1654	1742
26.0	1381	1425	1485	1565	1657	1758
28.0	1356	1400	1467	1555	1659	1776
30.0	1329	1373	1445	1544	1663	1793
32.0	1301	1345	1423	1530	1664	1812
34.0	1271	1314	1395	1515	1664	1830
36.0	1238	1281	1363	1494	1663	1846
38.0	1204	1244	1327	1470	1659	1861

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L

Photometric Data Table [cd]

40.0	1170	1207	1290	1443	1652	1880
42.0	1133	1168	1249	1410	1642	1895
44.0	1093	1126	1206	1373	1631	1908
46.0	1053	1083	1161	1332	1618	1925
48.0	1012	1039	1113	1287	1601	1938
50.0	968.8	992.0	1061	1235	1581	1955
52.0	924.5	944.3	1007	1181	1557	1974
54.0	878.5	894.6	951.2	1122	1529	1996
56.0	830.1	843.7	895.4	1052	1496	2019
58.0	777.4	790.9	837.1	989.5	1459	2039
60.0	717.9	733.5	775.9	918.6	1415	2055
62.0	654.4	671.9	713.6	847.4	1363	2054
64.0	581.8	603.5	646.5	772.2	1294	2029
66.0	505.5	529.4	576.4	695.2	1209	1959
68.0	435.5	449.8	499.5	614.8	1101	1825
70.0	369.8	377.4	418.1	529.8	967.9	1631
72.0	302.4	311.0	337.3	439.1	809.2	1399
74.0	229.3	244.7	267.6	341.4	636.2	1134
76.0	156.2	174.1	189.9	248.3	463.4	832.5
78.0	88.88	109.9	104.5	171.0	303.9	539.4
80.0	42.17	45.65	59.89	109.2	173.1	309.4
82.0	17.50	24.93	33.98	47.38	89.30	155.4
84.0	6.707	11.75	15.56	19.87	28.73	61.20
86.0	2.258	3.765	6.274	8.432	11.10	16.15
88.0	0.9330	1.531	2.723	4.091	5.423	6.076
90.0	1.033	1.671	2.851	4.325	5.585	6.222
92.0	1.360	2.186	3.524	5.171	6.558	7.221
94.0	1.748	2.753	4.244	6.054	7.548	8.235
96.0	2.215	3.374	5.001	6.950	8.534	9.235
98.0	2.746	4.051	5.777	7.843	9.463	10.20
100.0	3.328	4.754	6.549	8.672	10.34	11.09
102.0	3.949	5.441	7.255	9.386	11.06	11.86
104.0	4.598	6.095	7.885	9.974	11.63	12.49
106.0	5.256	6.715	8.440	10.47	12.10	13.01
108.0	5.884	7.280	8.951	10.92	12.52	13.46
110.0	6.487	7.827	9.447	11.33	12.91	13.82
112.0	7.071	8.385	9.939	11.73	13.28	14.11
114.0	7.623	8.948	10.45	12.16	13.61	14.35
116.0	8.174	9.519	10.99	12.64	13.93	14.58
118.0	8.735	10.08	11.57	13.18	14.32	14.82
120.0	9.318	10.66	12.18	13.71	14.68	15.02
122.0	9.893	11.22	12.80	14.22	15.03	15.15
124.0	10.49	11.80	13.36	14.69	15.28	15.21
126.0	11.05	12.38	13.88	15.07	15.47	15.24
128.0	11.61	12.92	14.34	15.39	15.62	15.21
130.0	12.13	13.40	14.77	15.65	15.74	15.16
132.0	12.63	13.83	15.17	15.92	15.85	15.14
134.0	13.09	14.21	15.55	16.18	16.01	15.17
136.0	13.51	14.55	15.85	16.36	16.18	15.24
138.0	13.89	14.92	16.07	16.48	16.32	15.27
140.0	14.22	15.23	16.18	16.56	16.37	15.28
142.0	14.51	15.47	16.24	16.58	16.35	15.28
144.0	14.77	15.65	16.26	16.55	16.28	15.23
146.0	14.97	15.77	16.26	16.46	16.13	15.14
148.0	15.15	15.84	16.27	16.39	16.02	15.07
150.0	15.29	15.87	16.27	16.31	15.92	15.06
152.0	15.38	15.88	16.21	16.24	15.86	15.06
154.0	15.45	15.87	16.16	16.17	15.80	15.11
156.0	15.49	15.84	16.08	16.09	15.75	15.15
158.0	15.55	15.82	16.02	16.02	15.71	15.20
160.0	15.60	15.79	15.94	15.93	15.65	15.22
162.0	15.63	15.75	15.84	15.82	15.58	15.22
164.0	15.70	15.79	15.80	15.79	15.60	15.31
166.0	15.79	15.84	15.82	15.77	15.64	15.40
168.0	15.84	15.86	15.83	15.75	15.65	15.46
170.0	15.87	15.87	15.82	15.75	15.68	15.53
172.0	15.92	15.89	15.86	15.80	15.72	15.65
174.0	15.93	15.91	15.88	15.84	15.77	15.76
176.0	15.87	15.86	15.84	15.82	15.79	15.81
178.0	15.76	15.77	15.78	15.77	15.77	15.82
180.0	15.61	15.65	15.66	15.67	15.70	15.77

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:48.8%
Test Distance:7.080m [K=1.0000]
Remarks: ANEXO 25-0174-5-A VIALIT II 60W 48 LED DRIVER MOSO X6-060M052L