

# LEDS C4<sup>®</sup>

## Luminaria

Código 05-8540-05-82

Nombre CLIP

## Ensayo

Código 05-8540-05-82

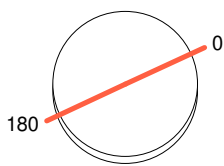
Nombre CLIP

Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico
Luminaria Redonda		Diam.	16 mm	Altura	92 mm		
Área Luminosa Redonda		Diam.	12 mm	Altura	0 mm		
Área Luminosa Horizontal		0.000113 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°		0.000027 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Rotosimétrico	
Fecha		16-09-2021		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		53.03 lm	
Operador		qualitat		Tensión Nominal			
Temperatura		25.00 °C		Corriente Nominal			
Humedad		60.00 %		Fotocélula			
Notas							

## Lámparas de la Luminaria

Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
C.I.E. F UTE	91 99 100 100 100 1.00 A	D DIN 5040 B NBN	53.03 A60 BZ 1	3.60	1

Diam=16mm



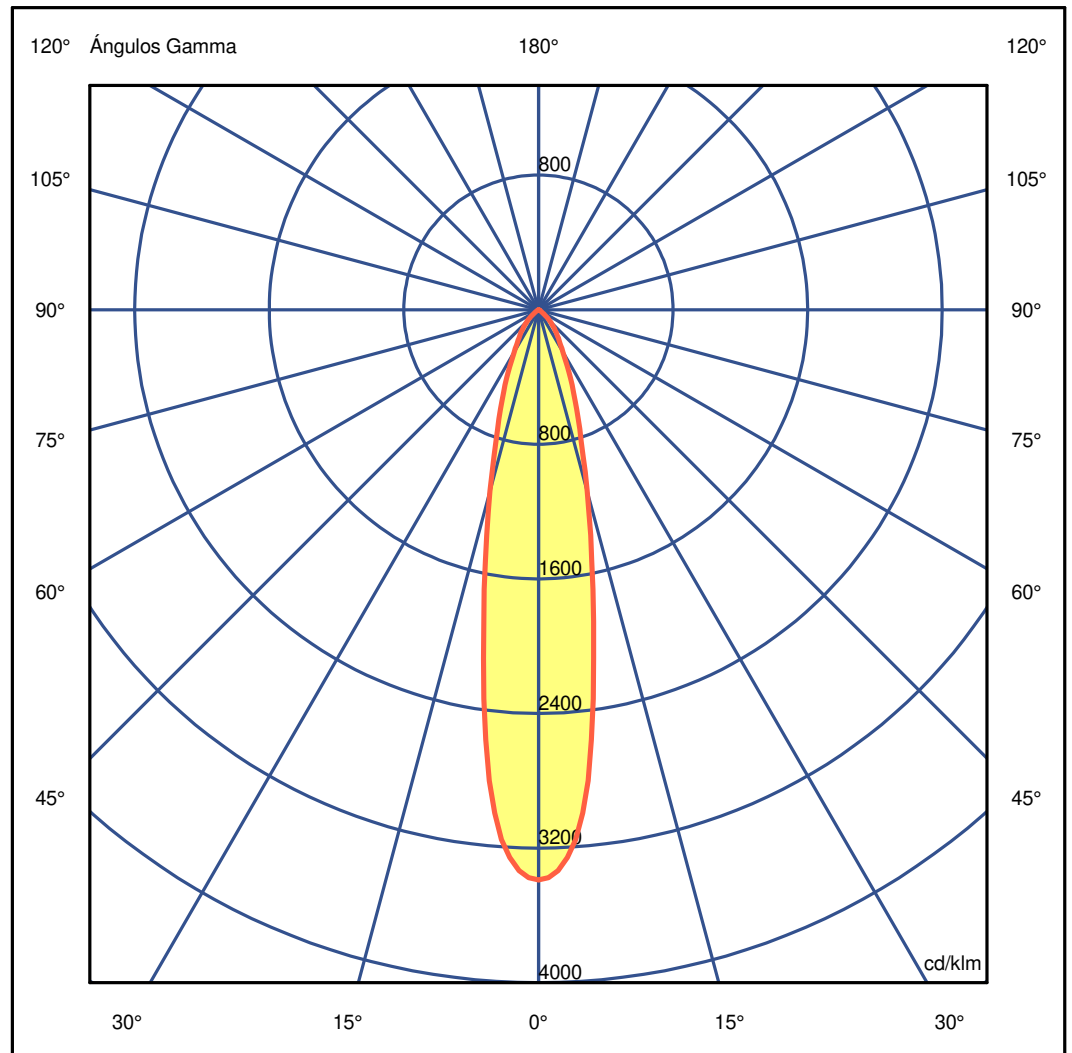
Semiplanos C

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Tabla de Intensidad Luminosa cd/klm

Tabla 1/1

	C 0.00	C 0.00
G 0.0	3389.03	G 46.0 87.22
G 1.0	3375.14	G 47.0 78.58
G 2.0	3334.65	G 48.0 70.27
G 3.0	3258.89	G 49.0 62.37
G 4.0	3155.75	G 50.0 54.67
G 5.0	3001.45	G 51.0 47.11
G 6.0	2813.15	G 52.0 39.74
G 7.0	2574.10	G 53.0 33.13
G 8.0	2334.43	G 54.0 26.81
G 9.0	2094.73	G 55.0 20.48
G 10.0	1879.33	G 56.0 14.78
G 11.0	1691.60	G 57.0 11.22
G 12.0	1522.03	G 58.0 8.47
G 13.0	1374.38	G 59.0 7.37
G 14.0	1236.04	G 60.0 6.64
G 15.0	1116.95	G 61.0 5.96
G 16.0	1003.92	G 62.0 5.35
G 17.0	906.16	G 63.0 4.76
G 18.0	820.31	G 64.0 4.22
G 19.0	750.60	G 65.0 3.73
G 20.0	689.90	G 66.0 3.28
G 21.0	631.96	G 67.0 2.89
G 22.0	579.52	G 68.0 2.52
G 23.0	530.19	G 69.0 2.20
G 24.0	489.23	G 70.0 1.91
G 25.0	449.26	G 71.0 1.66
G 26.0	412.99	G 72.0 1.45
G 27.0	378.50	G 73.0 1.25
G 28.0	346.11	G 74.0 1.09
G 29.0	315.01	G 75.0 0.93
G 30.0	289.46	G 76.0 0.81
G 31.0	268.90	G 77.0 0.69
G 32.0	249.12	G 78.0 0.58
G 33.0	231.75	G 79.0 0.49
G 34.0	216.69	G 80.0 0.41
G 35.0	204.06	G 81.0 0.34
G 36.0	192.19	G 82.0 0.28
G 37.0	180.96	G 83.0 0.22
G 38.0	169.56	G 84.0 0.17
G 39.0	157.88	G 85.0 0.12
G 40.0	146.71	G 86.0 0.08
G 41.0	135.66	G 87.0 0.04
G 42.0	125.29	G 88.0 0.02
G 43.0	115.03	G 89.0 0.01
G 44.0	105.46	G 90.0 0.01
G 45.0	96.09	

# LEDS C4<sup>2</sup>

**Luminaria**

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**Ensayo**

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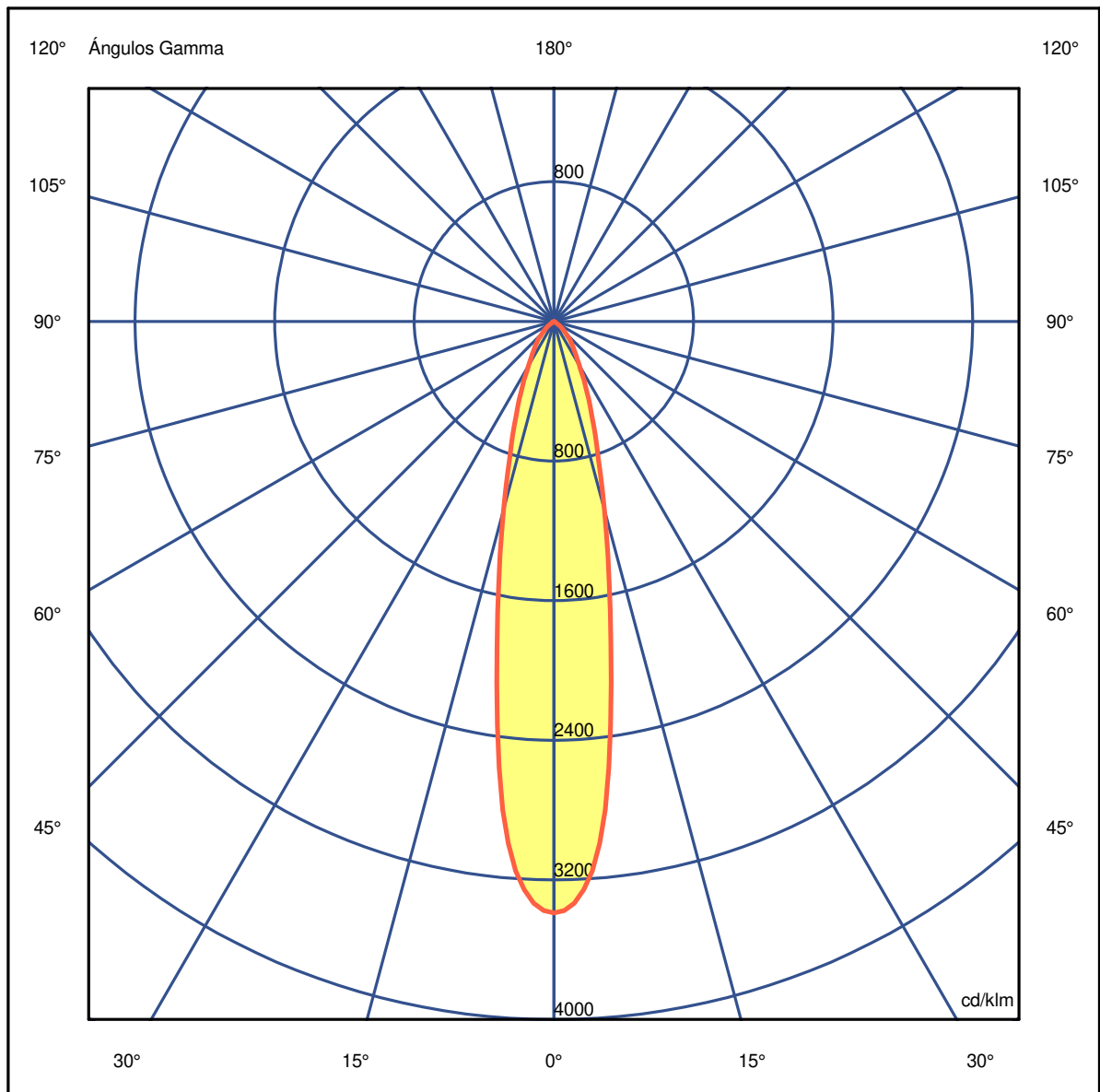
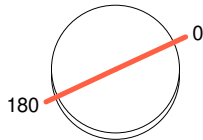
Nombre CLIP

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Diam=16mm

Semiplanos C

180.0  0.0



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Nombre CLIP

## Ensayo

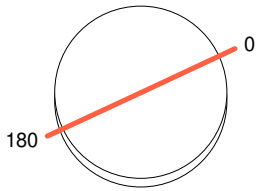
Código 05-8540-05-82

Nombre CLIP

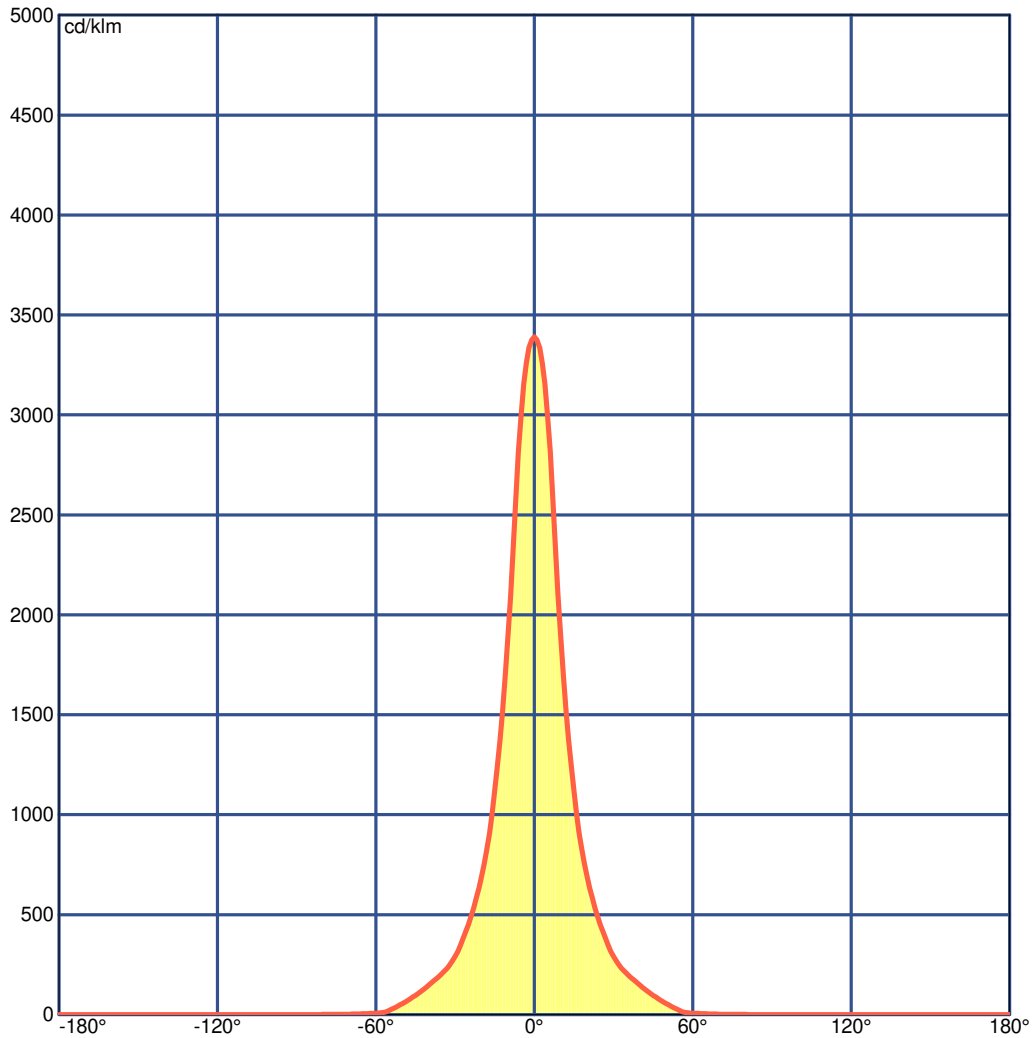
Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Diam=16mm

Semiplanos C



180.0 ————— 0.0



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Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

**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						Mista Lateral				
Dimensiones del Local						Vista Longitudinal				
x=2H y=2H	20.6	21.4	20.9	21.6	21.8	20.6	21.4	20.9	21.6	21.8
x=2H y=3H	20.5	21.2	20.8	21.4	21.6	20.5	21.2	20.8	21.4	21.6
x=2H y=4H	20.4	21.1	20.8	21.3	21.6	20.4	21.1	20.8	21.3	21.6
x=2H y=6H	20.4	20.9	20.7	21.2	21.5	20.4	20.9	20.7	21.2	21.5
x=2H y=8H	20.3	20.9	20.7	21.2	21.5	20.3	20.9	20.7	21.2	21.5
x=2H y=12H	20.3	20.8	20.6	21.1	21.4	20.3	20.8	20.6	21.1	21.4
x=4H y=2H	20.5	21.1	20.8	21.3	21.6	20.5	21.1	20.8	21.3	21.6
x=4H y=3H	20.3	20.9	20.7	21.2	21.5	20.3	20.9	20.7	21.2	21.5
x=4H y=4H	20.3	20.7	20.7	21.1	21.4	20.3	20.7	20.7	21.1	21.4
x=4H y=6H	20.2	20.6	20.6	20.9	21.3	20.2	20.6	20.6	20.9	21.3
x=4H y=8H	20.2	20.5	20.6	20.9	21.3	20.2	20.5	20.6	20.9	21.3
x=4H y=12H	20.1	20.4	20.6	20.8	21.2	20.1	20.4	20.6	20.8	21.2
x=8H y=4H	20.2	20.5	20.6	20.9	21.3	20.2	20.5	20.6	20.9	21.3
x=8H y=6H	20.1	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
x=8H y=8H	20.0	20.3	20.5	20.7	21.2	20.0	20.3	20.5	20.7	21.2
x=8H y=12H	20.0	20.2	20.5	20.6	21.1	20.0	20.2	20.5	20.6	21.1
x=12H y=4H	20.1	20.4	20.6	20.8	21.2	20.1	20.4	20.6	20.8	21.2
x=12H y=6H	20.0	20.3	20.5	20.7	21.2	20.0	20.3	20.5	20.7	21.2
x=12H y=8H	20.0	20.2	20.5	20.6	21.1	20.0	20.2	20.5	20.6	21.1

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 Nombre CLIP  
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Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Flujo Total= 53.03 Flujo Luminaria= 53.03

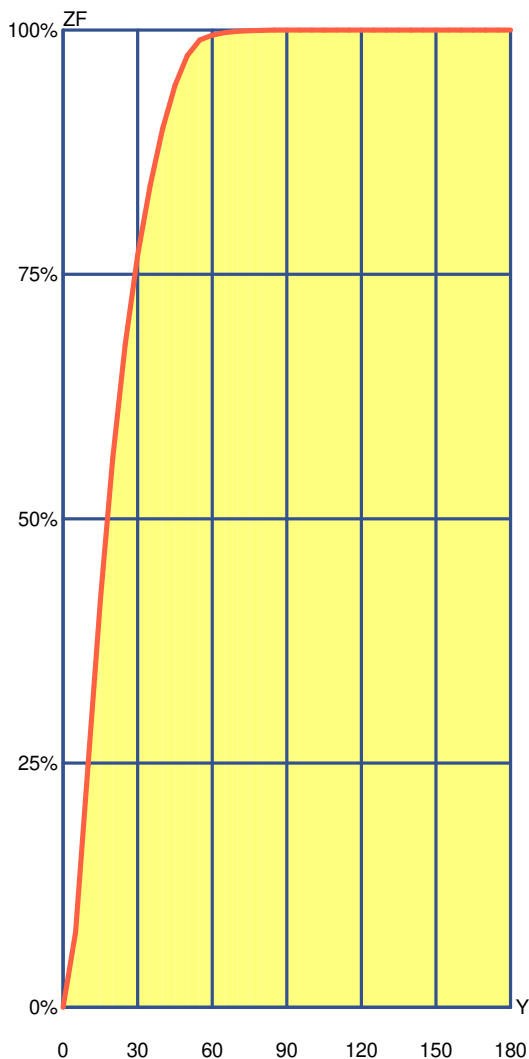
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.66	0.72	0.77	0.82	0.85	0.90	0.93	0.95	0.97	0.98	1.00	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	248	561	770	899	974	995	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.  
 91 99 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	100.00000 %
B NBN	BZ 1	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°	76.60	76.60	7.66 %	7.66 %
10°	170.98	247.58	17.10 %	24.76 %
15°	170.90	418.48	17.09 %	41.85 %
20°	142.98	561.46	14.30 %	56.15 %
25°	116.64	678.10	11.66 %	67.81 %
30°	91.68	769.78	9.17 %	76.98 %
35°	71.18	840.97	7.12 %	84.10 %
40°	58.29	899.25	5.83 %	89.93 %
45°	44.51	943.76	4.45 %	94.38 %
50°	30.11	973.87	3.01 %	97.39 %
55°	15.96	989.82	1.60 %	98.98 %
60°	5.09	994.92	0.51 %	99.49 %
65°	2.47	997.39	0.25 %	99.74 %
70°	1.39	998.78	0.14 %	99.88 %
75°	0.72	999.49	0.07 %	99.95 %
80°	0.35	999.84	0.03 %	99.98 %
85°	0.14	999.98	0.01 %	100.00 %
90°	0.02	1000.00	0.00 %	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 %

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## Ensayo

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Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

## Utilización CIE

Montaje	Directo		Normalización				Normalizados				Raz. de Susp.			1/3			CIE Estándar						
<b>Techo</b>																							
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	170	153	103	93	145	89	96	82	56	48	34	25	18	12	45	27	24	14	11	23	12	10	0
0.80	202	186	111	102	177	97	126	110	65	57	42	34	25	18	54	35	32	21	18	30	18	16	0
1.00	225	209	111	104	199	99	149	133	70	63	49	40	32	25	59	42	38	28	23	36	24	22	0
1.25	247	232	111	105	221	101	174	158	75	69	55	47	39	32	65	48	45	35	30	43	31	28	0
1.50	264	251	111	106	239	102	195	179	79	73	61	53	46	38	69	54	50	41	36	48	37	33	0
2.00	286	275	106	103	262	99	225	211	82	78	68	61	56	48	74	61	58	51	46	56	47	43	0
2.50	302	292	104	101	279	98	247	234	85	81	73	67	63	56	77	67	64	58	54	62	54	50	0
3.00	313	304	101	99	291	96	263	251	86	83	77	72	69	62	79	71	69	64	60	66	60	56	0
4.00	329	322	101	99	308	97	287	277	90	87	83	78	77	71	83	78	76	73	69	73	68	65	0
5.00	340	334	101	100	320	97	302	294	92	90	87	83	82	77	86	82	80	78	75	78	74	71	0
10.00	364	361	101	101	346	99	338	332	97	96	96	94	94	91	93	92	91	91	89	88	87	84	0
20.00	377	375	102	102	361	100	357	355	101	100	101	100	101	99	97	98	97	98	97	95	95	93	0
<b>Pared</b>																							
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	309	299	224	219	294	217	232	225	175	171	146	143	126	124	169	144	143	125	124	142	124	123	101
0.80	342	331	236	231	324	228	264	255	190	186	163	159	143	140	183	159	158	141	139	157	139	138	112
1.00	356	346	233	229	337	225	281	271	192	188	168	163	149	145	185	163	161	146	144	160	144	142	113
1.25	371	361	231	227	350	223	298	288	195	191	173	168	155	151	186	167	165	152	150	163	149	147	114
1.50	382	372	228	225	358	220	311	301	195	192	176	171	160	155	186	169	167	155	153	164	152	149	114
2.00	382	373	208	205	357	200	318	307	182	179	167	162	154	149	172	159	157	148	145	153	143	140	101
2.50	377	369	188	186	350	181	317	307	167	164	155	151	145	140	157	147	145	138	135	140	133	128	87
3.00	367	360	169	167	340	162	312	303	151	149	141	137	133	128	141	133	131	126	123	126	120	114	71
4.00	364	358	153	151	336	146	313	305	138	136	131	127	125	120	128	122	120	116	114	114	109	103	57
5.00	360	355	140	139	330	133	312	305	127	125	122	119	117	113	117	112	111	108	106	103	100	93	46
10.00	321	318	83	83	291	77	282	277	75	74	73	71	71	69	64	62	61	61	59	52	51	42	0
20.00	238	236	0	0	207	0	203	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>P.Trab.</b>																							
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	858	848	801	795	842	792	766	760	738	734	701	698	675	673	731	698	697	674	673	696	673	672	663
0.80	932	921	859	853	911	848	837	827	798	793	762	758	735	732	789	757	756	733	731	754	731	729	720
1.00	995	982	906	901	970	895	900	889	851	846	818	812	792	788	840	811	809	788	786	807	785	783	774
1.25	1000	1000	943	938	1000	932	953	941	893	888	863	857	839	833	881	855	853	834	831	849	830	826	817
1.50	1000	1000	969	964	1000	957	993	980	923	918	895	889	873	867	909	886	883	866	863	878	861	857	848
2.00	1000	1000	1000	1000	1000	995	1000	1000	969	964	948	941	929	922	954	936	934	921	917	927	913	907	899
2.50	1000	1000	1000	1000	1000	1000	1000	1000	997	993	980	974	966	958	982	967	965	955	951	956	946	938	931
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	992	984	1000	989	987	980	975	977	969	960
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	996	990
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	989
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

LM53 SHR C0-C180: 0.371 SHR C90-C270: 0.371 SHR Superficial: 0.424

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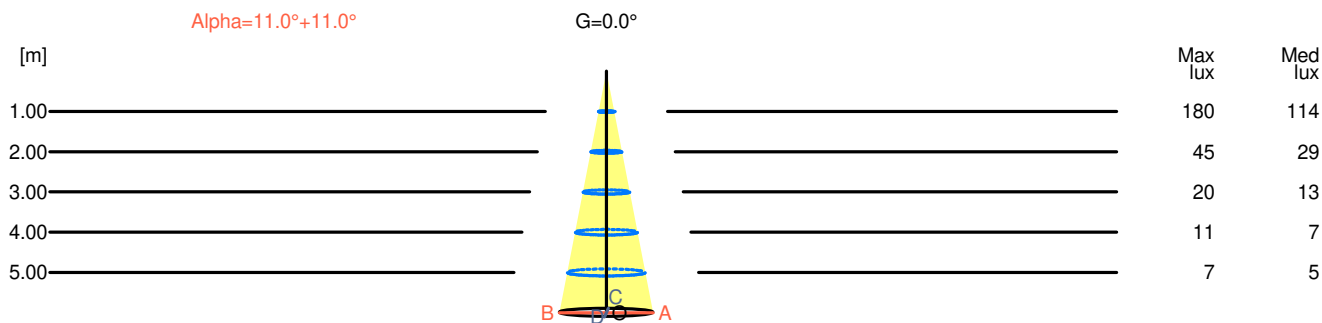
Nombre CLIP

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Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

### 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	0.19	0.39	0.58	0.78	0.97	OC	0.19	0.39	0.58	0.78	0.97
OB	0.19	0.39	0.58	0.78	0.97	OD	0.19	0.39	0.58	0.78	0.97

	Intensidades Luminosas [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	179.72	159.17	59.23	23.82	10.82	5.10	1.09	0.20	0.05	0.01
OB	179.72	159.17	59.23	23.82	10.82	5.10	1.09	0.20	0.05	0.01
OC	179.72	159.17	59.23	23.82	10.82	5.10	1.09	0.20	0.05	0.01
OD	179.72	159.17	59.23	23.82	10.82	5.10	1.09	0.20	0.05	0.01



H[m]	D[m]	Max lux	Med lux	Alpha=11.0°+11.0°	G=0.0
1.00	0.39	180	114		
2.00	0.78	45	29		
3.00	1.16	20	13		
4.00	1.55	11	7		
5.00	1.94	7	5		



# LEDS C4<sup>+</sup>

## Luminaria

Código 05-8540-05-82

Nombre CLIP

## Ensayo

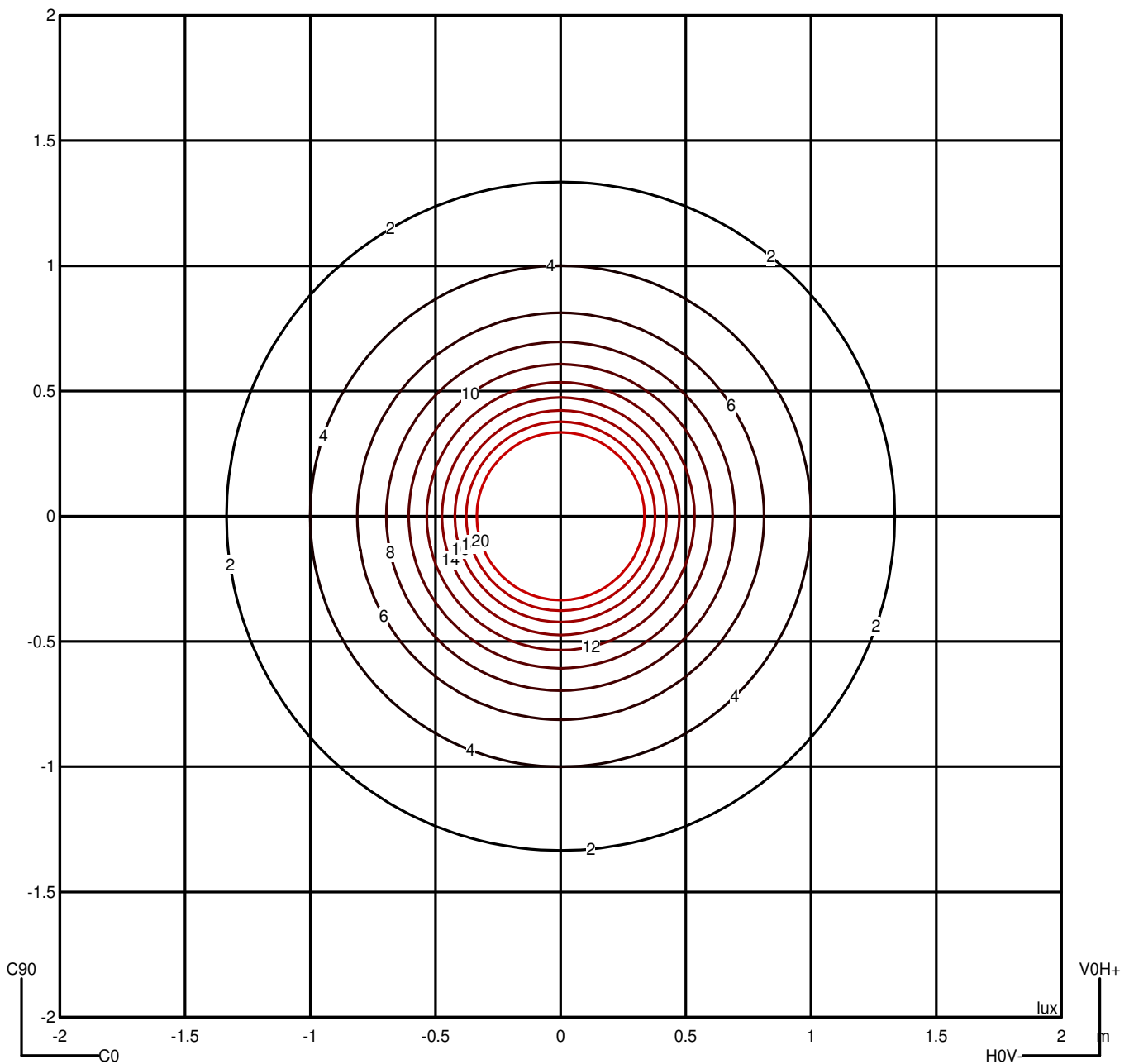
Código 05-8540-05-82

Nombre CLIP

Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Isolux (Suelo)

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



# LEDS C4<sup>2</sup>

## Luminaria

Código 05-8540-05-82

Nombre CLIP

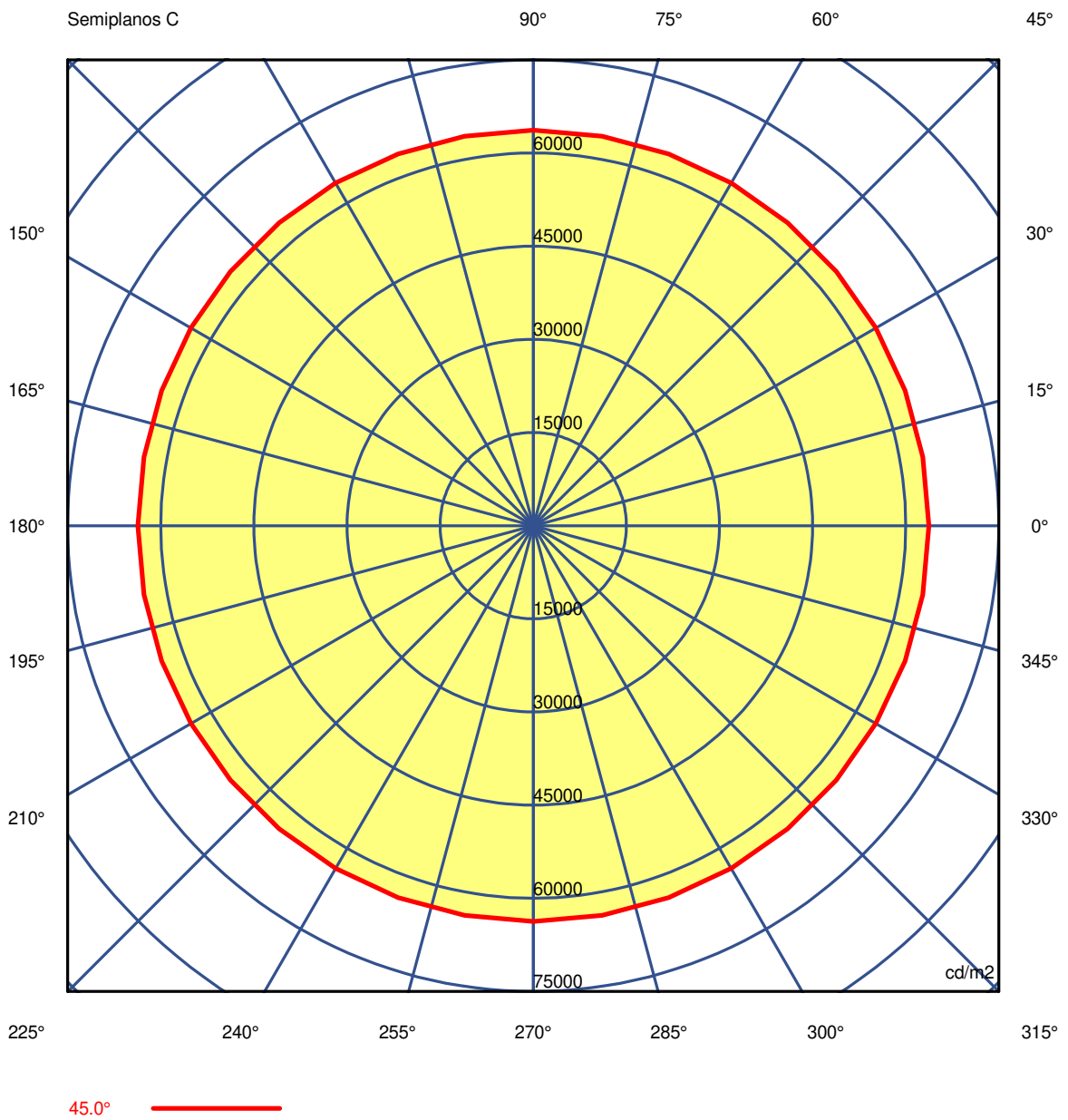
## Ensayo

Código 05-8540-05-82

Nombre CLIP

Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Luminancia



# LEDS C4<sup>+</sup>

## Luminaria

Código 05-8540-05-82

Nombre CLIP

## Ensayo

Código 05-8540-05-82

Nombre CLIP

Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

### 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	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45
G 5.0	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30
G 10.0	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97
G 15.0	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35
G 20.0	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27
G 25.0	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09
G 30.0	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68
G 35.0	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22
G 40.0	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78
G 45.0	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07
G 50.0	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33
G 55.0	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71
G 60.0	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91
G 65.0	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17
G 70.0	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98
G 75.0	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71
G 80.0	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36
G 85.0	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86
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

# LEDS C4<sup>+</sup>

## Luminaria

Código 05-8540-05-82

Nombre CLIP

## Ensayo

Código 05-8540-05-82

Nombre CLIP

Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

**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	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45
G 5.0	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30
G 10.0	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97
G 15.0	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35
G 20.0	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27
G 25.0	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09
G 30.0	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68
G 35.0	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22
G 40.0	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78
G 45.0	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07
G 50.0	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33
G 55.0	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71
G 60.0	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91
G 65.0	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17
G 70.0	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98
G 75.0	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71
G 80.0	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36
G 85.0	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86
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

# LEDS C4<sup>®</sup>

## Luminaria

Código 05-8540-05-82

Nombre CLIP

## Ensayo

Código 05-8540-05-82

Nombre CLIP

Flujo Luminaria	53.03 lm	Potencia luminaria	3.60 W	Eficacia	14.73 lm/W	Eficiencia	100.00%
Flujo Fuentes	53.03 lm	Valor Máximo	3389.03 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

### 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	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45	1589082.45
G 5.0	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30	1412724.30
G 10.0	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97	894793.97
G 15.0	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35	542201.35
G 20.0	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27	344246.27
G 25.0	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09	232432.09
G 30.0	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68	156719.68
G 35.0	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22	116804.22
G 40.0	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78	89798.78
G 45.0	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07	63715.07
G 50.0	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33	39880.33
G 55.0	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71	16743.71
G 60.0	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91	6227.91
G 65.0	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17	4138.17
G 70.0	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98	2618.98
G 75.0	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71	1693.71
G 80.0	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36	1113.36
G 85.0	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86	645.86
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00