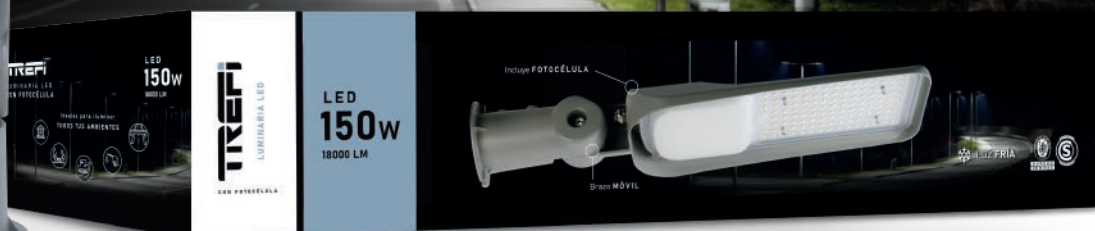


TREPI



*Imágenes a título ilustrativo

LUMINARIA LED

BRAZO MÓVIL CON FOTOCÉLULA

150w

18.000 LM

Certificación
Seguridad Eléctrica



Luz **FRÍA**

LUMINARIA LED BRAZO MÓVIL | 150 W

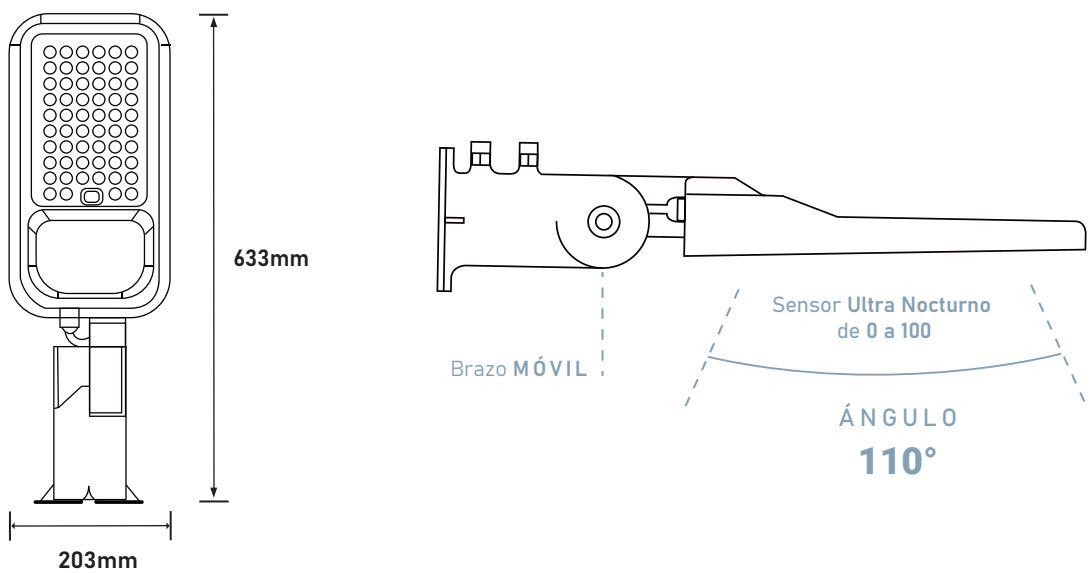
Luminaria led **MÓVIL 150W**. Ideal para áreas urbanas y espacios públicos como calles, avenidas, parques, plazas, etc. Proporciona una iluminación clara y uniforme, mejorando la visibilidad y seguridad para conductores y peatones.

 **Potencia 150W**
Tensión 100-265V

 **Luz fría 6000K**

 **0,9 Factor de Potencia**

LM 18.000 LM
(120 LM/W)



ESPECIFICACIONES TÉCNICAS

MODELO	IM2103003	TEMPERATURA LUZ	Fría 6000K
POTENCIA	150W	FACTOR DE POTENCIA	0.9
LÚMENES POR WATT	120 LMxW	EFICIENCIA ENERGÉTICA	A+
FLUJO LUMINOSO	18.000 LM	TAMAÑO DE LÁMPARA	425x180mm
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 - 184 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	633x203x105mm	BRAZO	Móvil/ajustable
ORIFICIO P/ CAÑO	65mm máximo	MEDIDA DEL BRAZO	175 mm
PESO DE LUMINARIA	1,851Kg	GARANTÍA	2 años

PRECAUCIONES

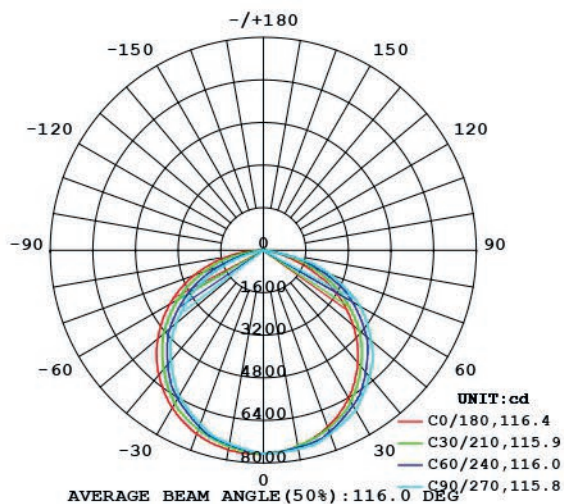
- A. La instalación de la luminaria debe ser realizada por personal técnico calificado.
- B. Trabaje solo bajo condiciones seguras (con el módulo y herramientas adecuadas).
- C. No reemplazar o remover luminarias sin antes realizar la desconexión de la alimentación.
- D. La luminaria no debe ser utilizada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

LUMINAIRE PHOTOMETRIC TEST REPORT

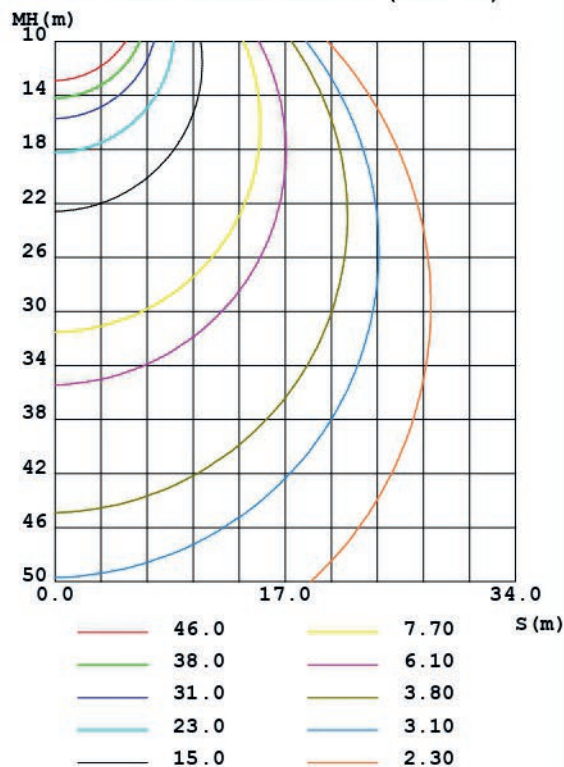
Test:U:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.14 lm/W			
MODEL		Imax(cd)	7676	S/MH(C0/180)	1.33
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	22104	η UP,DN(C0-180)	0.0,53.4
NOMINAL FLUX(lm)	22104.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,46.6
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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	7592	7591	7620	7645	7664	7574	7520	7519	0- 5	182.1	182.1	0.82,0.82
10	7479	7504	7585	7598	7618	7455	7384	7356	5- 10	539.2	721.3	3.26,3.26
15	7300	7381	7550	7527	7506	7312	7248	7167	10- 15	881.0	1602	7.25,7.25
20	7061	7238	7344	7432	7340	7153	6944	6947	15- 20	1197	2799	12.7,12.7
25	6771	6949	7138	7197	7116	6850	6640	6591	20- 25	1474	4273	19.3,19.3
30	6407	6630	6932	6931	6833	6509	6336	6199	25- 30	1706	5979	27.1,27.1
35	5991	6280	6559	6636	6504	6156	5868	5784	30- 35	1887	7867	35.6,35.6
40	5519	5894	6187	6311	6109	5761	5400	5335	35- 40	2003	9870	44.7,44.7
45	4990	5374	5815	5854	5674	5240	4933	4753	40- 45	2057	11927	54,54
50	4406	4839	5280	5388	5180	4718	4272	4163	45- 50	2043	13970	63.2,63.2
55	3781	4300	4745	4915	4644	4180	3611	3566	50- 55	1951	15921	72,72
60	3113	3632	4210	4303	4062	3498	2950	2789	55- 60	1793	17714	80.1,80.1
65	2298	2964	3437	3697	3443	2820	2172	2023	60- 65	1565	19279	87.2,87.2
70	1562	2225	2664	3013	2782	2101	1394	1299	65- 70	1262	20540	92.9,92.9
75	824.2	1389	1891	2232	2059	1328	616.2	629.2	70- 75	911.7	21452	97,97
80	243.0	558.8	0	1263	1343	538.9	0	88.89	75- 80	506.2	21958	99.3,99.3
85	13.20	0	0	0	570.2	0	0	0	80- 85	133.5	22092	99.9,99.9
90	13.80	0	0	0	11.45	0	0	0	85- 90	12.87	22104	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): 11927 lm

%lum = 54.0%
%lamp = 54.0%

Conical surface Flux(120deg): 17714 lm

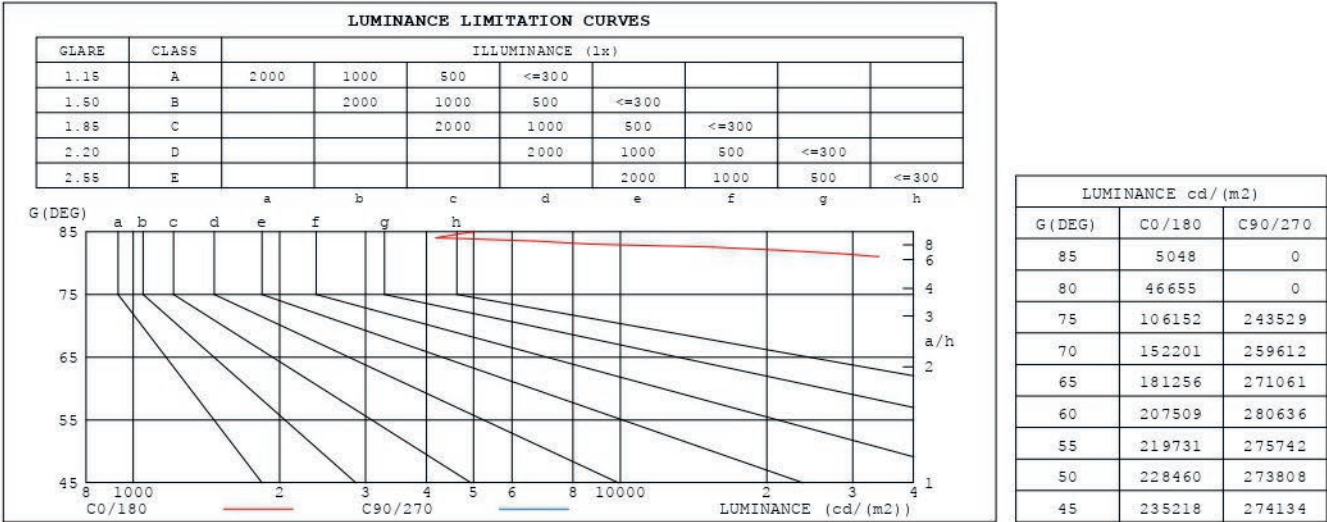
%lum = 80.1%
%lamp = 80.1%

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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



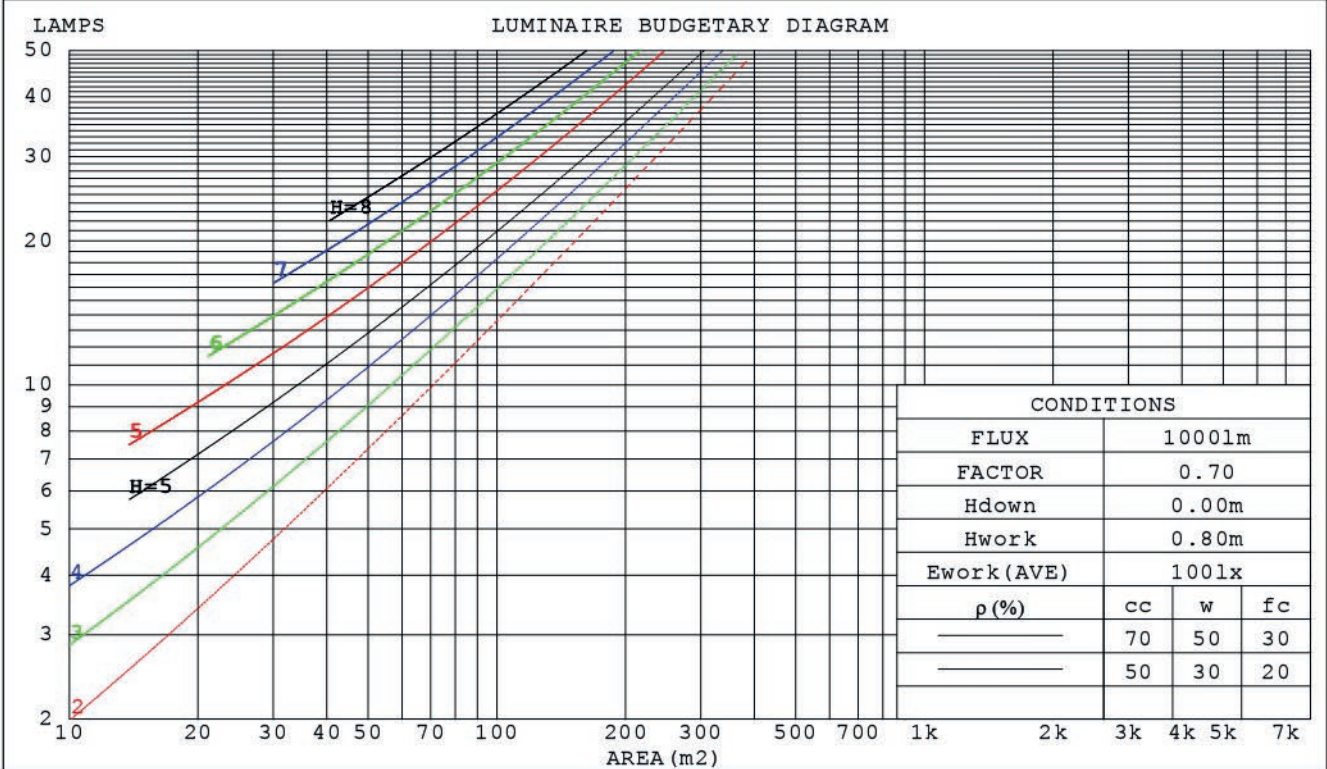
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	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	1.00	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.91	.89	.87	.85
2.0	.91	.84	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.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	.43	.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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.296	.169	.053	.289	.165	.052	.276	.158	.051	.264	.152	.049	.253	.147	.047	
2.0	.285	.156	.048	.279	.154	.047	.267	.149	.046	.257	.144	.045	.247	.139	.044	
3.0	.266	.142	.042	.261	.140	.042	.251	.136	.041	.241	.132	.041	.232	.129	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.030	
7.0	.198	.098	.028	.195	.097	.028	.189	.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	.075	.021	.148	.074	.021	

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						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	.135	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.140	.099	.065	.096	.068	.045	.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	.070	.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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm											
NAME: LUMINARIA LED BRAZO MÓVIL 150W						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		31.7	33.2	31.9	33.4	33.6	32.8	34.3	33.0	34.5	34.7
3H		32.8	34.2	33.1	34.4	34.6	34.4	35.8	34.7	36.1	36.3
4H		33.0	34.3	33.3	34.6	34.9	35.1	36.4	35.4	36.7	36.9
6H		33.0	34.3	33.4	34.6	34.8	35.2	36.4	35.5	36.7	37.0
8H		33.0	34.2	33.3	34.5	34.8	35.1	36.3	35.4	36.6	36.9
12H		32.9	34.1	33.3	34.4	34.7	35.0	36.2	35.4	36.5	36.8
4H 2H		32.4	33.8	32.7	34.0	34.3	33.3	34.6	33.6	34.9	35.1
3H		33.7	34.9	34.1	35.2	35.5	35.1	36.3	35.5	36.6	36.9
4H		34.1	35.1	34.4	35.5	35.8	35.9	36.9	36.2	37.2	37.6
6H		34.2	35.1	34.6	35.5	35.8	36.0	36.9	36.4	37.3	37.6
8H		34.1	35.0	34.5	35.4	35.8	35.9	36.8	36.3	37.2	37.5
12H		34.1	34.9	34.5	35.3	35.7	35.9	36.7	36.3	37.1	37.5
8H 4H		34.4	35.2	34.8	35.6	36.0	36.0	36.9	36.4	37.2	37.6
6H		34.6	35.3	35.0	35.7	36.1	36.1	36.9	36.6	37.3	37.7
8H		34.5	35.2	35.0	35.6	36.1	36.1	36.7	36.6	37.2	37.6
12H		34.5	35.1	35.0	35.5	36.0	36.1	36.6	36.5	37.1	37.5
12H 4H		34.4	35.2	34.8	35.5	35.9	36.0	36.8	36.4	37.1	37.5
6H		34.5	35.2	35.0	35.6	36.1	36.1	36.8	36.6	37.2	37.6
8H		34.5	35.1	35.0	35.5	36.0	36.1	36.6	36.6	37.1	37.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H		+ 0.3 / - 0.5					+ 0.1 / - 0.2				
2.0H		+ 0.3 / - 0.5					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 22104 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.8)

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:

UTILIZATION FACTORS TABLE

Test:U:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

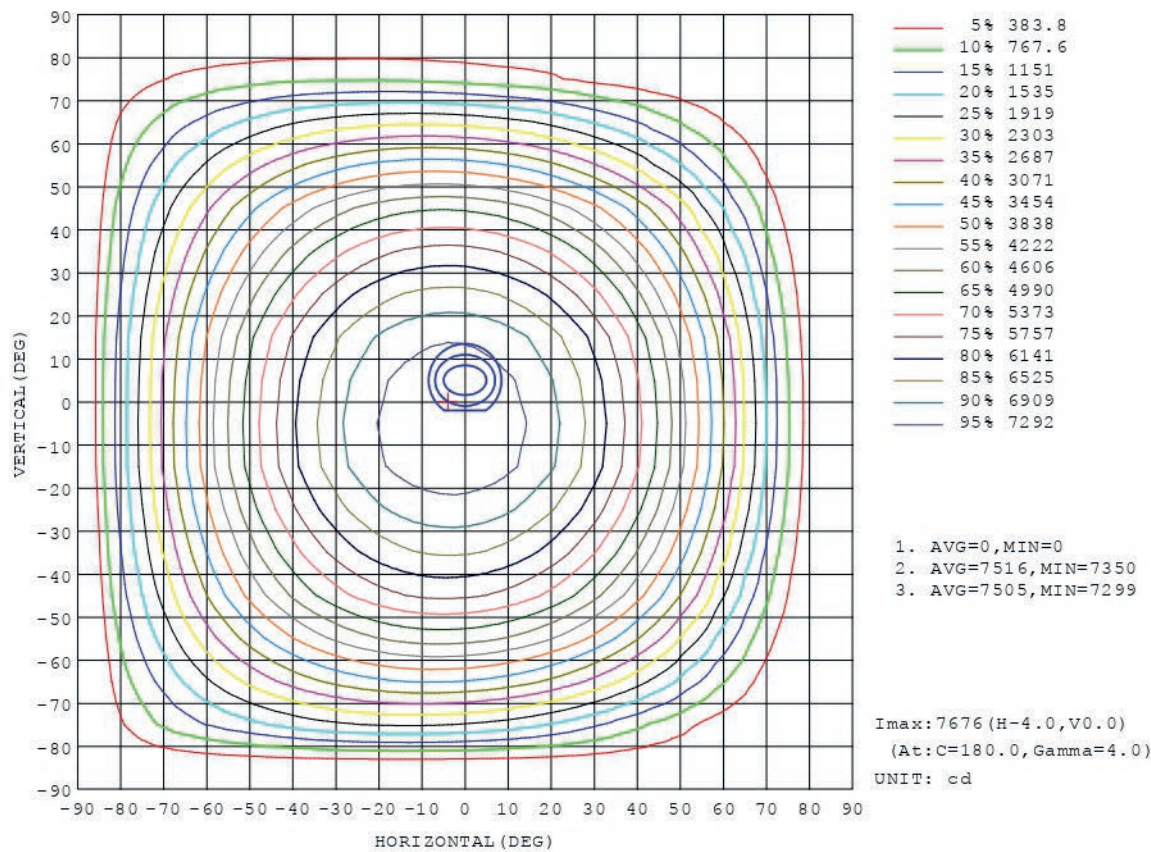
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	56	49	67	56	48	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	57
1.50	89	79	72	87	78	71	84	76	70	63
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	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		

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:

ISOCANDELA DIAGRAM

Test:U:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

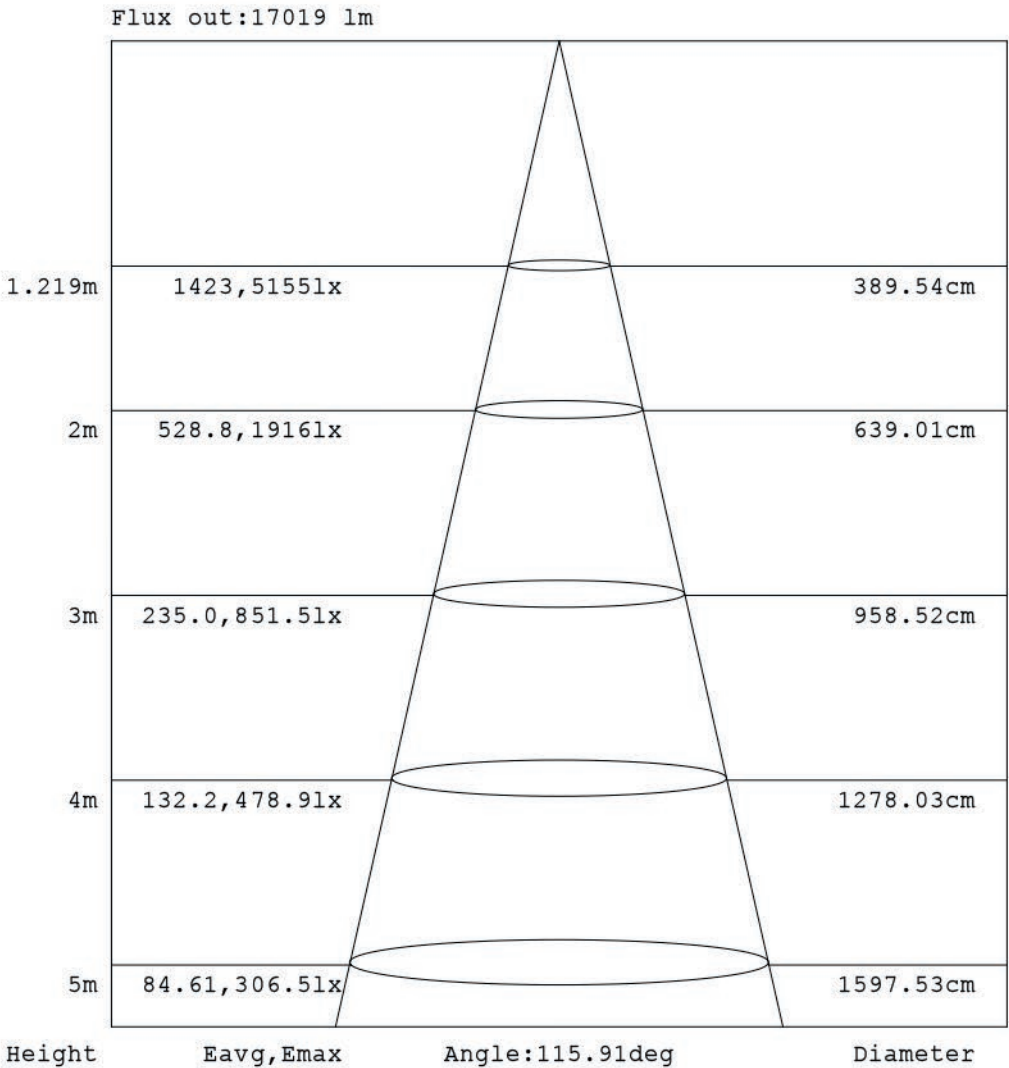


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:21 July 2023

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:

AAI Figure

Test:U:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:



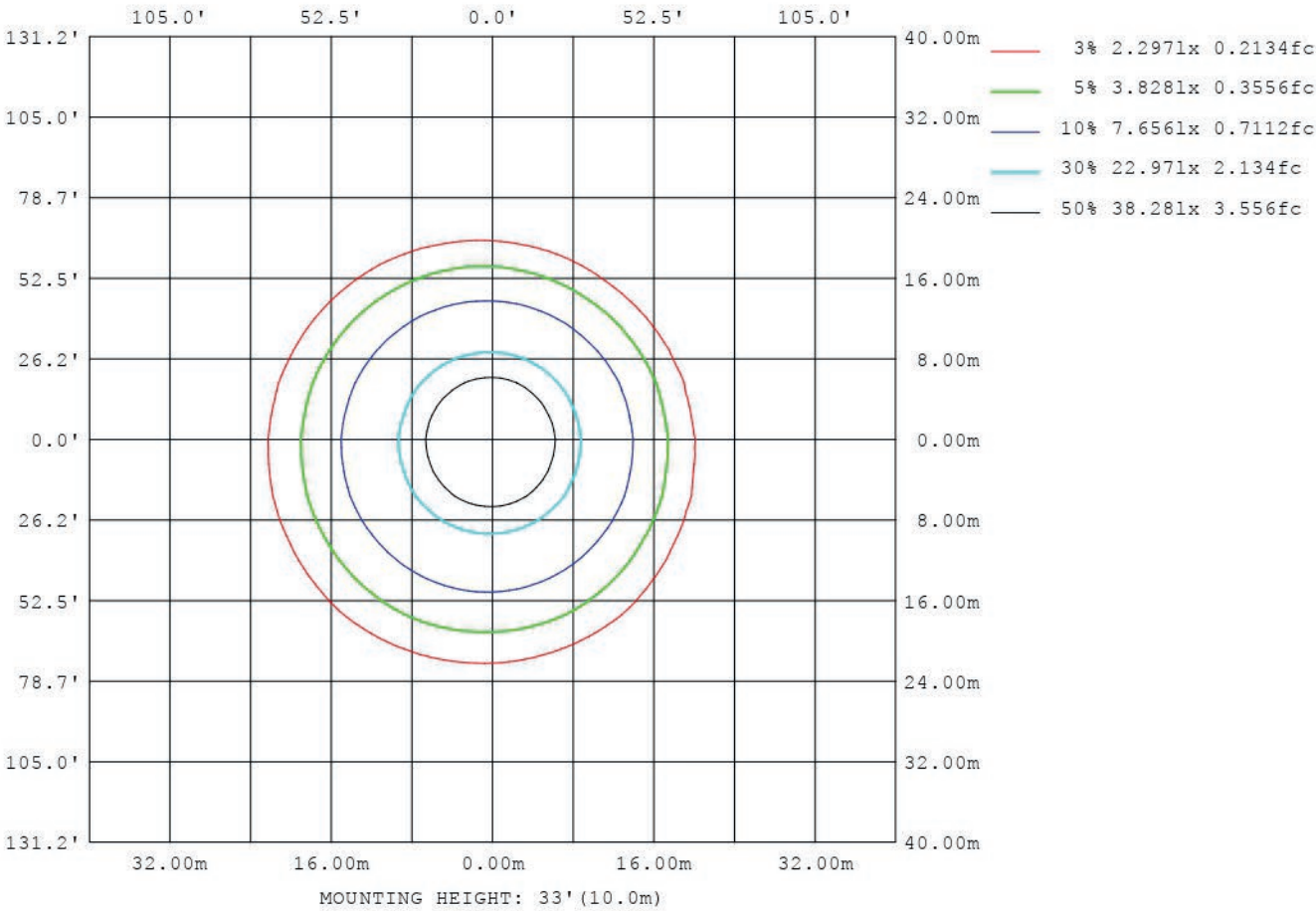
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
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:

ISOLUX DIAGRAM

Test:U:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

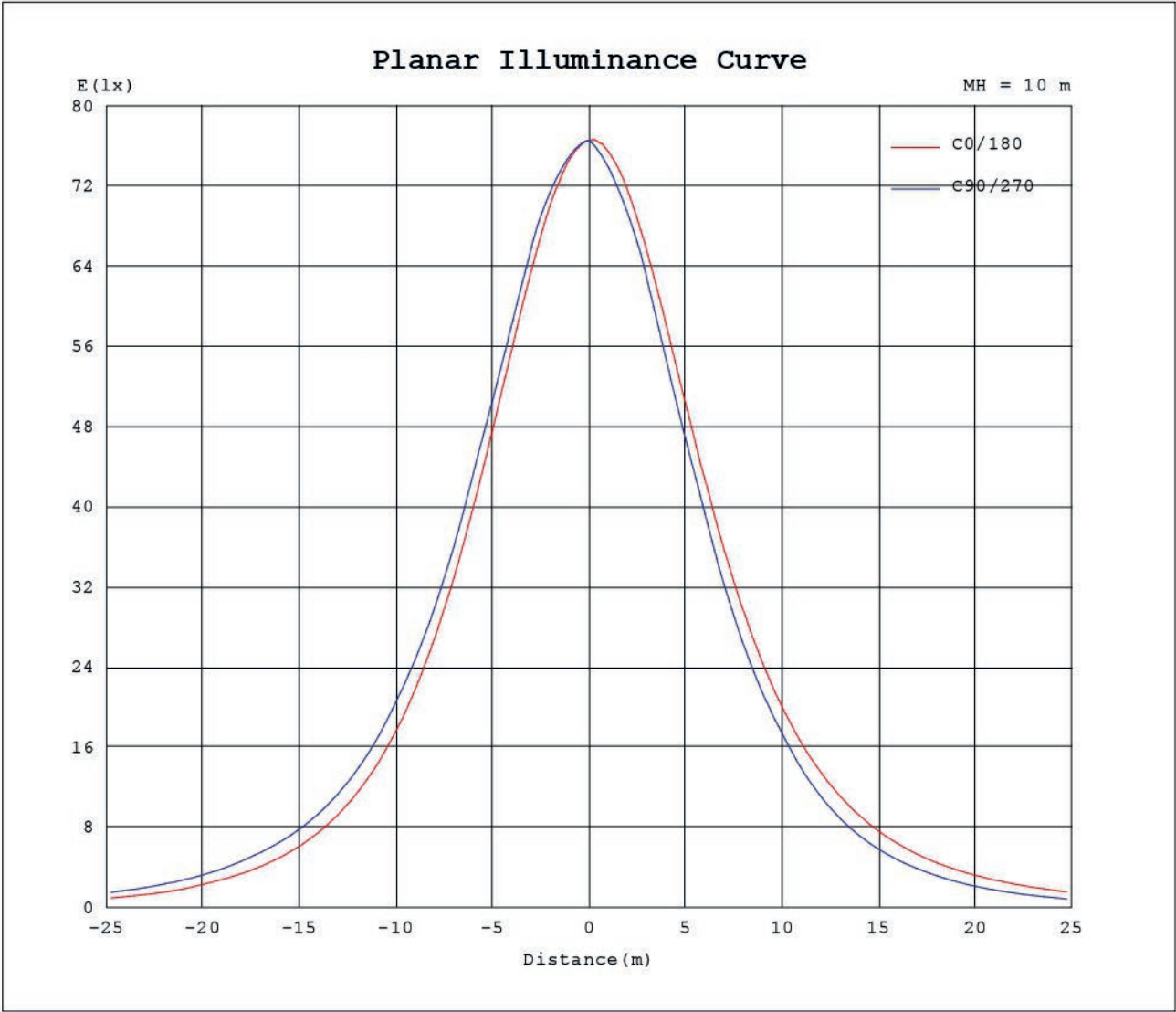
AvgL	cd/m2
L 0~180 (65) av	226389
L 0~180 (75) av	185682
L 0~180 (85) av	111556
L 90~270 (65) av	221179
L 90~270 (75) av	161443
L 90~270 (85) av	0
L 45 (65) av	226852
L 45 (75) av	179609
L 45 (85) av	0

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:

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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: 01.SHIER/SHISan	SUR.:	Shielding Angle:

Table--1

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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	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:229.2V I:0.6751A P:148.2W PF:0.9579 Lamp Flux:22104.5x1 lm		
NAME: LUMINARIA LED BRAZO MÓVIL 150W	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:

```