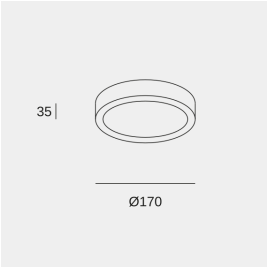
Installation Instructions
Photometry

Easy Round Surface Ø170mm

LedsC4 Team

TC-0160-BLA

Surface-mounted ceiling light Easy Round Surface Ø170mm IP23 LED 10W 3000K ON-OFF White 874lm



TECHNICAL FEATURES

IP23

Luminaire total power : 12.2W

Real lumens : 874

Nominal lumens : 1150

Real lm/W : 72

Lens / reflector angle : HORIZONTAL 112º

Structure material : Aluminium

Structure finish : White

Diffuser material : Acrylic

Diffuser finish : Opal

Voltage / frequency : 100-240V ~ 50/60Hz

Dimming protocol : ON-OFF

Power Factor : 0.90

Useful life : 36.000h L70B30

Warranty : 5 Years

Easily recyclable luminaire

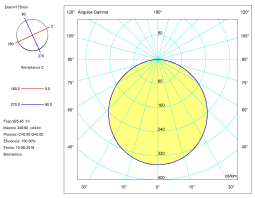
LUMINOTECHNIC FEATURES

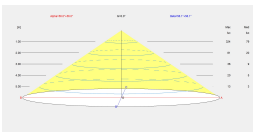
CRI: 80

MacAdam steps: 3

Photobiological risk: RG1

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	10W	3000K





LOGISTICS

Net weight (kg): 0.32

Packaged weight (kg): 0.41

Packaging: 185mm x 45mm x 185mm

20 Un

LIGHT APPLICATION

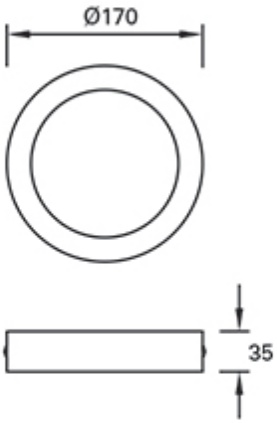


Image may not match reference. LEDS C4 reserves the right to amend any of the product's components. The data related to flux, power and colour temperature are subject to a tolerance of ±10%.

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

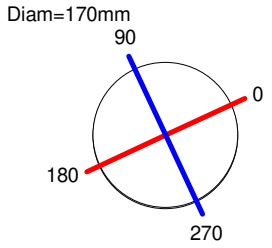
Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminaria Redonda	Diam. 170 mm	Altura	3 mm
Área Luminosa Redonda	Diam. 128 mm	Altura	0 mm
Área Luminosa Horizontal	0.012868 m2	Área Emisión sobre Pl. 180°	0.000000 m2
Área Emisión sobre Pl. 0°	0.000000 m2	Área Emisión sobre Pl. 270°	0.000000 m2
Área Emisión sobre Pl. 90°	0.000000 m2	Área de deslumbramiento a 76°	0.003113 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	10-06-2016	Máximo Ángulo Gamma	90
Distancia de Ensayo	0.00	Flujo de Ensayo	874 lm
Operador	Asselum T3	Tensión Nominal	
Temperatura		Corriente Nominal	
Humedad		Fotocélula	
Notas			

Fuentes de luz de la Luminaria

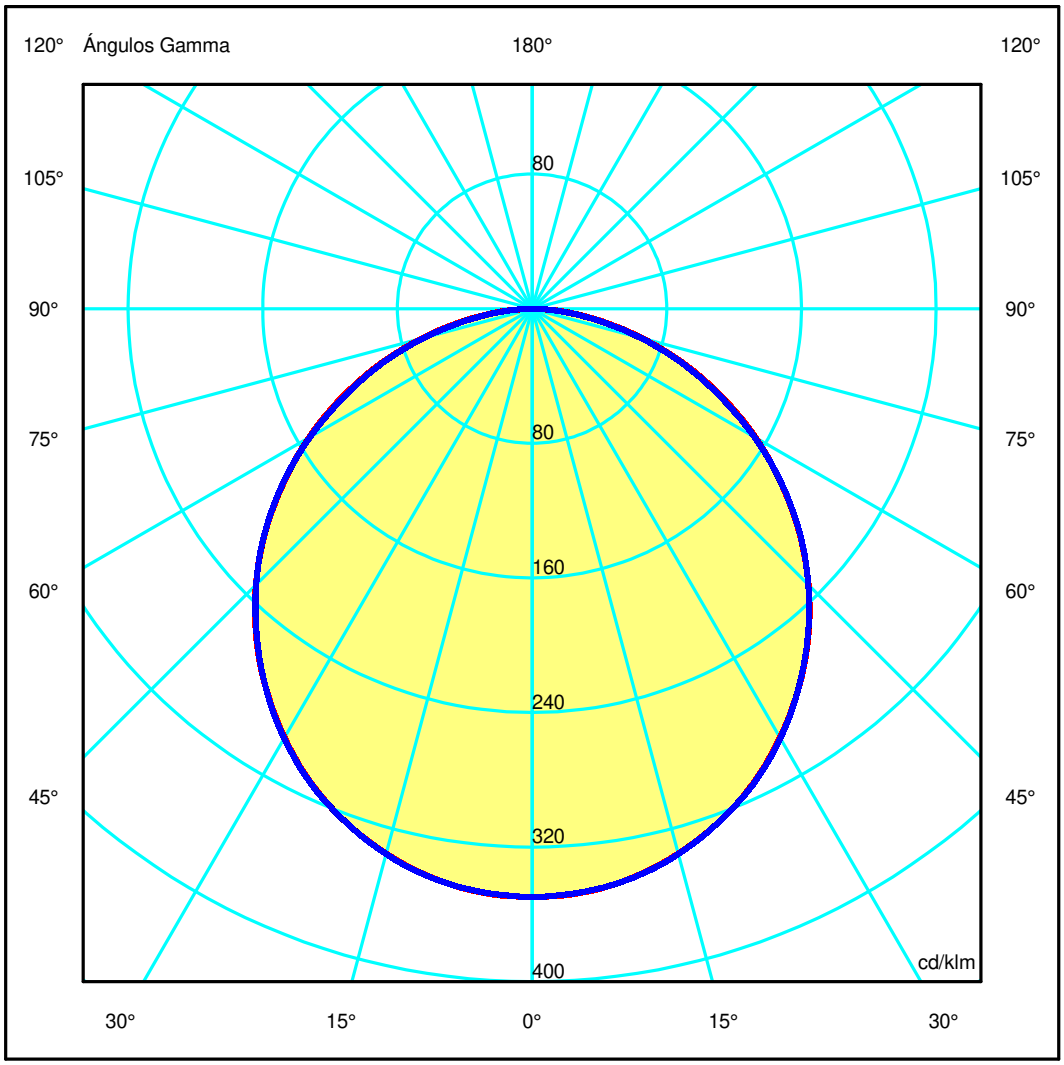
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	TC-0160-BLA	TC-0160-BLA	874.00	12.00	1

C.I.E.	47 78 95 100 100	D DIN 5040	A30
F UTE	1.00 E	B NBN	BZ 5



Semiplanos C
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

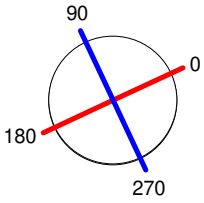
Tabla de Intensidad Luminosa cd/klm **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	349.80	349.80	349.80	349.80	349.80	349.80	349.80
G 5.0	348.22	348.06	348.29	348.12	348.19	348.17	347.91
G 10.0	343.31	343.39	343.34	343.47	343.27	343.39	343.42
G 15.0	335.30	335.61	335.57	335.56	335.72	335.52	335.52
G 20.0	324.53	324.69	324.85	324.55	324.70	324.64	324.49
G 25.0	310.96	311.25	310.96	311.22	310.83	311.24	311.31
G 30.0	294.30	295.05	294.88	295.11	294.78	295.02	294.77
G 35.0	275.66	276.50	276.18	276.18	276.11	276.21	275.77
G 40.0	255.04	255.47	255.16	255.07	255.14	255.18	254.55
G 45.0	232.10	232.54	232.14	232.27	231.95	232.38	231.95
G 50.0	207.17	207.63	207.33	208.07	206.82	207.63	207.50
G 55.0	180.35	181.29	180.66	181.19	180.31	181.12	180.71
G 60.0	153.25	153.52	152.79	153.15	152.68	152.90	152.53
G 65.0	124.82	125.02	124.70	124.37	124.05	124.24	123.04
G 70.0	96.33	95.96	95.80	95.64	94.75	94.98	95.10
G 75.0	67.67	68.05	67.33	67.34	67.01	66.87	66.24
G 80.0	41.44	41.45	41.21	40.82	40.29	40.47	39.51
G 85.0	17.98	17.92	17.71	17.41	17.08	17.16	17.04
G 90.0	1.53	1.37	1.22	1.04	0.86	0.77	0.75

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

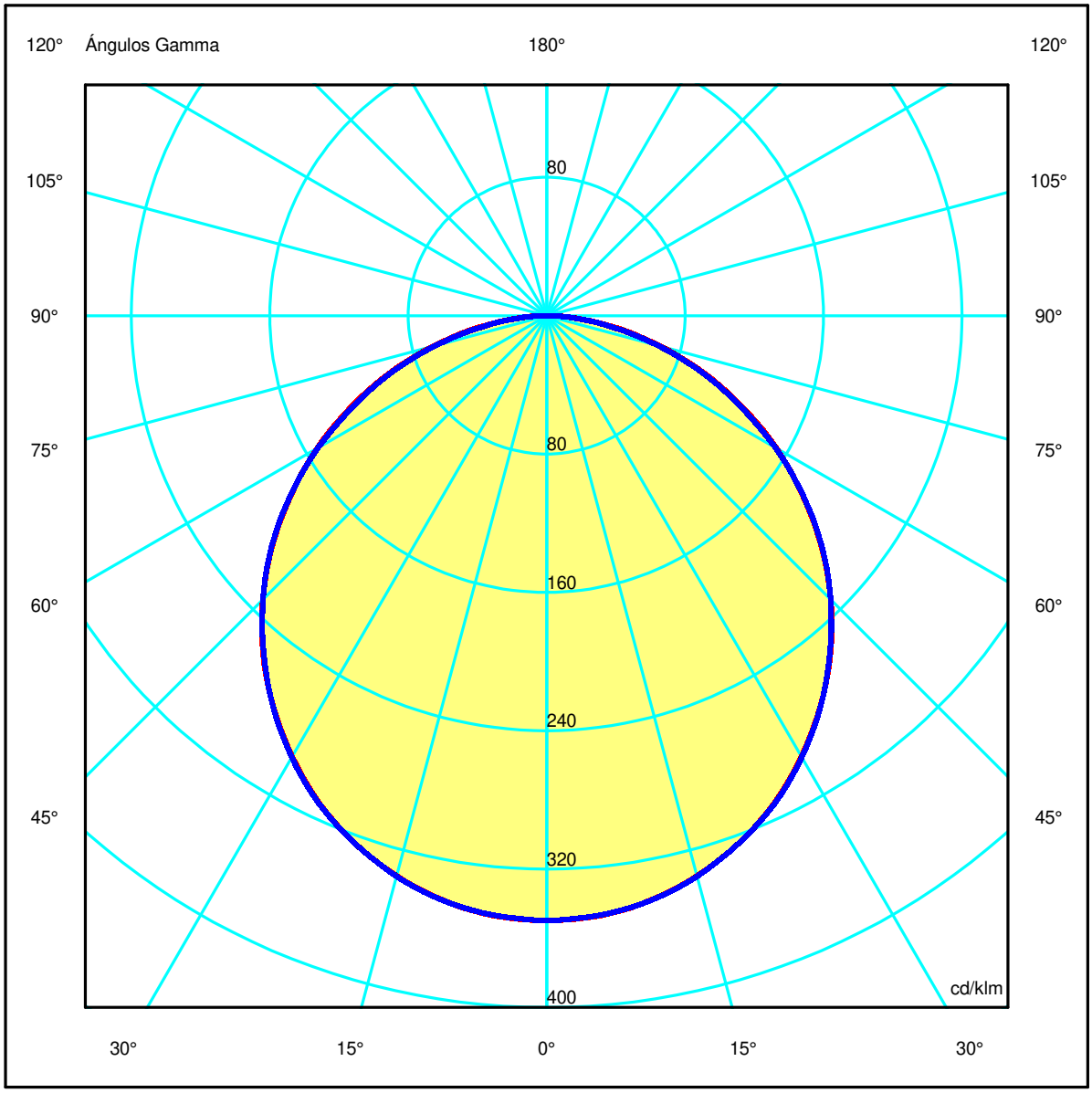
Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=170mm



Semiplanos C

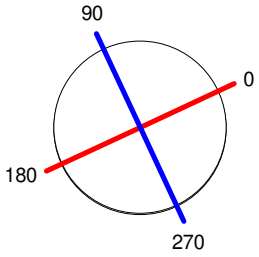
180.0 0.0
270.0 90.0



Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

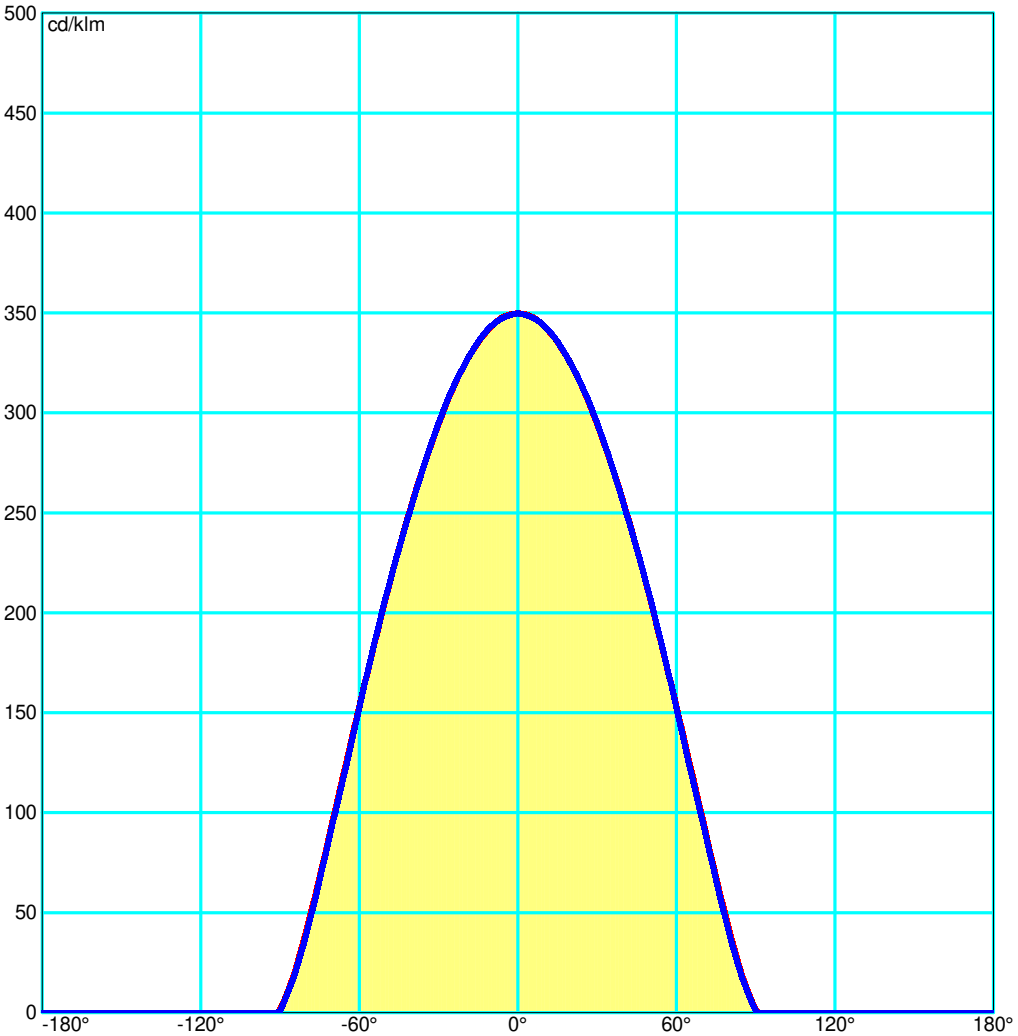
Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=170mm



Semiplanos C





Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Local	Vista Lateral					Vista Longitudinal				
x=2H y=2H	23.3	24.6	23.6	24.9	25.1	23.3	24.6	23.6	24.8	25.1
x=2H y=3H	24.9	26.1	25.2	26.3	26.6	24.8	26.1	25.2	26.3	26.6
x=2H y=4H	25.5	26.7	25.9	26.9	27.2	25.5	26.6	25.8	26.9	27.2
x=2H y=6H	26.0	27.1	26.4	27.4	27.7	25.9	27.0	26.3	27.3	27.6
x=2H y=8H	26.2	27.2	26.5	27.5	27.8	26.1	27.1	26.4	27.4	27.7
x=2H y=12H	26.3	27.2	26.6	27.6	27.9	26.2	27.1	26.5	27.5	27.8
x=4H y=2H	24.0	25.1	24.3	25.4	25.7	24.0	25.1	24.3	25.4	25.7
x=4H y=3H	25.8	26.7	26.1	27.1	27.4	25.7	26.7	26.1	27.0	27.3
x=4H y=4H	26.5	27.4	26.9	27.7	28.1	26.5	27.3	26.9	27.7	28.1
x=4H y=6H	27.1	27.9	27.6	28.3	28.7	27.1	27.8	27.5	28.2	28.6
x=4H y=8H	27.3	28.0	27.8	28.4	28.9	27.3	28.0	27.7	28.4	28.8
x=4H y=12H	27.5	28.1	27.9	28.5	29.0	27.4	28.0	27.8	28.4	28.9
x=8H y=4H	26.8	27.5	27.3	27.9	28.3	26.8	27.5	27.2	27.9	28.3
x=8H y=6H	27.6	28.2	28.0	28.6	29.0	27.5	28.1	28.0	28.5	29.0
x=8H y=8H	27.9	28.4	28.4	28.8	29.3	27.8	28.3	28.3	28.7	29.2
x=8H y=12H	28.1	28.5	28.6	29.0	29.5	28.0	28.4	28.5	28.9	29.4
x=12H y=4H	26.9	27.5	27.3	27.9	28.3	26.8	27.4	27.3	27.9	28.3
x=12H y=6H	27.6	28.1	28.1	28.6	29.1	27.6	28.1	28.1	28.5	29.0
x=12H y=8H	28.0	28.4	28.5	28.9	29.4	27.9	28.3	28.4	28.8	29.3

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=874.00 Flujo Luminaria=874.00

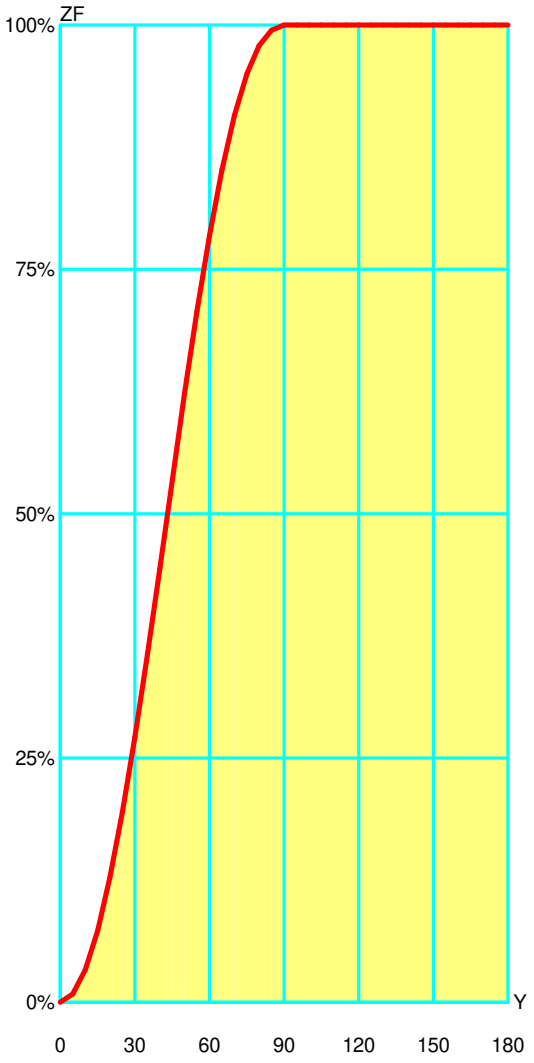
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.30	0.39	0.46	0.53	0.59	0.68	0.74	0.78	0.83	0.86	0.93	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	4

Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	128	271	444	623	785	908	979	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
47 78 95 100 100

C.I.E.	5/5/5/5/5/5/5/5/5/5/4	LOR	100.00000 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	100.00000 %
B NBN	BZ 5	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.34	8.34	0.83 %	0.83 %
10°	24.74	33.08	2.47 %	3.31 %
15°	40.27	73.36	4.03 %	7.34 %
20°	54.41	127.77	5.44 %	12.78 %
25°	66.68	194.45	6.67 %	19.44 %
30°	76.69	271.14	7.67 %	27.11 %
35°	84.09	355.23	8.41 %	35.52 %
40°	88.64	443.87	8.86 %	44.39 %
45°	90.24	534.11	9.02 %	53.41 %
50°	88.85	622.95	8.88 %	62.30 %
55°	84.43	707.38	8.44 %	70.74 %
60°	77.17	784.55	7.72 %	78.46 %
65°	67.43	851.98	6.74 %	85.20 %
70°	55.67	907.65	5.57 %	90.77 %
75°	42.54	950.19	4.25 %	95.02 %
80°	28.91	979.10	2.89 %	97.91 %
85°	15.83	994.93	1.58 %	99.49 %
90°	5.07	1000.00	0.51 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Utilización CIE

Montaje Directo Normalización Normalizados Raz. de Susp. 1/3 CIE Estándar

Techo

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	218	196	172	155	186	148	111	95	87	75	46	35	17	12	70	38	33	14	11	31	12	10	0
0.80	252	231	183	169	220	161	140	123	100	88	56	45	23	17	82	47	42	20	16	40	17	15	0
1.00	275	256	185	173	243	166	163	146	107	96	63	52	29	22	90	54	49	25	21	47	22	20	0
1.25	295	277	182	173	264	166	187	170	112	102	69	59	36	29	96	60	56	31	27	53	28	25	0
1.50	309	293	178	170	279	164	206	189	114	106	74	65	42	34	100	65	61	37	33	59	33	30	0
2.00	326	314	167	162	299	156	234	219	115	108	80	72	51	44	103	72	69	46	42	66	43	39	0
2.50	338	327	159	155	312	150	255	241	115	109	85	77	58	52	104	77	74	54	50	71	50	46	0
3.00	346	336	152	149	321	144	270	258	114	110	88	81	64	58	105	81	78	60	56	75	56	52	0
4.00	357	349	143	141	334	137	292	282	113	110	92	87	72	67	106	86	84	68	65	81	64	61	0
5.00	364	358	137	136	343	133	307	298	113	110	95	90	78	73	106	89	87	74	71	85	70	67	0
10.00	379	376	124	124	360	122	340	335	111	110	101	98	91	88	106	97	96	88	86	93	85	82	0
20.00	386	385	117	116	370	115	359	356	109	109	104	103	99	97	106	101	100	96	95	98	93	91	0

Pared

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	469	457	411	402	451	398	355	347	321	315	269	265	232	230	313	265	264	230	229	263	230	229	209
0.80	528	515	449	441	506	435	412	403	363	357	311	306	273	270	352	306	304	271	269	303	269	268	244
1.00	567	555	470	462	543	456	453	442	389	383	340	334	302	298	378	334	332	299	298	329	297	296	269
1.25	601	589	485	479	575	471	491	480	412	406	366	360	329	325	399	359	356	325	323	353	323	321	291
1.50	625	614	494	489	598	481	519	508	427	422	384	379	349	345	414	377	374	345	343	371	342	340	307
2.00	650	640	495	491	621	484	553	542	439	435	403	397	372	367	426	394	392	366	364	387	362	359	322
2.50	664	655	494	490	634	483	575	564	445	441	413	408	386	381	432	404	402	380	377	396	374	370	331
3.00	672	664	490	487	642	479	589	579	447	444	419	414	394	389	434	409	407	387	385	401	382	376	335
4.00	687	681	489	487	657	480	613	604	454	452	431	427	410	406	441	421	419	402	400	412	396	390	345
5.00	699	694	491	489	668	482	630	623	460	458	440	437	422	418	447	430	428	414	412	420	406	400	354
10.00	723	720	492	491	691	484	669	664	472	471	461	458	450	447	459	449	448	439	438	439	430	421	371
20.00	726	724	482	482	694	475	682	679	469	468	462	461	456	454	456	450	450	445	444	439	434	425	372

P.Trab.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	593	580	553	544	572	538	456	448	439	433	372	368	324	322	429	368	366	323	322	365	322	321	304
0.80	701	687	646	636	674	628	558	548	532	525	464	458	412	409	519	457	455	410	408	453	408	407	389
1.00	785	771	716	707	755	697	642	630	607	600	540	533	488	484	591	532	529	485	483	526	482	480	462
1.25	865	850	780	771	831	760	724	711	678	671	614	607	564	559	660	604	602	559	556	597	555	552	535
1.50	924	910	825	818	887	806	787	773	731	724	671	663	622	617	712	660	657	616	613	651	612	608	591
2.00	1000	998	890	884	970	872	883	869	810	803	758	750	714	708	789	744	741	706	702	733	699	693	678
2.50	1000	1000	930	925	1000	912	947	934	860	854	815	807	775	769	838	800	797	766	762	787	757	750	735
3.00	1000	1000	957	953	1000	940	994	981	895	890	855	848	820	813	873	839	836	809	805	825	799	790	777
4.00	1000	1000	990	987	1000	974	1000	1000	938	934	905	899	876	869	915	888	885	863	859	872	851	840	827
5.00	1000	1000	1000	1000	1000	994	1000	1000	964	960	936	931	911	905	941	918	916	896	893	901	883	871	859
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	988	984	995	982	981	970	967	963	953	937	926
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	992	973	963

LM53 SHR C0-C180: 1.250 SHR C90-C270: 1.250 SHR Superficial: 1.377

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

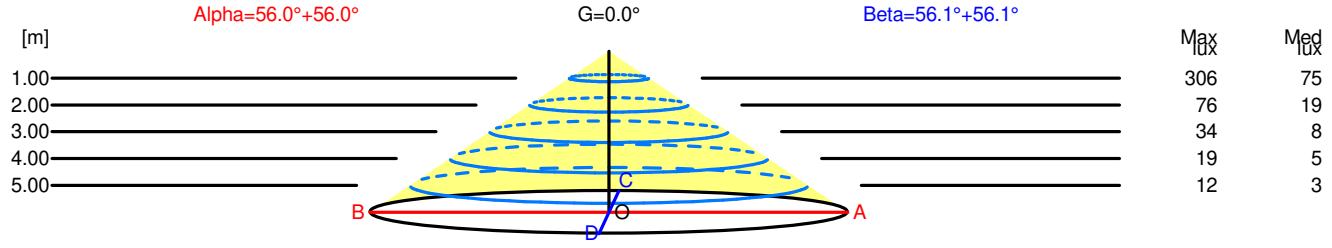
Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Apertura a 50.00 % de Max Intensidad

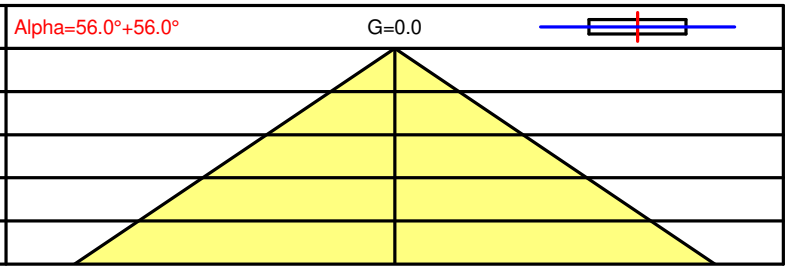
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.48	2.97	4.45	5.93	7.42	OC	1.49	2.97	4.46	5.94	7.43
OB	1.48	2.97	4.45	5.93	7.42	OD	1.49	2.97	4.46	5.94	7.43

Intensidades Luminosas [cd/klm]

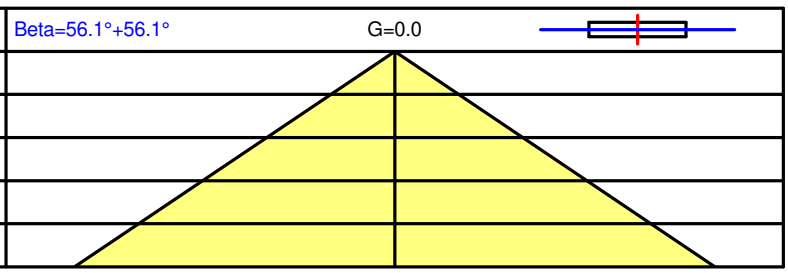
	0	5	15	25	35	45	55	65	75	85
OA	305.72	304.34	293.05	271.78	240.93	202.85	157.63	109.09	59.15	15.71
OB	305.72	304.34	293.05	271.78	240.93	202.85	157.63	109.09	59.15	15.71
OC	305.72	304.08	293.24	272.08	241.03	202.72	157.94	107.54	57.89	14.89
OD	305.72	304.08	293.24	272.08	241.03	202.72	157.94	107.54	57.89	14.89



H[m]	D[m]	Max lux	Med lux
1.00	2.97	306	75
2.00	5.93	76	19
3.00	8.90	34	8
4.00	11.87	19	5
5.00	14.83	12	3



H[m]	D[m]	Max lux	Med lux
1.00	2.97	306	75
2.00	5.94	76	19
3.00	8.91	34	8
4.00	11.88	19	5
5.00	14.86	12	3

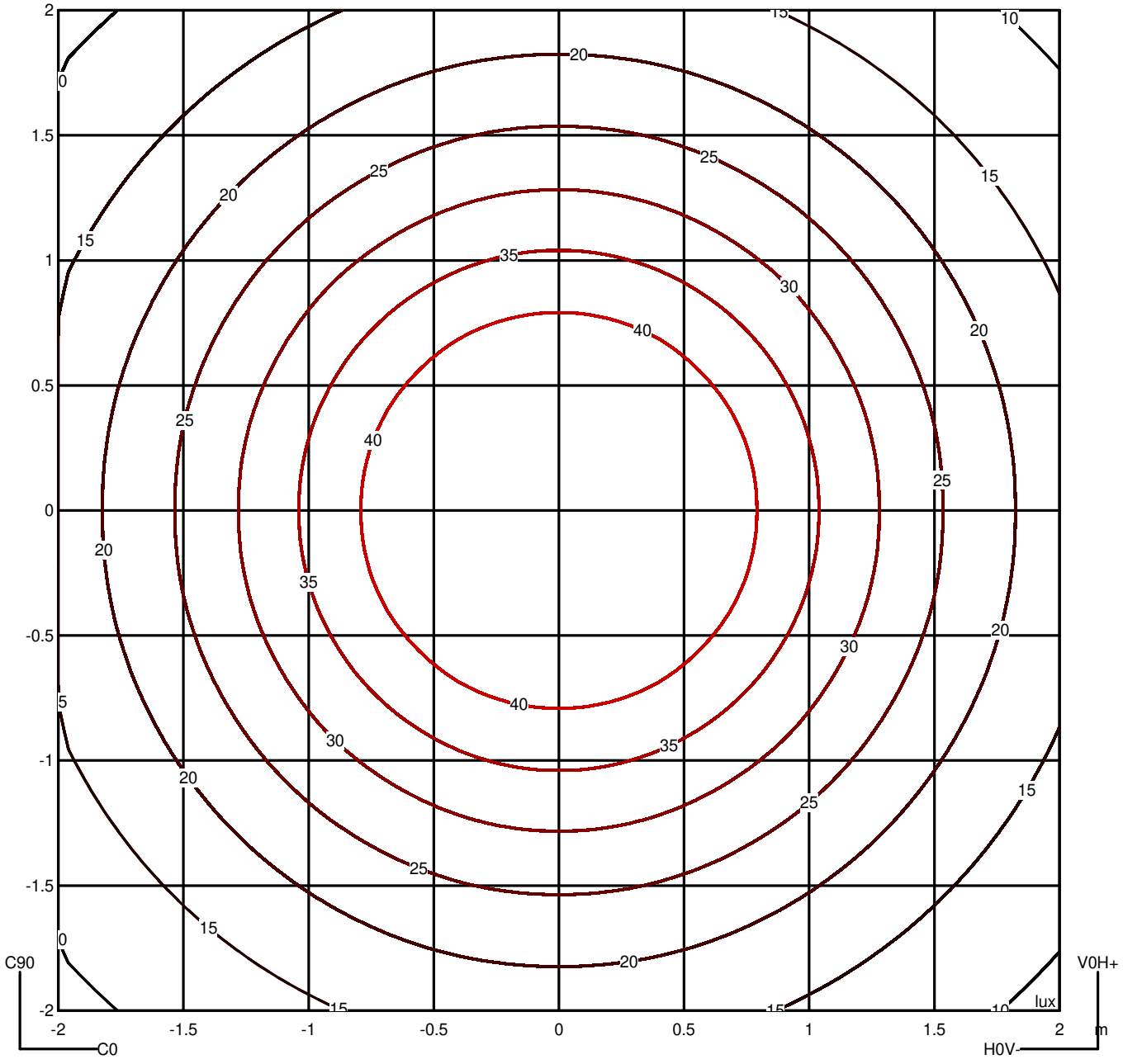


Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

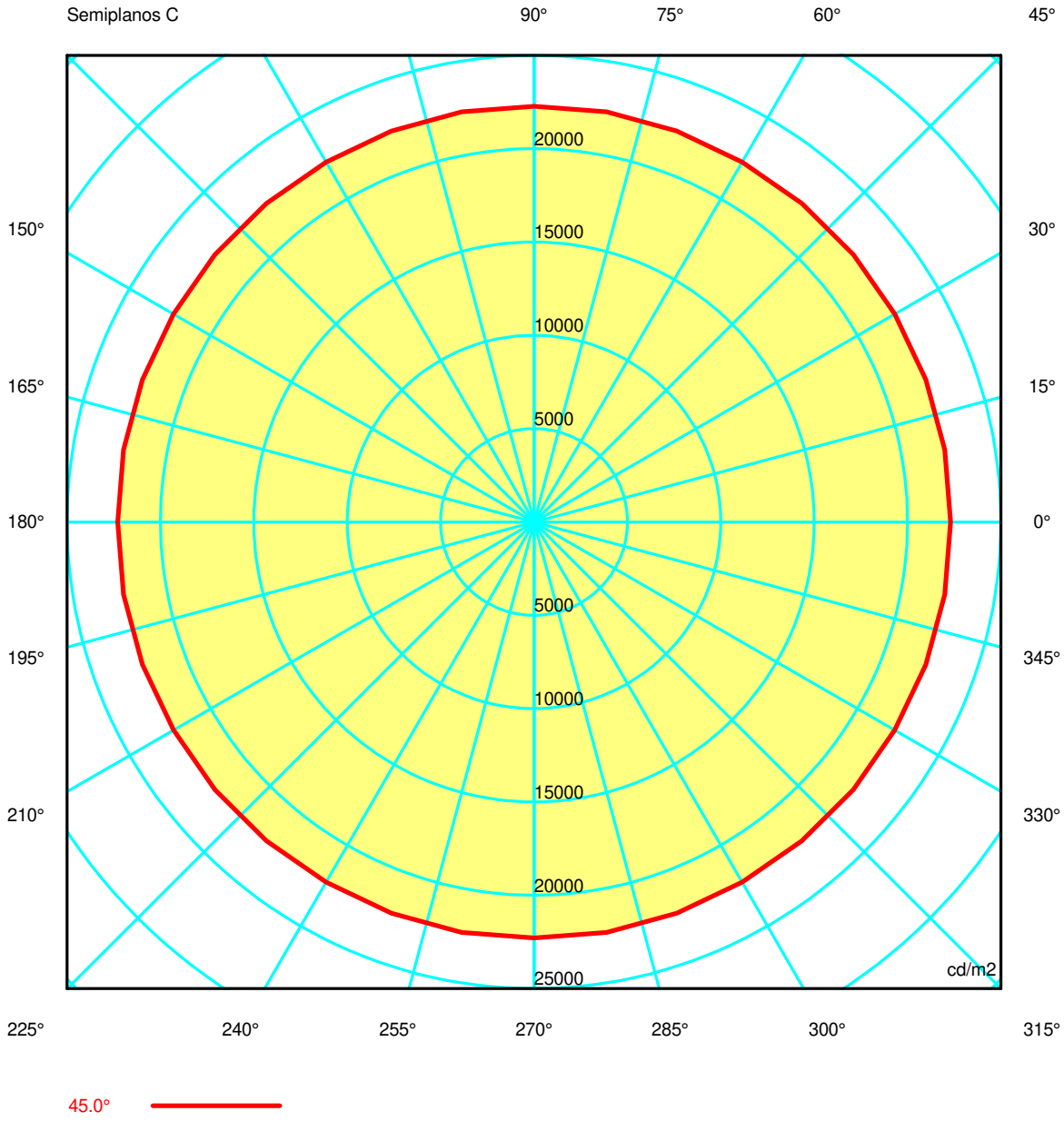
Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminancia



Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminance cd/m2 **Tabla 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61
G 5.0	23741.62	23730.79	23735.79	23746.63	23739.22	23736.28	23739.38	23740.51	23733.57	23720.83	23733.57	23740.51	23739.38
G 10.0	23677.33	23682.86	23681.51	23679.33	23687.15	23685.10	23675.05	23679.41	23683.85	23684.83	23683.85	23679.41	23675.05
G 15.0	23577.11	23594.08	23598.09	23596.23	23593.59	23599.96	23606.56	23597.62	23590.24	23592.45	23590.24	23597.62	23606.56
G 20.0	23456.77	23463.72	23475.07	23479.93	23464.08	23458.98	23469.07	23468.08	23460.88	23453.95	23460.88	23468.08	23469.07
G 25.0	23304.11	23324.44	23318.41	23304.00	23319.87	23315.60	23294.39	23312.04	23326.52	23330.17	23326.52	23312.04	23294.39
G 30.0	23081.04	23128.90	23138.61	23126.90	23141.28	23138.34	23119.19	23131.16	23136.79	23118.25	23136.79	23131.16	23119.19
G 35.0	22856.96	22913.27	22917.11	22899.39	22899.84	22898.11	22894.19	22901.94	22895.14	22865.98	22895.14	22901.94	22894.19
G 40.0	22612.56	22645.14	22645.86	22623.17	22614.81	22616.37	22622.00	22629.28	22612.56	22569.21	22612.56	22629.28	22622.00
G 45.0	22293.90	22331.83	22325.57	22297.86	22307.96	22300.38	22280.14	22308.86	22318.00	22279.77	22318.00	22308.86	22280.14
G 50.0	21890.93	21935.96	21923.97	21907.27	21975.79	21949.08	21853.81	21902.30	21952.74	21926.14	21952.74	21902.30	21853.81
G 55.0	21356.62	21454.11	21445.64	21393.33	21443.47	21425.48	21351.74	21411.41	21452.03	21399.11	21452.03	21411.41	21351.74
G 60.0	20817.99	20860.25	20820.89	20755.57	20789.35	20789.74	20740.65	20758.47	20764.58	20719.43	20764.58	20758.47	20740.65
G 65.0	20060.50	20090.64	20081.82	20041.30	20007.49	19963.25	19936.76	19969.96	19927.58	19774.20	19927.58	19969.96	19936.76
G 70.0	19129.20	19077.72	19045.41	19024.34	19003.71	18933.68	18816.61	18832.79	18869.13	18884.92	18869.13	18832.79	18816.61
G 75.0	17759.05	17860.52	17805.16	17668.44	17670.33	17651.55	17585.62	17565.67	17508.74	17383.27	17508.74	17565.67	17585.62
G 80.0	16210.62	16223.05	16190.88	16117.77	16032.31	15879.54	15759.27	15825.31	15757.67	15452.91	15757.67	15825.31	15759.27
G 85.0	14011.60	13991.06	13923.63	13804.58	13657.89	13461.23	13309.87	13342.72	13363.21	13280.80	13363.21	13342.72	13309.87
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminance cd/m2 **Tabla 2/3**

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61
G 5.0	23736.28	23739.22	23746.63	23735.79	23730.79	23741.62	23730.79	23735.79	23746.63	23739.22	23736.28	23739.38	23740.51
G 10.0	23685.10	23687.15	23679.33	23681.51	23682.86	23677.33	23682.86	23681.51	23679.33	23687.15	23685.10	23675.05	23679.41
G 15.0	23599.96	23593.59	23596.23	23598.09	23594.08	23577.11	23594.08	23598.09	23596.23	23593.59	23599.96	23606.56	23597.62
G 20.0	23458.98	23464.08	23479.93	23475.07	23463.72	23456.77	23463.72	23475.07	23479.93	23464.08	23458.98	23469.07	23468.08
G 25.0	23315.60	23319.87	23304.00	23318.41	23324.44	23304.11	23324.44	23318.41	23304.00	23319.87	23315.60	23294.39	23312.04
G 30.0	23138.34	23141.28	23126.90	23138.61	23128.90	23081.04	23128.90	23138.61	23126.90	23141.28	23138.34	23119.19	23131.16
G 35.0	22898.11	22899.84	22899.39	22917.11	22913.27	22856.96	22913.27	22917.11	22899.39	22899.84	22898.11	22894.19	22901.94
G 40.0	22616.37	22614.81	22623.17	22645.86	22645.14	22612.56	22645.14	22645.86	22623.17	22614.81	22616.37	22622.00	22629.28
G 45.0	22300.38	22307.96	22297.86	22325.57	22331.83	22293.90	22331.83	22325.57	22297.86	22307.96	22300.38	22280.14	22308.86
G 50.0	21949.08	21975.79	21907.27	21923.97	21935.96	21890.93	21935.96	21923.97	21907.27	21975.79	21949.08	21853.81	21902.30
G 55.0	21425.48	21443.47	21393.33	21445.64	21454.11	21356.62	21454.11	21445.64	21393.33	21443.47	21425.48	21351.74	21411.41
G 60.0	20789.74	20789.35	20755.57	20820.89	20860.25	20817.99	20860.25	20820.89	20755.57	20789.35	20789.74	20740.65	20758.47
G 65.0	19963.25	20007.49	20041.30	20081.82	20090.64	20060.50	20090.64	20081.82	20041.30	20007.49	19963.25	19936.76	19969.96
G 70.0	18933.68	19003.71	19024.34	19045.41	19077.72	19129.20	19077.72	19045.41	19024.34	19003.71	18933.68	18816.61	18832.79
G 75.0	17651.55	17670.33	17668.44	17805.16	17860.52	17759.05	17860.52	17805.16	17668.44	17670.33	17651.55	17585.62	17565.67
G 80.0	15879.54	16032.31	16117.77	16190.88	16223.05	16210.62	16223.05	16190.88	16117.77	16032.31	15879.54	15759.27	15825.31
G 85.0	13461.23	13657.89	13804.58	13923.63	13991.06	14011.60	13991.06	13923.63	13804.58	13657.89	13461.23	13309.87	13342.72
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

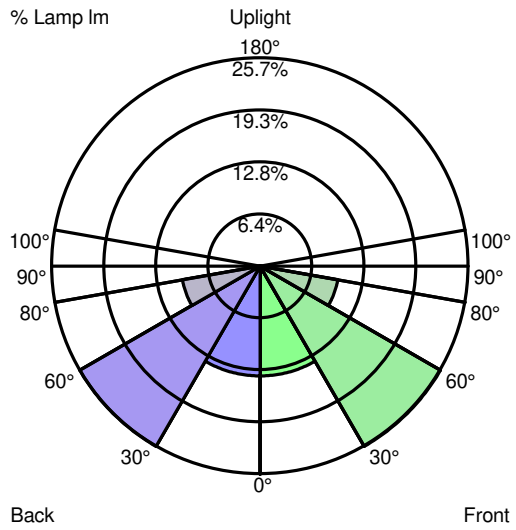
Luminance cd/m2 **Tabla 3/3**

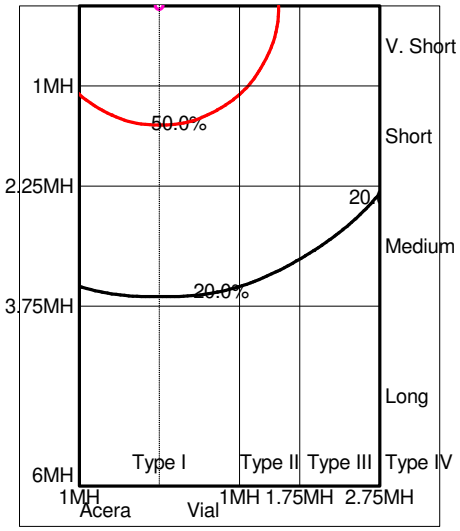
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61	23758.61
G 5.0	23733.57	23720.83	23733.57	23740.51	23739.38	23736.28	23739.22	23746.63	23735.79	23730.79
G 10.0	23683.85	23684.83	23683.85	23679.41	23675.05	23685.10	23687.15	23679.33	23681.51	23682.86
G 15.0	23590.24	23592.45	23590.24	23597.62	23606.56	23599.96	23593.59	23596.23	23598.09	23594.08
G 20.0	23460.88	23453.95	23460.88	23468.08	23469.07	23458.98	23464.08	23479.93	23475.07	23463.72
G 25.0	23326.52	23330.17	23326.52	23312.04	23294.39	23315.60	23319.87	23304.00	23318.41	23324.44
G 30.0	23136.79	23118.25	23136.79	23131.16	23119.19	23138.34	23141.28	23126.90	23138.61	23128.90
G 35.0	22895.14	22865.98	22895.14	22901.94	22894.19	22898.11	22899.84	22899.39	22917.11	22913.27
G 40.0	22612.56	22569.21	22612.56	22629.28	22622.00	22616.37	22614.81	22623.17	22645.86	22645.14
G 45.0	22318.00	22279.77	22318.00	22308.86	22280.14	22300.38	22307.96	22297.86	22325.57	22331.83
G 50.0	21952.74	21926.14	21952.74	21902.30	21853.81	21949.08	21975.79	21907.27	21923.97	21935.96
G 55.0	21452.03	21399.11	21452.03	21411.41	21351.74	21425.48	21443.47	21393.33	21445.64	21454.11
G 60.0	20764.58	20719.43	20764.58	20758.47	20740.65	20789.74	20789.35	20755.57	20820.89	20860.25
G 65.0	19927.58	19774.20	19927.58	19969.96	19936.76	19963.25	20007.49	20041.30	20081.82	20090.64
G 70.0	18869.13	18884.92	18869.13	18832.79	18816.61	18933.68	19003.71	19024.34	19045.41	19077.72
G 75.0	17508.74	17383.27	17508.74	17565.67	17585.62	17651.55	17670.33	17668.44	17805.16	17860.52
G 80.0	15757.67	15452.91	15757.67	15825.31	15759.27	15879.54	16032.31	16117.77	16190.88	16223.05
G 85.0	13363.21	13280.80	13363.21	13342.72	13309.87	13461.23	13657.89	13804.58	13923.63	13991.06
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaria
Código TC-0160-BLA
Nombre EASY
Ensayo
Código TC-0148-BLA
Nombre EASY

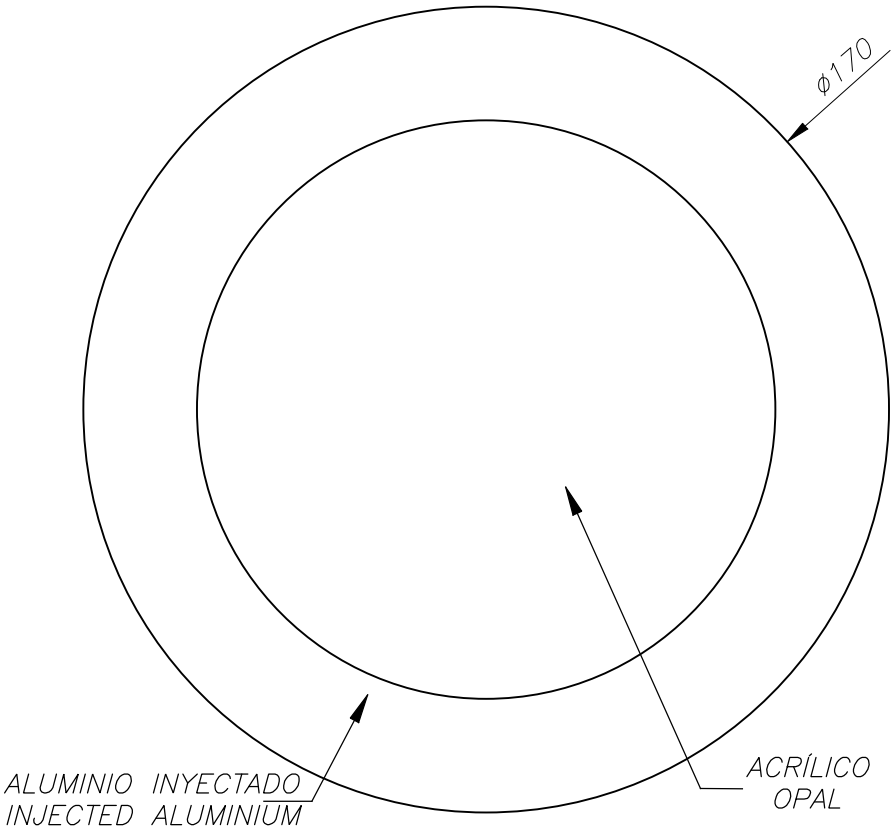
Flujo Luminaria	874 lm	Potencia Luminaria	12.0 W	Eficacia	72.833 lm/W	Eficiencia	100.00%
Flujo Fuente	874 lm	Valor Máximo	349.80 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

US ROAD STANDARDS





Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	118.5 lm	13.6 %	13.6 %
FM	30° -- 60°	224.6 lm	25.7 %	25.7 %
FH	60° -- 80°	85.0 lm	9.7 %	9.7 %
FVH	80° -- 90°	8.9 lm	1.0 %	1.0 %
BL	0° -- 30°	118.5 lm	13.6 %	13.6 %
BM	30° -- 60°	224.6 lm	25.7 %	25.7 %
BH	60° -- 80°	85.0 lm	9.7 %	9.7 %
BVH	80° -- 90°	8.9 lm	1.0 %	1.0 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		874.0 lm	100.0 %	100.0 %
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry				





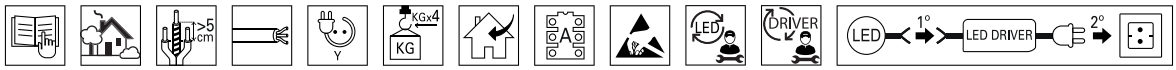


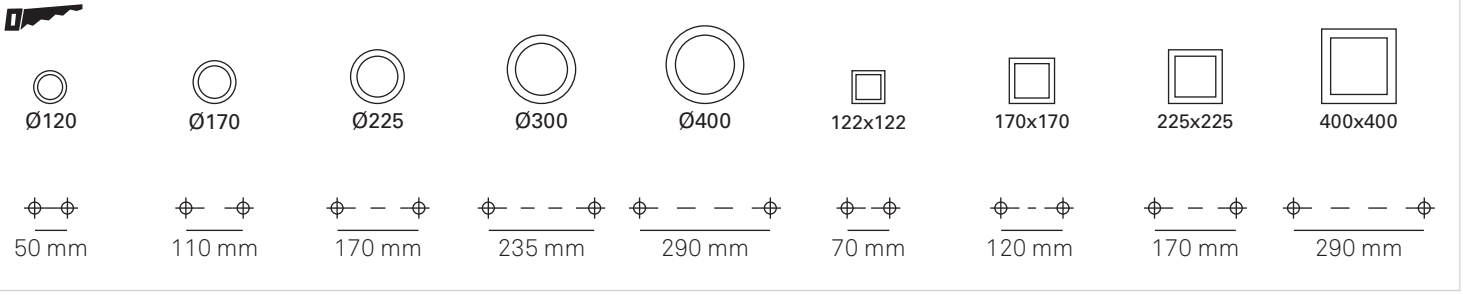
PLANTILLA DE INSTALACIÓN
INSTALLATION TEMPLATE

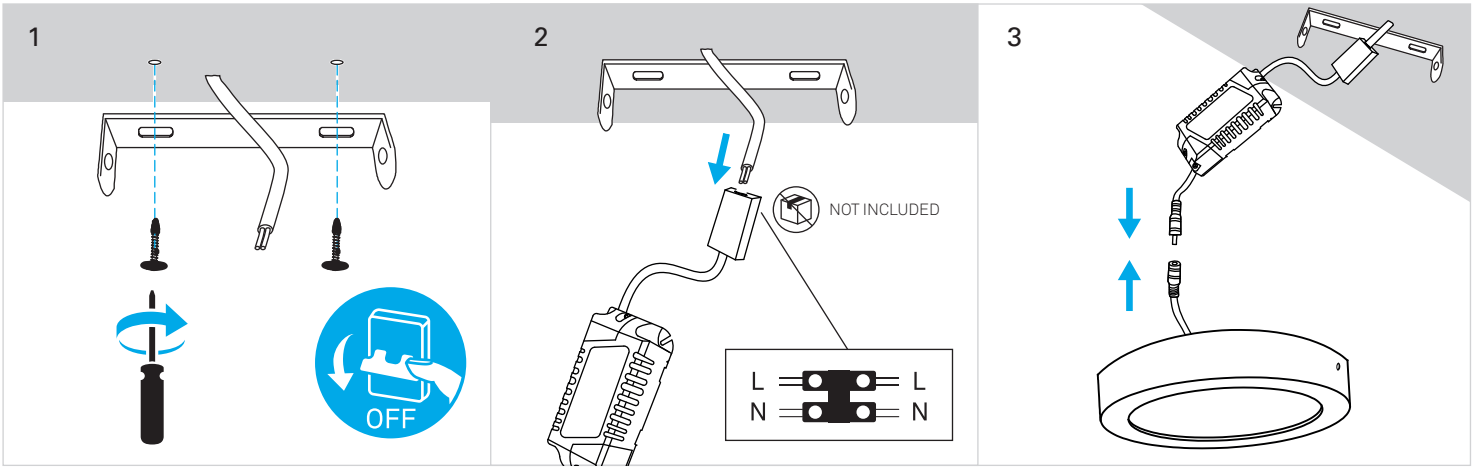
Scale 1:1,5

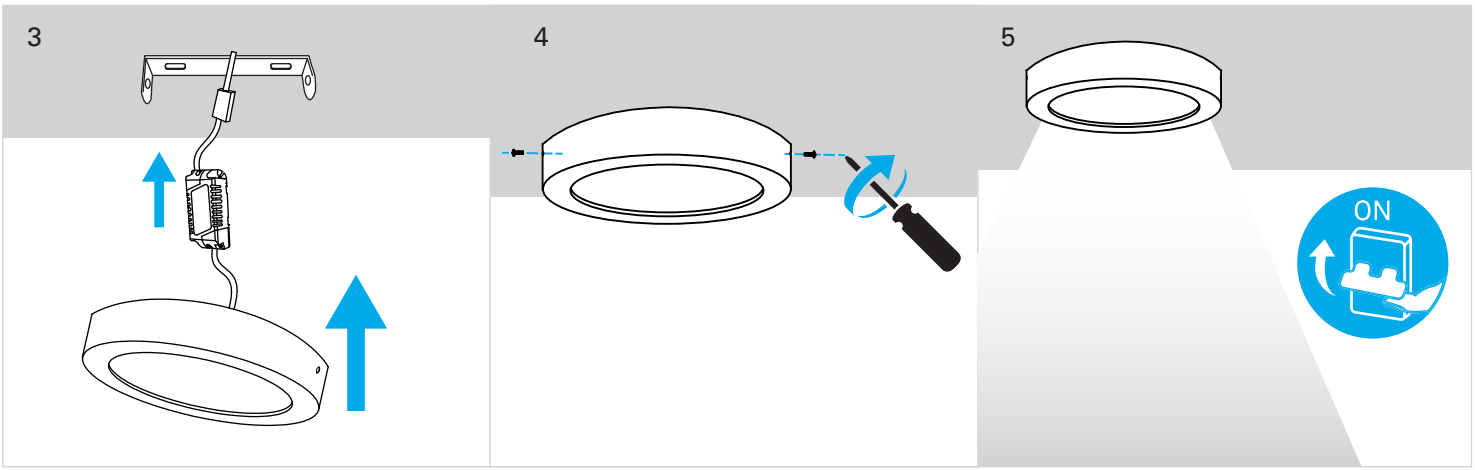
11-02-16

Easy


>5 cm
KGx4
KG
Y
A
LED
DRIVER
LED
1°
LED DRIVER
2°


Ø120
Ø170
Ø225
Ø300
Ø400
122x122
170x170
225x225
400x400
50 mm
110 mm
170 mm
235 mm
290 mm
70 mm
120 mm
170 mm
290 mm


1
OFF
2
NOT INCLUDED
L
N
L
N
3


3
4
5
ON