

TREPI



*Imágenes a título ilustrativo

LUMINARIA LED

BRAZO MÓVIL CON FOTOCÉLULA

50w

6.000 LM

Certificación
Seguridad Eléctrica



Luz **FRÍA**

LUMINARIA LED BRAZO MÓVIL | 50W

Luminaria led **MÓVIL 50W**. Ideal para áreas urbanas y espacios públicos como calles, avenidas, parques, plazas, etc. Proporciona una iluminación clara y uniforme, mejorando la visibilidad y seguridad para conductores y peatones.



Potencia **50W**

Tensión **100-265V**



Luz fría

6000K



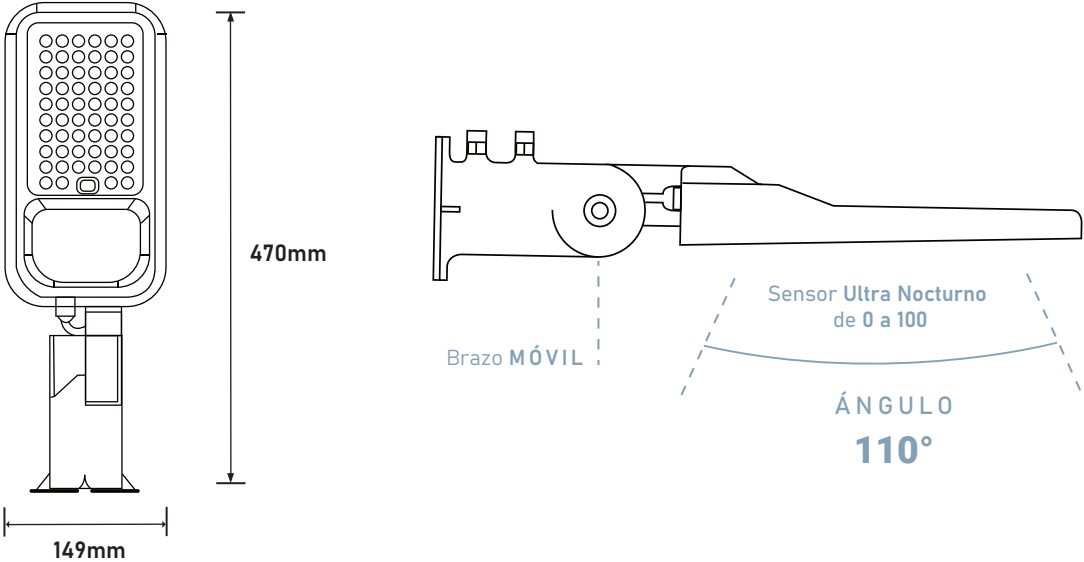
0,9 Factor de

Potencia

LM

6.000 LM

(120 LM/W)



ESPECIFICACIONES TÉCNICAS

MODELO	IM2103001	TEMPERATURA LUZ	Fría 6000K
POTENCIA	50W	FACTOR DE POTENCIA	0.9
LÚMENES POR WATT	120 LMxW	EFICIENCIA ENERGÉTICA	A+
FLUJO LUMINOSO	6.000 LM	TAMAÑO DE LÁMPARA	273x127mm
VOLTAJE	100-265V	PROTECCIÓN IP	IP65
FRECUENCIA	50 hz	FACTOR IK	IK06
ANGULO	110°	MATERIAL DEL CUERPO	Aluminio
CRI	>80	MATERIAL DEL LENTE	PC
VIDA ÚTIL	25.000 hs	TIPO DE CHIP	SMD2835 - 60 Chips
VIDA ÚTIL (ON/OFF)	25.000 maniobras	SECCIÓN DEL CABLE	3x0,75
TEMPERATURA DE TRABAJO	-25°c +40°c	MEDIDA DEL CABLE	32cm
TAMAÑO DE LUMINARIA	470X149X105mm	BRAZO	Móvil/ajustable
ORIFICIO P/ CAÑO	65mm máximo	MEDIDA DEL BRAZO	175mm
PESO DE LUMINARIA	0,964Kg	GARANTÍA	2 años

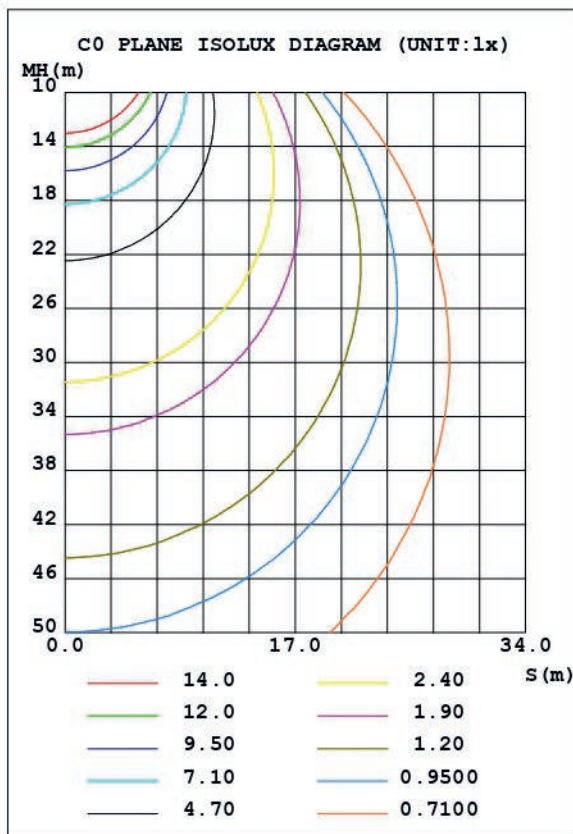
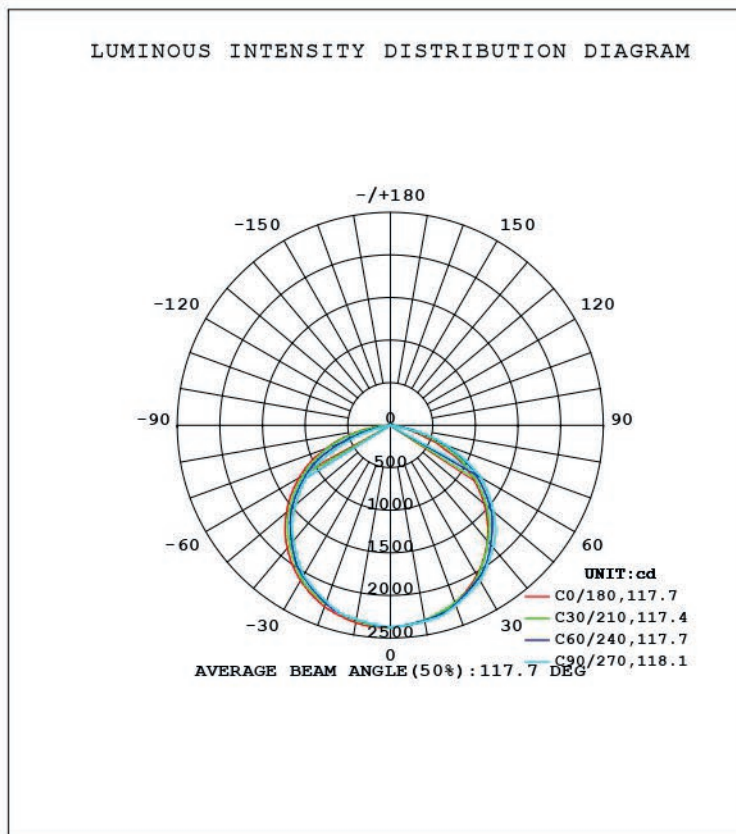
PRECAUCIONES

- A. La instalación de la luminaria debe ser realizada por personal técnico calificado.
- B. Trabaje solo bajo condiciones seguras (con el módulo y herramientas adecuadas).
- C. No reemplazar o remover luminarias sin antes realizar la desconexión de la alimentación.
- D. La luminaria no debe ser utilizada sin todas las cubiertas colocadas en su correcta posición.
- E. No conecte esta luminaria mientras está en su embalaje.

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.32 lm/W			
MODEL		Imax(cd)	2377	S/MH (C0/180)	1.32
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	230	TOTAL FLUX(lm)	6906.5	η UP,DN (C0-180)	0.0,51.4
NOMINAL FLUX(lm)	6906.47	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,48.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 21 July 2023

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	2362	2352	2355	2361	2373	2353	2344	2343	0- 5	56.46	56.46	0.82,0.82
10	2329	2322	2337	2340	2353	2324	2315	2306	5- 10	167.4	223.9	3.24,3.24
15	2283	2283	2320	2309	2315	2285	2286	2259	10- 15	273.8	497.6	7.21,7.21
20	2219	2238	2250	2272	2265	2238	2203	2204	15- 20	372.5	870.2	12.6,12.6
25	2135	2150	2180	2197	2193	2156	2120	2110	20- 25	459.3	1330	19.3,19.3
30	2029	2051	2110	2107	2107	2056	2037	2002	25- 30	533.0	1862	27,27
35	1914	1944	1990	2009	2005	1951	1905	1884	30- 35	590.7	2453	35.5,35.5
40	1771	1819	1871	1901	1883	1834	1772	1758	35- 40	628.7	3082	44.6,44.6
45	1613	1659	1752	1754	1746	1680	1640	1586	40- 45	647.3	3729	54,54
50	1437	1496	1578	1604	1591	1524	1455	1413	45- 50	645.0	4374	63.3,63.3
55	1246	1327	1404	1451	1424	1361	1271	1233	50- 55	618.7	4993	72.3,72.3
60	1037	1116	1231	1256	1241	1161	1086	1014	55- 60	571.7	5565	80.6,80.6
65	765.0	905.9	971.7	1063	1043	959.4	791.9	796.2	60- 65	500.7	6065	87.8,87.8
70	530.6	667.1	712.6	835.7	804.0	725.6	497.6	543.9	65- 70	397.2	6462	93.6,93.6
75	254.4	390.6	453.5	567.0	575.3	451.6	203.4	257.8	70- 75	274.3	6737	97.5,97.5
80	62.14	126.2	0	271.1	325.0	173.2	0	20.50	75- 80	139.1	6876	99.6,99.6
85	4.195	0	0	0	10.74	0	0	0	80- 85	29.35	6905	100,100
90	4.159	0	0	0	3.664	0	0	0	85- 90	1.280	6906	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

Conical surface Flux(90deg): 3729.2 lm

%lum = 54.0%
%lamp = 54.0%

Conical surface Flux(120deg): 5564.5 lm

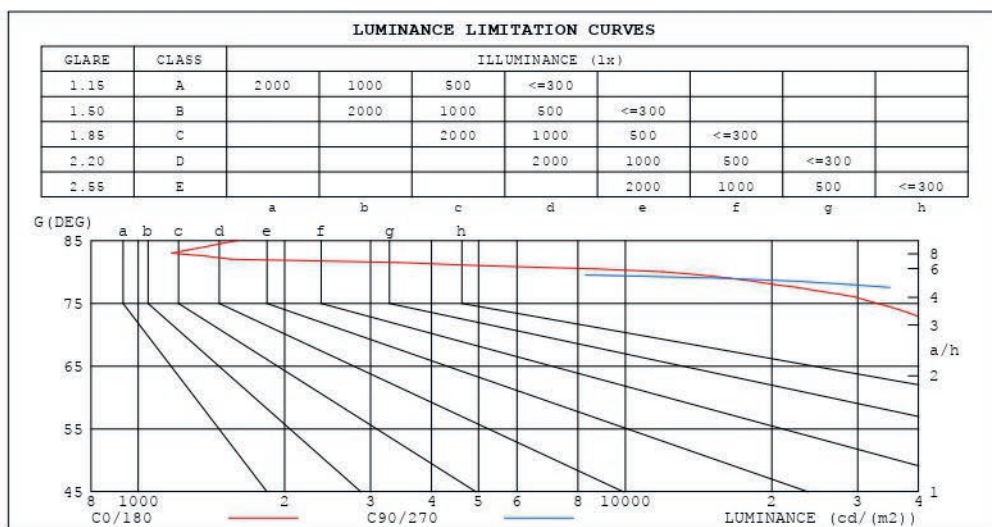
%lum = 80.6%
%lamp = 80.6%

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1604	0
80	11928	0
75	32763	58403
70	51713	69447
65	60337	76638
60	69145	82050
55	72387	81613
50	74508	81828
45	76055	82568

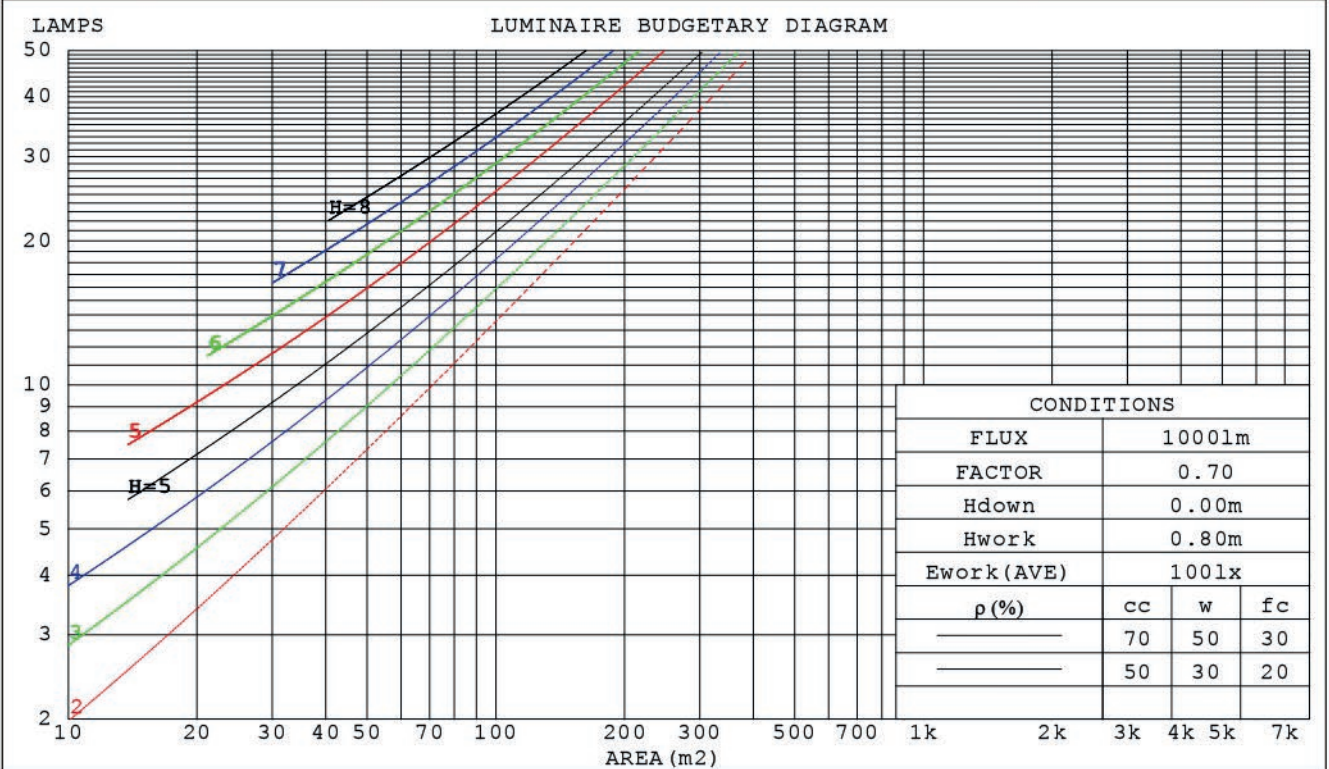
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 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.90	.91	.89	.87	.85
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.48	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:21 July 2023

γ Range: 0 - 90DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350

Humidity:55.0%

Test Distance:8.852m [K=1.0000]

Remarks:

WEC AND CCEC

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.293	.167	.053	.286	.163	.052	.273	.156	.050	.261	.150	.048	.249	.145	.047		
2.0	.283	.155	.048	.277	.153	.047	.265	.148	.046	.255	.143	.045	.245	.138	.044		
3.0	.265	.141	.042	.260	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040		
4.0	.246	.128	.038	.242	.126	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036		
5.0	.229	.117	.034	.225	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.094	.027	.177	.092	.027		
8.0	.185	.091	.025	.182	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.078	.022	.161	.078	.022	.156	.077	.022	.152	.076	.021	.148	.074	.021		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.140	.099	.065	.096	.068	.046	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:21 July 2023

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm										
NAME: LUMINARIA LED BRAZO MÓVIL 50W					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: 01.SHIER/SHISan					SUR.:			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	27.8	29.3	28.0	29.5	29.7	28.4	29.9	28.7	30.1	30.3
3H	28.9	30.3	29.2	30.5	30.8	29.9	31.3	30.2	31.5	31.7
4H	29.1	30.5	29.4	30.7	31.0	30.4	31.7	30.7	31.9	32.2
6H	29.1	30.4	29.5	30.6	30.9	30.4	31.6	30.7	31.9	32.2
8H	29.1	30.3	29.4	30.6	30.9	30.3	31.5	30.7	31.8	32.1
12H	29.0	30.2	29.4	30.5	30.8	30.3	31.4	30.6	31.7	32.0
4H 2H	28.5	29.8	28.8	30.0	30.3	29.0	30.3	29.3	30.5	30.8
3H	29.8	30.9	30.1	31.2	31.5	30.6	31.7	30.9	32.0	32.3
4H	30.1	31.1	30.5	31.4	31.8	31.1	32.2	31.5	32.5	32.9
6H	30.1	31.1	30.5	31.4	31.8	31.2	32.1	31.6	32.5	32.9
8H	30.1	31.0	30.5	31.3	31.7	31.2	32.0	31.6	32.4	32.8
12H	30.1	30.8	30.5	31.2	31.6	31.1	31.9	31.5	32.3	32.7
8H 4H	30.3	31.2	30.7	31.5	31.9	31.3	32.1	31.7	32.5	32.9
6H	30.4	31.1	30.9	31.5	32.0	31.4	32.1	31.8	32.5	32.9
8H	30.4	31.0	30.9	31.4	31.9	31.3	31.9	31.8	32.4	32.8
12H	30.4	30.9	30.8	31.3	31.8	31.3	31.8	31.8	32.3	32.7
12H 4H	30.3	31.0	30.7	31.4	31.8	31.2	32.0	31.7	32.4	32.8
6H	30.4	31.0	30.9	31.4	31.9	31.3	32.0	31.8	32.4	32.8
8H	30.4	30.9	30.9	31.4	31.8	31.3	31.8	31.8	32.3	32.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 6906 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.7)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
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 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
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 Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
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MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

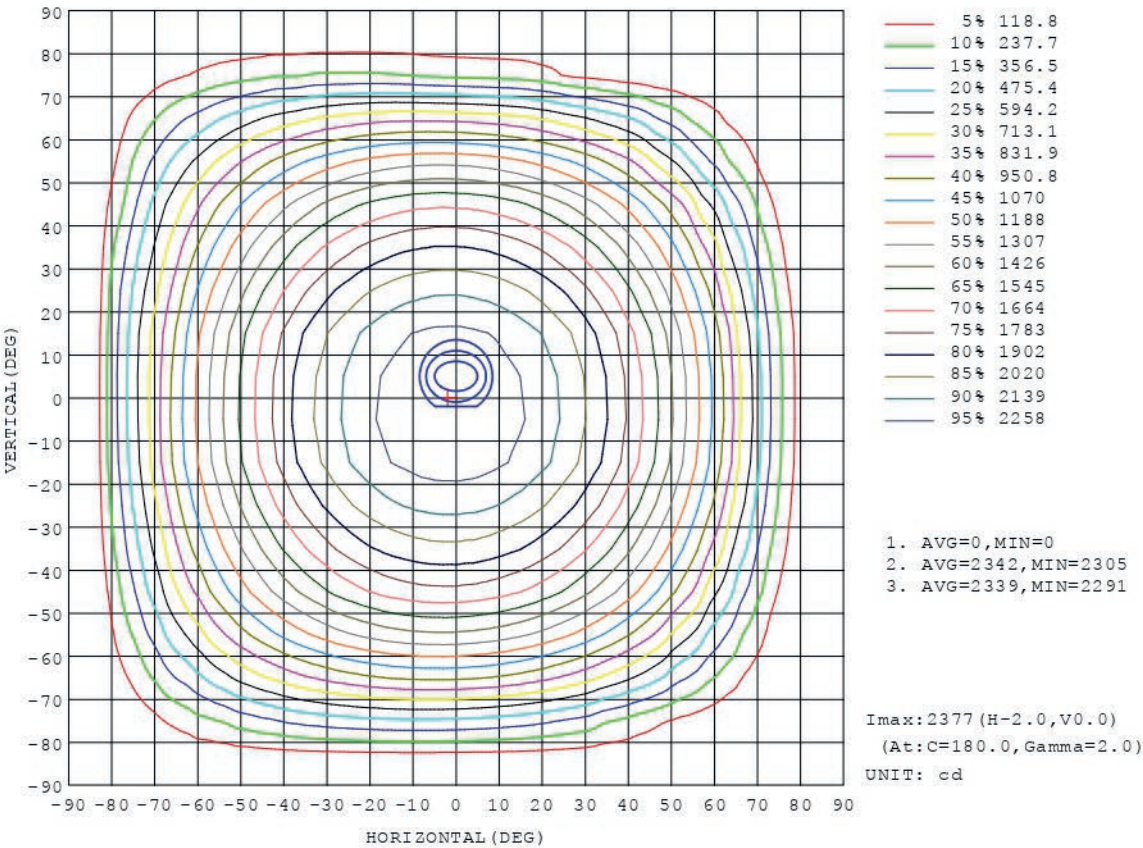
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	68	56	49	67	56	48	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	89	79	72	87	78	71	84	76	70	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	100	92	86	98	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
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SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

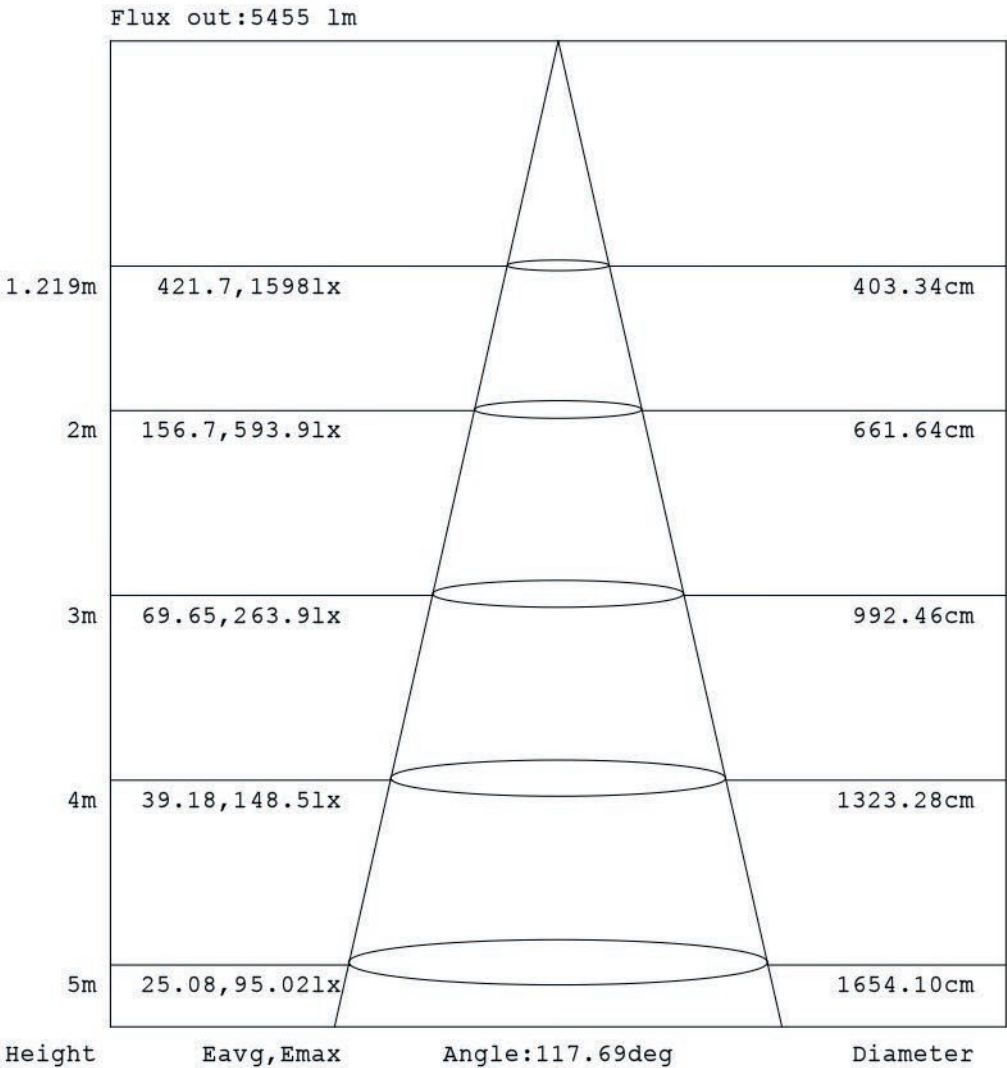


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

AAI Figure

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

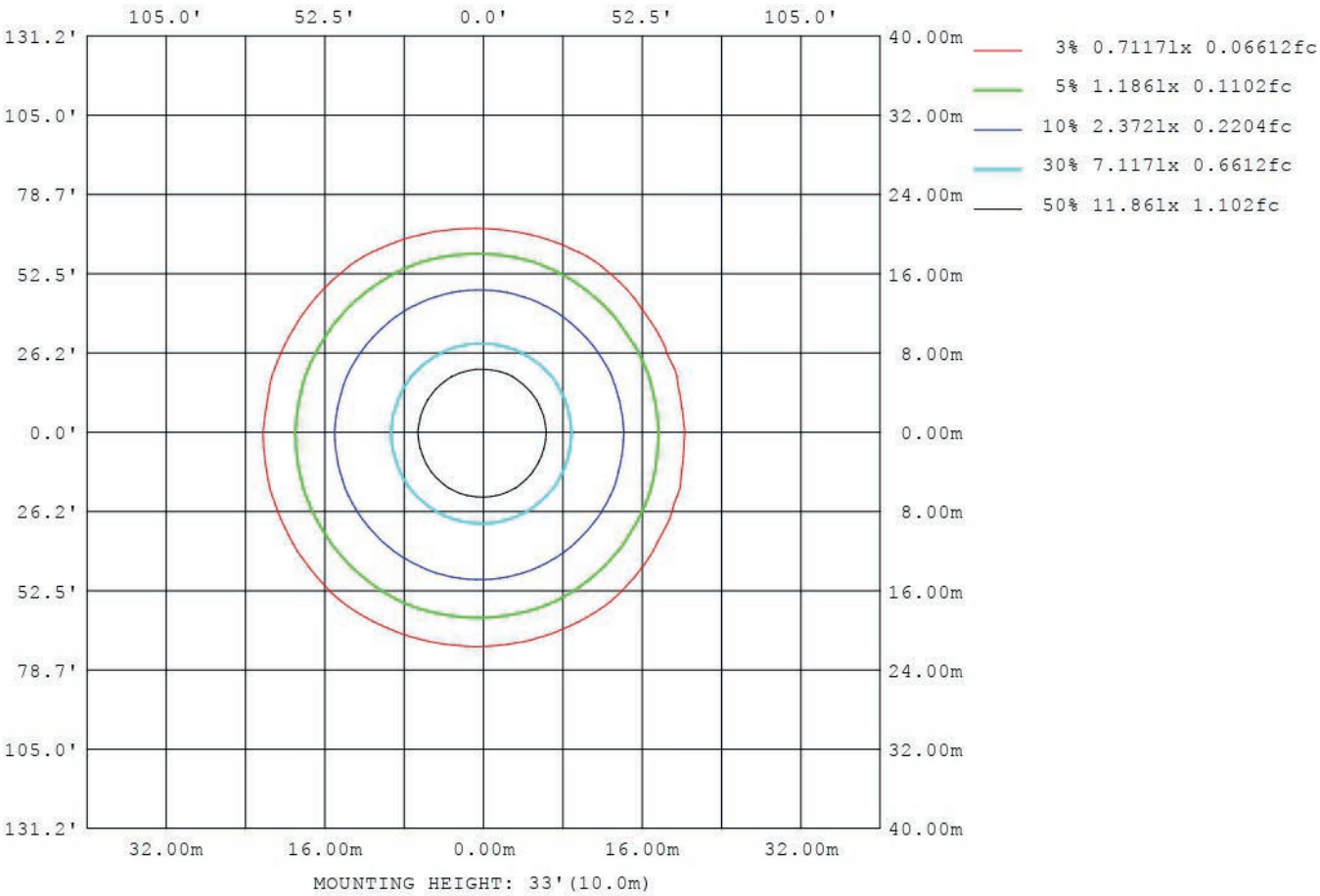


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 5.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Temperature:25.3DEG	Humidity:55.0%
Operators:	Test Distance:8.852m [K=1.0000]
Test Date:21 July 2023	Remarks:

ISOLUX DIAGRAM

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

AvgL	cd/m2
L 0~180 (65) av	71301
L 0~180 (75) av	53429
L 0~180 (85) av	2856
L 90~270 (65) av	69547
L 90~270 (75) av	42298
L 90~270 (85) av	0
L 45 (65) av	73439
L 45 (75) av	53673
L 45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

UNIT: cd

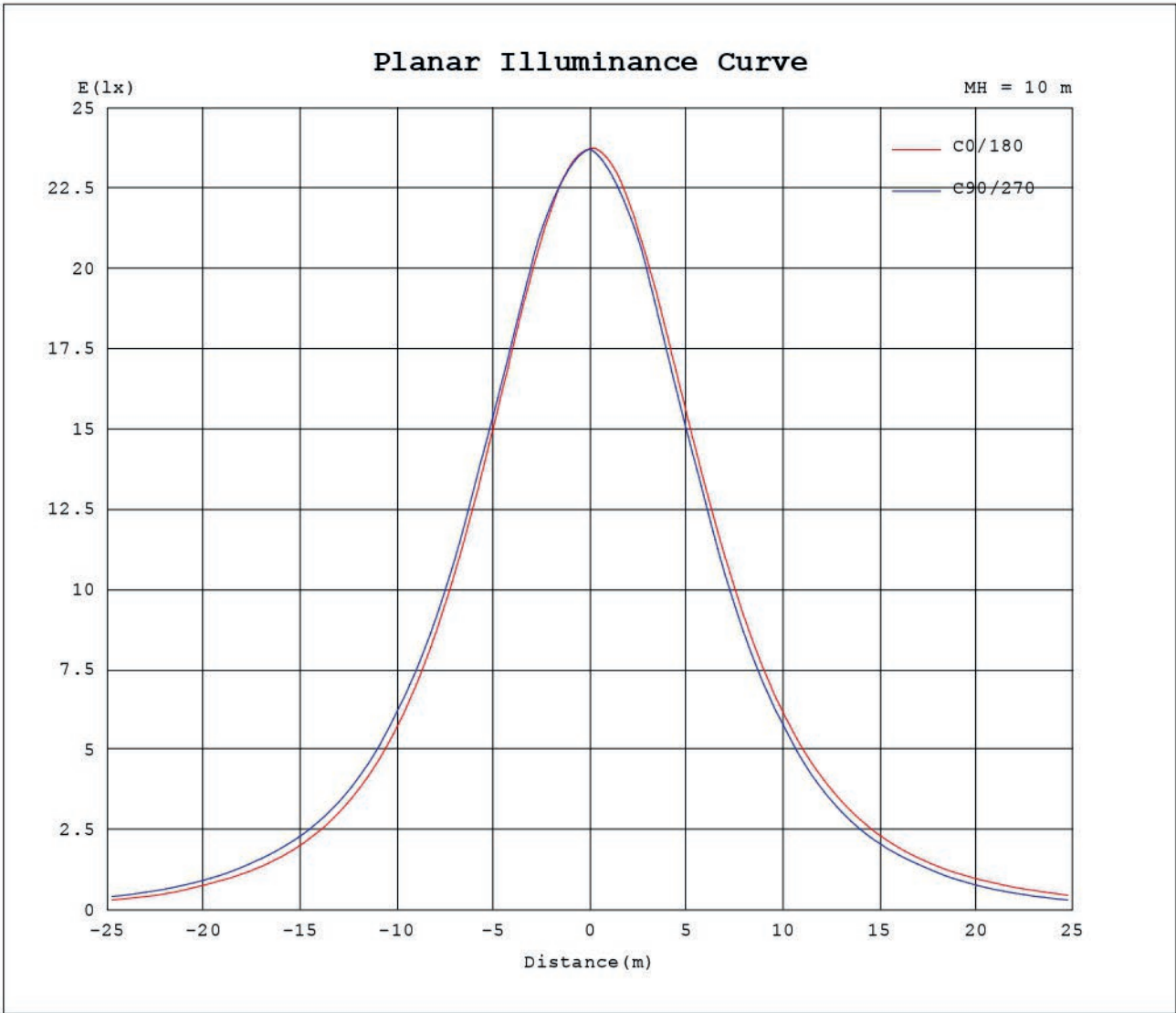
[illegible]

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--2

UNIT: cd

[illegible]

```
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023
```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--3

UNIT: cd

[illegible]

```
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023
```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.3V I:0.2296A P:48.19W PF:0.9153 Lamp Flux:6906.47x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--4

UNIT: cd

[illegible]

```
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023
```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:55.0%
Test Distance:8.852m [K=1.0000]
Remarks:

```