

LEDS C4[®]

Luminaria

Código 25-A002-08-08_4000K

Nombre LEVELS

Ensayo

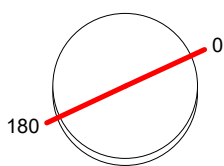
Código 25-A002-08-08_4000K

Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico
Luminaria Redonda		Diam.	215 mm	Altura	215 mm		
Área Luminosa Redonda		Diam.	115 mm	Altura	0 mm		
Área Luminosa Horizontal		0.010387 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°		0.002513 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Rotosimétrico	
Fecha		16-09-2022		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		566 lm	
Operador		qualitat		Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							

Fuentes de luz de la Luminaria						
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
C.I.E.	45 74 92 100 100		611.00	17.00	1	
F UTE	1.00 E					
		D DIN 5040 B NBN	A30 BZ 5			

Diam=215mm



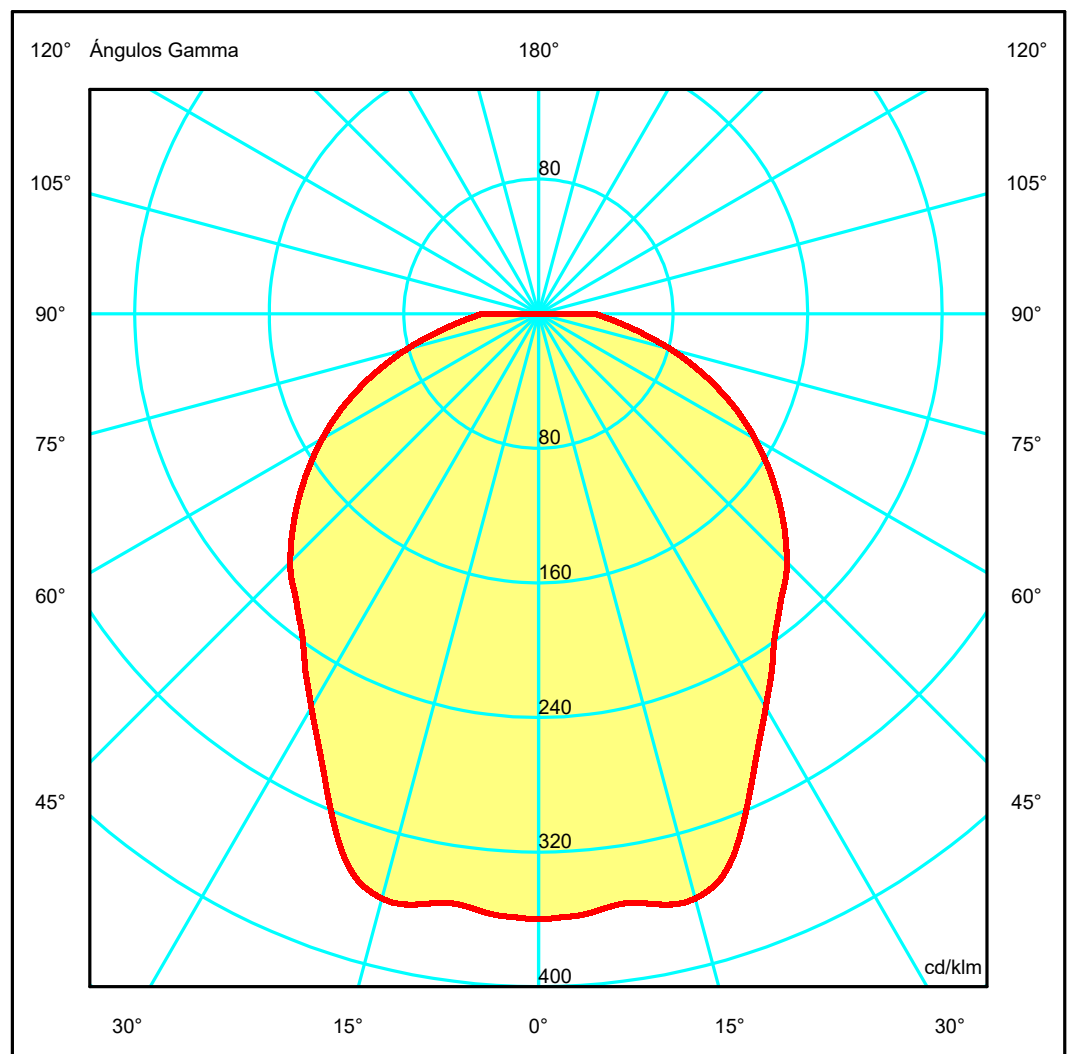
Semiplanos C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico

Tabla de Intensidad Luminosa cd/klm

Tabla 1/1

	C 0.00	C 0.00
G 0.0	359.90	G 46.0 205.08
G 1.0	359.65	G 47.0 201.32
G 2.0	359.07	G 48.0 197.44
G 3.0	358.65	G 49.0 193.48
G 4.0	358.30	G 50.0 189.56
G 5.0	357.39	G 51.0 185.56
G 6.0	356.09	G 52.0 181.54
G 7.0	354.80	G 53.0 177.39
G 8.0	354.03	G 54.0 173.34
G 9.0	354.39	G 55.0 169.26
G 10.0	355.64	G 56.0 165.13
G 11.0	357.34	G 57.0 160.99
G 12.0	359.06	G 58.0 156.84
G 13.0	360.29	G 59.0 152.79
G 14.0	360.52	G 60.0 148.57
G 15.0	359.84	G 61.0 144.35
G 16.0	358.31	G 62.0 140.07
G 17.0	355.87	G 63.0 135.68
G 18.0	352.41	G 64.0 131.23
G 19.0	347.22	G 65.0 126.74
G 20.0	340.88	G 66.0 122.15
G 21.0	333.55	G 67.0 117.54
G 22.0	325.58	G 68.0 113.01
G 23.0	317.66	G 69.0 108.43
G 24.0	309.54	G 70.0 103.82
G 25.0	301.86	G 71.0 99.19
G 26.0	294.52	G 72.0 94.69
G 27.0	287.97	G 73.0 90.22
G 28.0	281.75	G 74.0 85.73
G 29.0	275.81	G 75.0 81.24
G 30.0	270.18	G 76.0 76.82
G 31.0	264.58	G 77.0 72.50
G 32.0	259.43	G 78.0 68.27
G 33.0	254.17	G 79.0 64.22
G 34.0	248.89	G 80.0 60.36
G 35.0	243.46	G 81.0 56.70
G 36.0	238.61	G 82.0 53.24
G 37.0	234.40	G 83.0 50.02
G 38.0	230.75	G 84.0 47.01
G 39.0	227.32	G 85.0 44.27
G 40.0	223.88	G 86.0 41.79
G 41.0	220.81	G 87.0 39.44
G 42.0	218.08	G 88.0 37.33
G 43.0	215.43	G 89.0 35.43
G 44.0	212.30	G 90.0 33.78
G 45.0	208.77	

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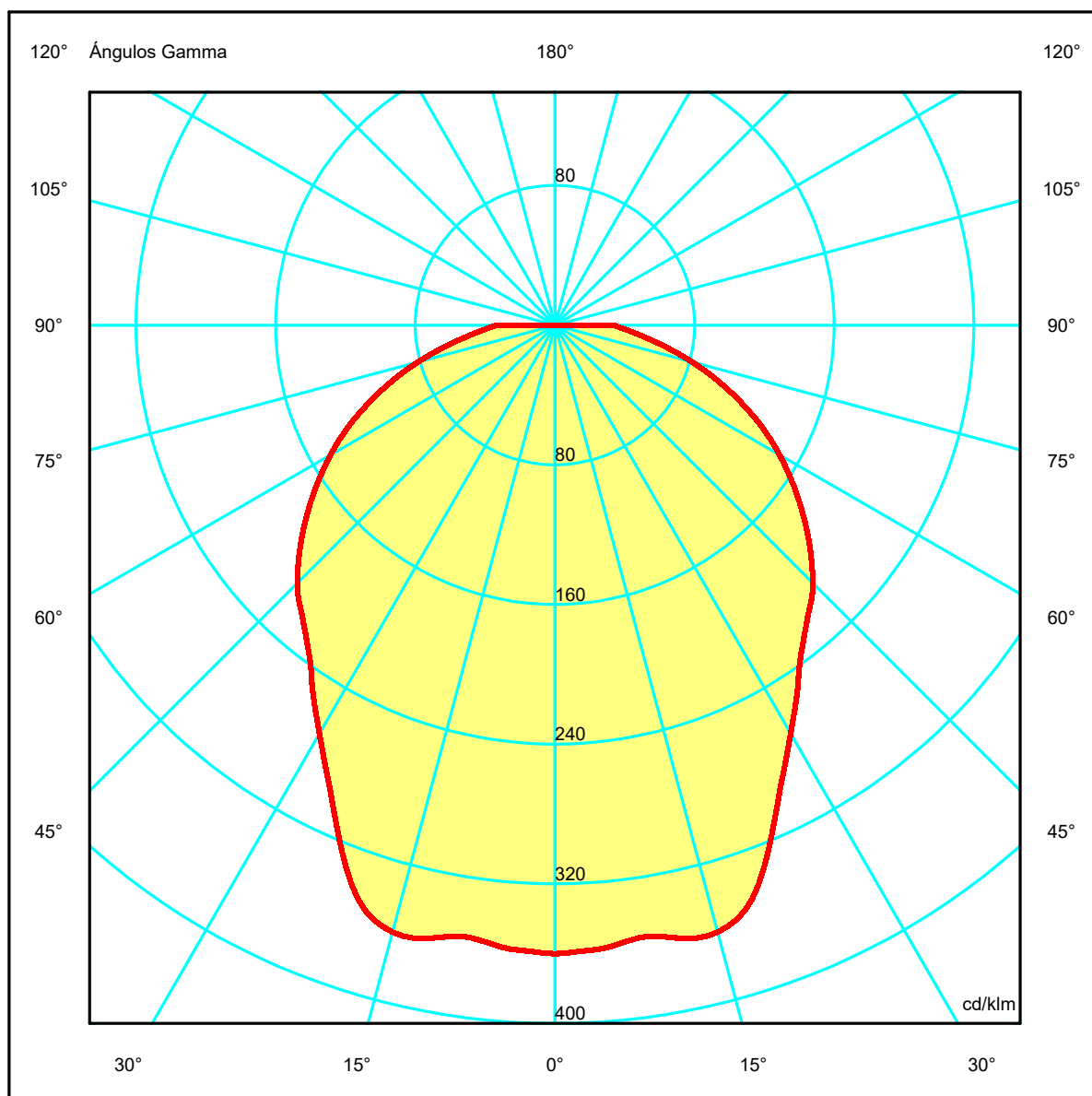
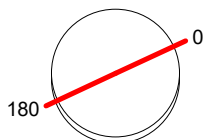
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Diam=215mm

Semiplanos C

180.0 ————— 0.0



LEDS C4²

Luminaria

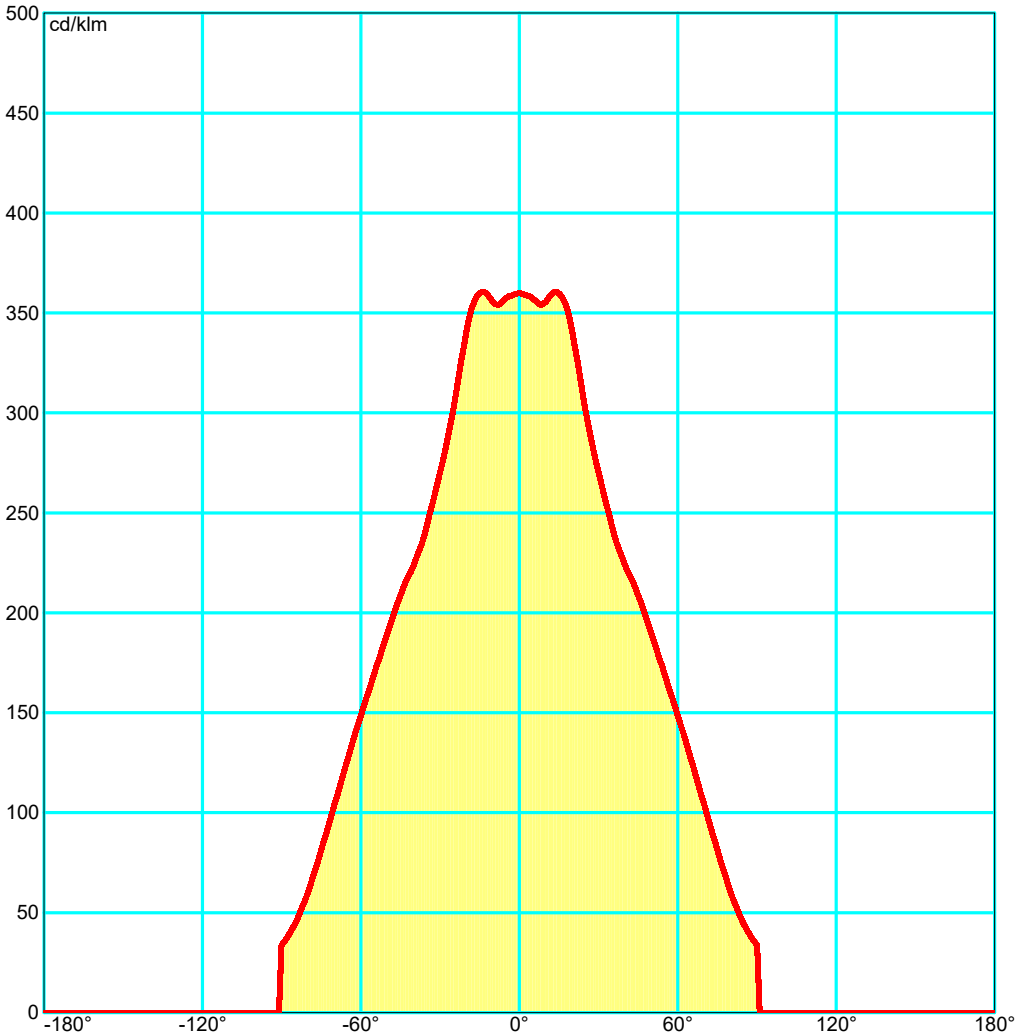
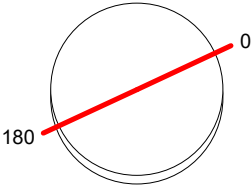
Código 25-A002-08-08_4000K
Nombre LEVELS
Ensayo
Código 25-A002-08-08_4000K
Nombre LEVELS

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Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico

Diam=215mm

Semiplanos C

180.0 0.0



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Luminaria

Código 25-A002-08-08_4000K

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Ensayo

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Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	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						Vista Longitudinal				
x=2H y=2H	22.4	23.8	22.7	24.0	24.3	22.4	23.8	22.7	24.0	24.3
x=2H y=3H	24.3	25.6	24.6	25.8	26.1	24.3	25.6	24.6	25.8	26.1
x=2H y=4H	25.2	26.4	25.5	26.7	27.0	25.2	26.4	25.5	26.7	27.0
x=2H y=6H	26.0	27.1	26.4	27.4	27.8	26.0	27.1	26.4	27.4	27.8
x=2H y=8H	26.4	27.5	26.8	27.8	28.1	26.4	27.5	26.8	27.8	28.1
x=2H y=12H	26.9	27.9	27.2	28.2	28.6	26.9	27.9	27.2	28.2	28.6
x=4H y=2H	23.2	24.4	23.5	24.6	24.9	23.2	24.4	23.5	24.6	24.9
x=4H y=3H	25.3	26.3	25.7	26.6	27.0	25.3	26.3	25.7	26.6	27.0
x=4H y=4H	26.3	27.3	26.7	27.6	28.0	26.3	27.3	26.7	27.6	28.0
x=4H y=6H	27.3	28.1	27.7	28.5	28.9	27.3	28.1	27.7	28.5	28.9
x=4H y=8H	27.8	28.6	28.3	29.0	29.4	27.8	28.6	28.3	29.0	29.4
x=4H y=12H	28.4	29.1	28.8	29.5	29.9	28.4	29.1	28.8	29.5	29.9
x=8H y=4H	26.8	27.5	27.2	27.9	28.3	26.8	27.5	27.2	27.9	28.3
x=8H y=6H	28.0	28.6	28.5	29.0	29.5	28.0	28.6	28.5	29.0	29.5
x=8H y=8H	28.6	29.2	29.1	29.6	30.1	28.6	29.2	29.1	29.6	30.1
x=8H y=12H	29.4	29.9	29.9	30.3	30.8	29.4	29.9	29.9	30.3	30.8
x=12H y=4H	26.8	27.5	27.3	27.9	28.4	26.8	27.5	27.3	27.9	28.4
x=12H y=6H	28.2	28.7	28.6	29.1	29.6	28.2	28.7	28.6	29.1	29.6
x=12H y=8H	28.9	29.4	29.4	29.8	30.3	28.9	29.4	29.4	29.8	30.3

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Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico

Flujo Total=611.00 Flujo Luminaria=611.00

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	0.29	0.37	0.44	0.51	0.56	0.65	0.70	0.75	0.80	0.83	0.91	0.95
RC	5	5	5	5	6	6	6	6	6	6	6	6

Flujo Zonal por 1000 Lúmenes

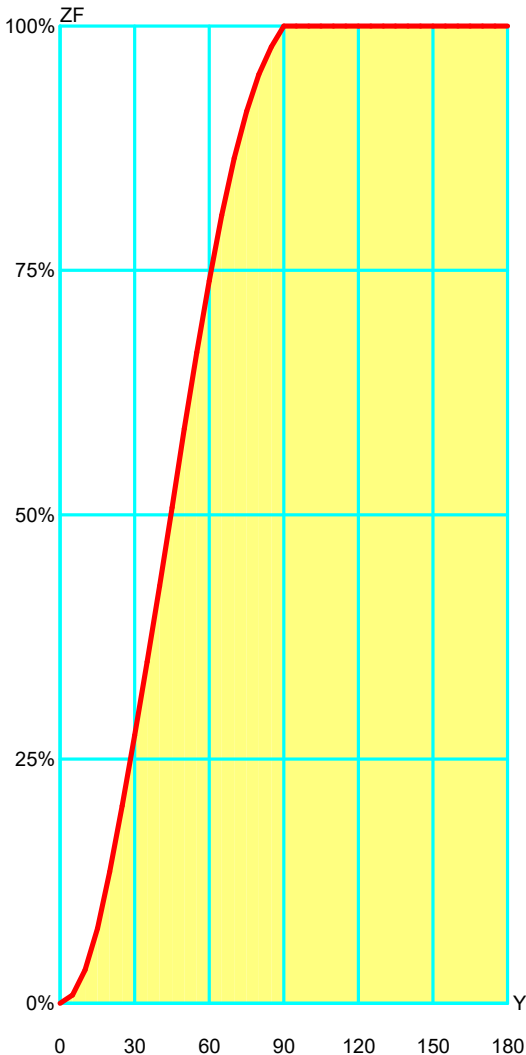
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	34	135	274	427	588	739	865	951	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

45 74 92 100 100

C.I.E. 5/5/5/5/6/6/6/6/6/6/6
D DIN 5040 A30
F UTE 1.00 E
B NBN BZ 5
RN 0.00000 %
BLF 1.0

LOR 100.00000 %
ULOR 0.00000 %
DLOR 100.00000 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.57	8.57	0.86 %	0.86 %
10°	25.40	33.97	2.54 %	3.40 %
15°	42.61	76.58	4.26 %	7.66 %
20°	58.09	134.67	5.81 %	13.47 %
25°	67.31	201.98	6.73 %	20.20 %
30°	72.08	274.06	7.21 %	27.41 %
35°	75.54	349.60	7.55 %	34.96 %
40°	77.67	427.27	7.77 %	42.73 %
45°	80.17	507.44	8.02 %	50.74 %
50°	80.49	587.93	8.05 %	58.79 %
55°	77.99	665.92	7.80 %	66.59 %
60°	73.43	739.35	7.34 %	73.93 %
65°	66.96	806.31	6.70 %	80.63 %
70°	58.35	864.65	5.83 %	86.47 %
75°	48.31	912.97	4.83 %	91.30 %
80°	37.72	950.69	3.77 %	95.07 %
85°	28.17	978.86	2.82 %	97.89 %
90°	21.14	1000.00	2.11 %	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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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	219	197	173	156	187	149	112	95	88	75	47	35	17	12	70	38	33	14	11	32	12	10	0
0.80	254	233	187	172	222	164	141	123	102	89	57	45	23	17	84	47	43	20	16	41	17	15	0
1.00	278	259	190	178	246	170	164	147	109	98	64	53	29	22	92	55	50	25	21	48	22	19	0
1.25	299	282	189	179	268	172	188	171	115	105	71	60	35	28	99	61	57	31	27	54	28	25	0
1.50	314	298	186	177	284	171	207	190	118	109	76	66	41	34	103	67	63	37	33	60	33	30	0
2.00	332	319	176	170	304	164	235	220	119	113	82	74	50	43	107	74	70	46	42	67	42	39	0
2.50	344	333	168	163	318	158	256	242	120	114	86	79	58	51	108	79	76	53	49	73	49	46	0
3.00	352	342	161	157	327	153	271	259	119	114	89	83	63	57	109	83	80	59	55	77	55	52	0
4.00	362	355	152	149	340	146	293	283	118	115	94	88	71	66	110	88	85	67	64	82	63	60	0
5.00	369	363	146	144	348	141	308	299	117	115	96	92	77	72	110	91	89	73	70	86	69	66	0
10.00	383	380	131	130	364	127	341	335	114	113	102	100	90	87	110	98	97	87	85	94	84	81	0
20.00	389	388	121	120	372	119	359	356	112	111	105	104	98	97	108	102	101	95	94	99	93	90	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	473	461	415	407	455	402	358	350	325	319	272	268	234	232	316	268	267	233	232	266	232	232	212
0.80	537	524	459	451	515	445	419	410	371	365	318	313	279	276	361	313	311	277	276	310	276	275	251
1.00	581	568	486	478	557	471	464	454	403	397	352	346	312	309	391	345	343	309	308	341	308	306	279
1.25	622	609	508	501	595	494	508	497	431	425	383	377	344	341	418	376	374	341	339	370	339	337	307
1.50	652	641	523	518	624	510	542	531	453	447	407	401	370	366	439	399	397	366	364	393	363	360	328
2.00	687	677	536	531	658	523	586	575	475	471	436	430	402	398	462	427	425	397	395	420	393	389	353
2.50	710	702	543	540	680	531	616	606	490	486	455	450	424	420	476	446	444	419	416	438	414	409	370
3.00	726	718	547	544	695	536	638	628	500	496	468	464	440	436	486	458	456	434	431	450	428	423	382
4.00	754	748	559	557	723	549	675	666	519	517	493	489	469	465	506	482	481	461	459	473	455	449	405
5.00	775	770	570	568	744	560	702	695	535	533	512	509	491	487	521	501	500	483	481	492	475	469	423
10.00	830	827	601	600	797	593	772	768	578	577	564	562	550	548	565	552	551	540	539	542	531	522	472
20.00	864	862	622	621	831	614	817	814	606	605	598	596	590	588	593	586	585	579	578	574	568	558	506

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	586	573	547	537	565	531	448	440	432	426	364	359	315	313	422	360	358	314	313	357	313	312	295
0.80	690	675	635	625	663	617	544	534	519	512	449	443	397	394	506	443	440	394	393	438	393	391	373
1.00	771	756	703	694	741	683	625	613	591	583	521	514	468	464	575	513	510	464	462	507	462	460	441
1.25	849	834	765	756	814	745	703	690	659	651	592	584	539	534	640	582	579	534	532	574	531	528	509
1.50	907	892	810	802	869	790	765	751	710	703	647	639	595	589	690	635	632	589	586	626	584	581	563
2.00	992	979	874	868	951	855	859	845	787	781	731	723	684	677	766	717	714	676	672	706	669	664	647
2.50	1000	1000	914	909	1000	896	923	909	837	832	788	780	745	738	815	772	769	735	731	760	727	720	704
3.00	1000	1000	942	938	1000	924	970	957	873	868	829	822	789	783	850	812	809	778	775	798	769	760	745
4.00	1000	1000	976	973	1000	959	1000	1000	918	913	880	874	847	840	894	863	860	834	830	847	822	812	798
5.00	1000	1000	996	994	1000	980	1000	1000	945	942	913	908	884	878	922	894	892	869	866	878	856	844	831
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	986	983	968	964	981	965	964	950	948	946	933	918	906
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	996	986	979	961	949

LM53 SHR C0-C180: 1.132 SHR C90-C270: 1.132 SHR Superficial: 1.272

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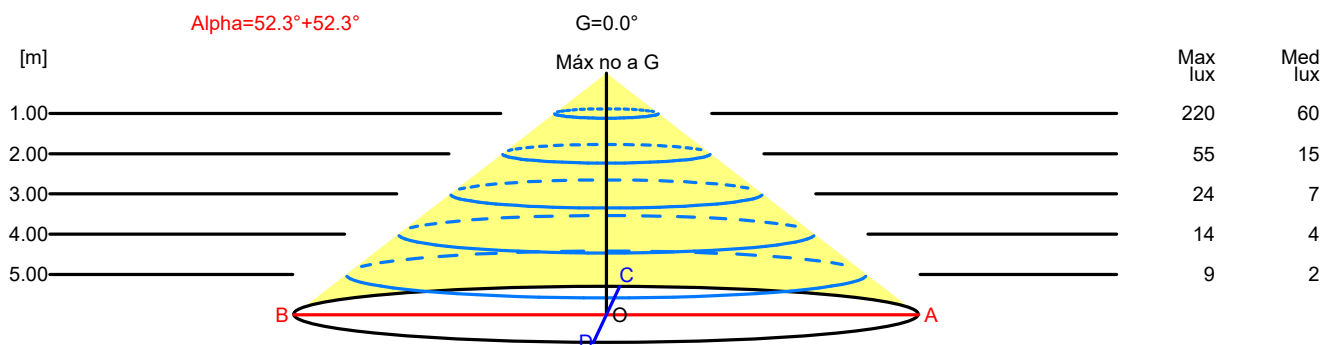
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Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico

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	1.29	2.59	3.88	5.18	6.47	OC	1.29	2.59	3.88	5.18	6.47
OB	1.29	2.59	3.88	5.18	6.47	OD	1.29	2.59	3.88	5.18	6.47

	0	5	15	25	35	45	55	65	75	85
OA	219.90	218.37	219.86	184.44	148.75	127.56	103.42	77.44	49.64	27.05
OB	219.90	218.37	219.86	184.44	148.75	127.56	103.42	77.44	49.64	27.05
OC	219.90	218.37	219.86	184.44	148.75	127.56	103.42	77.44	49.64	27.05
OD	219.90	218.37	219.86	184.44	148.75	127.56	103.42	77.44	49.64	27.05



H[m]	D[m]	Max lux	Med lux	Alpha=52.3°+52.3°	G=0.0 Máx no a G
1.00	2.59	220	60		
2.00	5.18	55	15		
3.00	7.77	24	7		
4.00	10.35	14	4		
5.00	12.94	9	2		

LEDS C4⁺

Luminaria

Código 25-A002-08-08_4000K

Nombre LEVELS

Ensayo

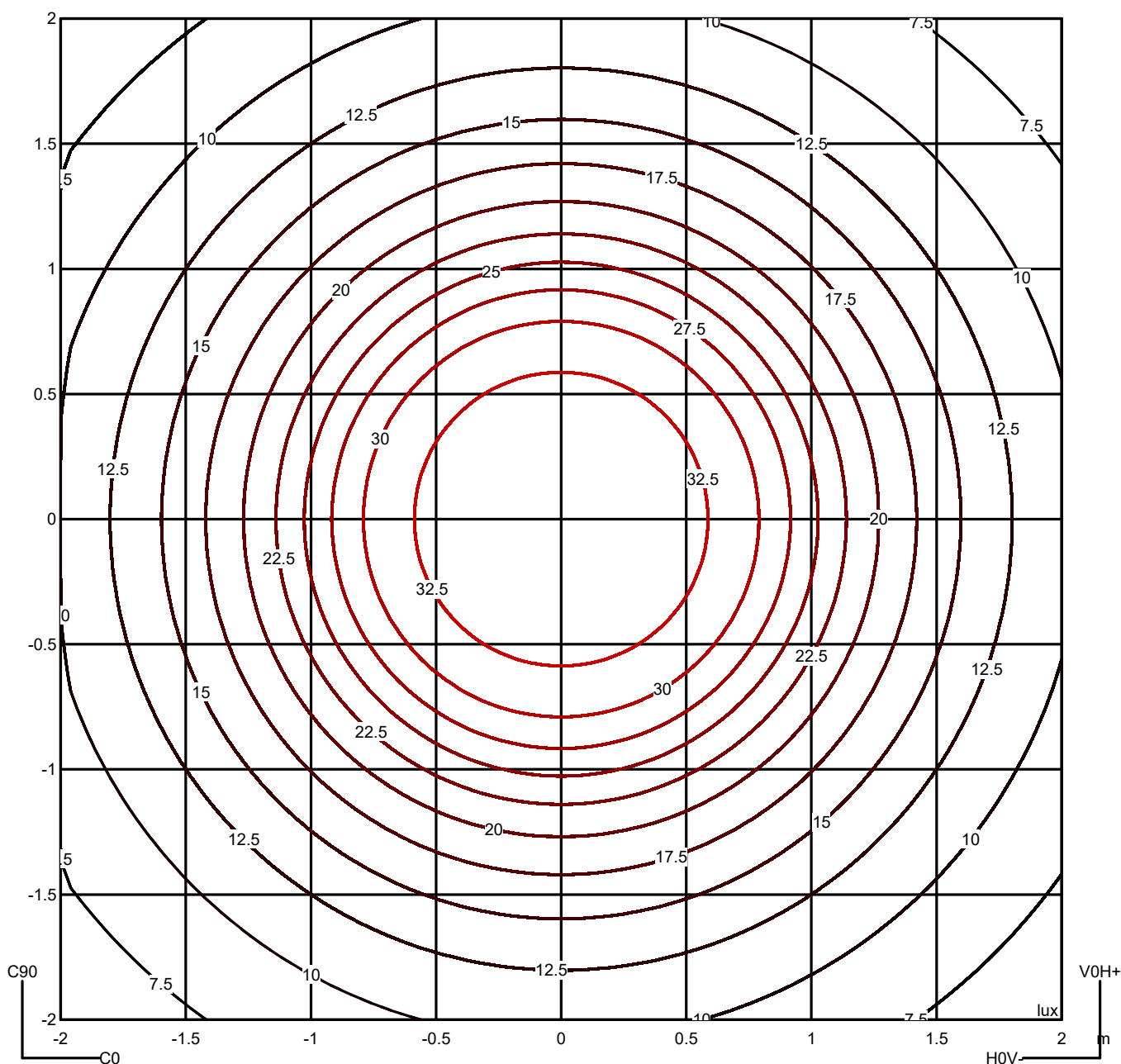
Código 25-A002-08-08_4000K

Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico

Isolux (Suelo)

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



LEDS C4⁺

Luminaria

Código 25-A002-08-08_4000K

Nombre LEVELS

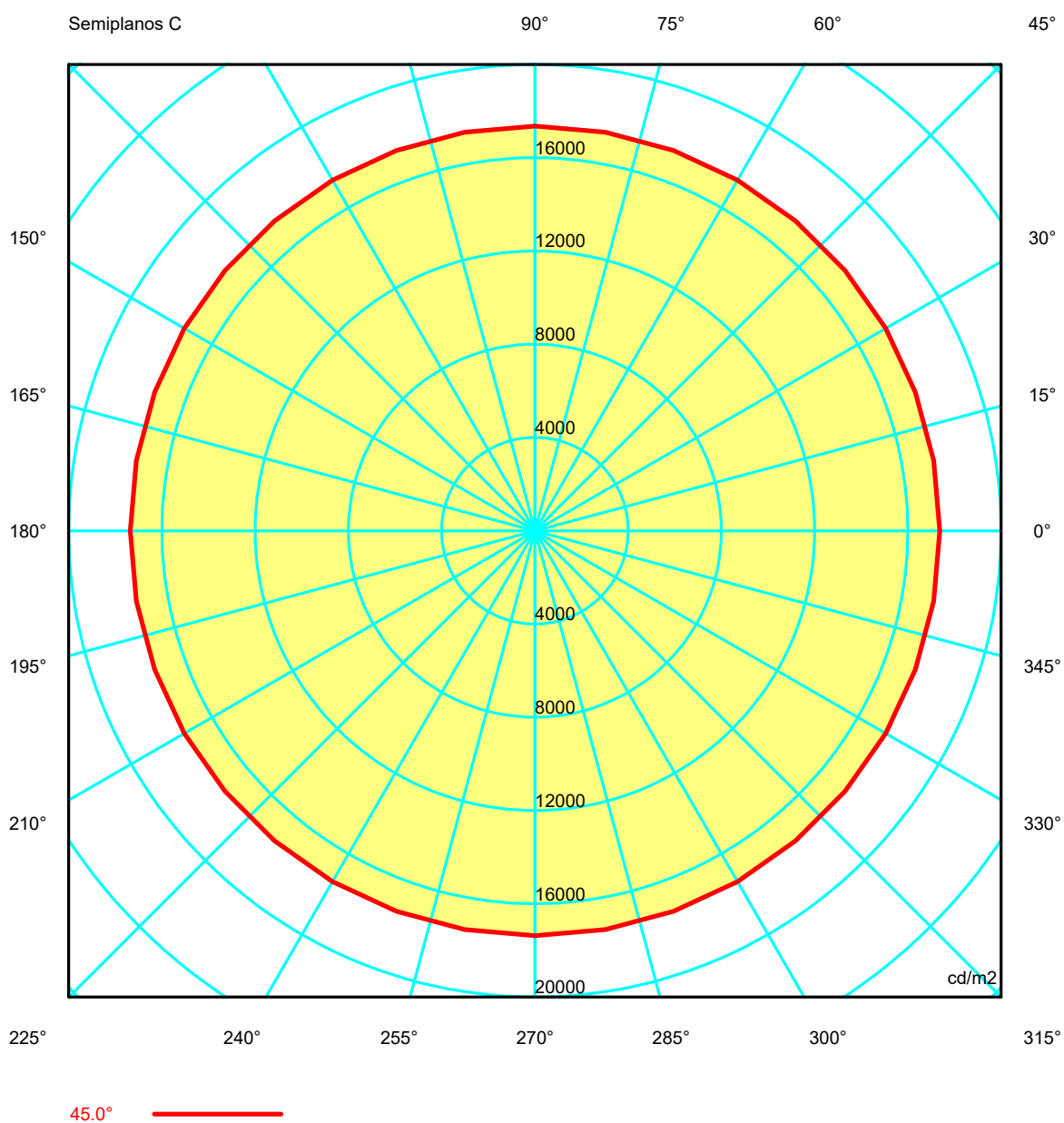
Ensayo

Código 25-A002-08-08_4000K

Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico

Luminancia



LEDS C4[®]

Luminaria

Código 25-A002-08-08_4000K
Nombre LEVELS

Ensayo

Código 25-A002-08-08_4000K
Nombre LEVELS

Flujo Luminaria		611 lm		Potencia Luminaria		17.0 W		Eficacia		35.941 lm/W		Eficiencia		100.00%	
Flujo Fuente		611 lm		Valor Máximo		360.52 cd/klm		Posición		C=0.00 G=14.00		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	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71
G 5.0	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44
G 10.0	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03
G 15.0	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24
G 20.0	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06
G 25.0	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49
G 30.0	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59
G 35.0	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99
G 40.0	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46
G 45.0	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92
G 50.0	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10
G 55.0	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85
G 60.0	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38
G 65.0	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63
G 70.0	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39
G 75.0	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92
G 80.0	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47
G 85.0	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83
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	0.00	0.00

LEDS C4²

Luminaria

Código 25-A002-08-08_4000K
Nombre LEVELS

Ensayo

Código 25-A002-08-08_4000K
Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	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	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71
G 5.0	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44
G 10.0	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03
G 15.0	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24
G 20.0	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06
G 25.0	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49
G 30.0	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59
G 35.0	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99
G 40.0	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46
G 45.0	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92
G 50.0	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10
G 55.0	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85
G 60.0	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38
G 65.0	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63
G 70.0	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39
G 75.0	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92
G 80.0	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47
G 85.0	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83
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 C4²

Luminaria

Código 25-A002-08-08_4000K
Nombre LEVELS

Ensayo

Código 25-A002-08-08_4000K
Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	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	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71	21170.71
G 5.0	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44	21103.44
G 10.0	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03	21243.03
G 15.0	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24	21914.24
G 20.0	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06	21339.06
G 25.0	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49	19592.49
G 30.0	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59
G 35.0	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99	17482.99
G 40.0	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46	17191.46
G 45.0	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92	17367.92
G 50.0	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10	17347.10
G 55.0	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85	17358.85
G 60.0	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38	17479.38
G 65.0	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63	17640.63
G 70.0	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39	17855.39
G 75.0	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92	18464.92
G 80.0	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47	20448.47
G 85.0	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83	29879.83
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LEDS C4[®]

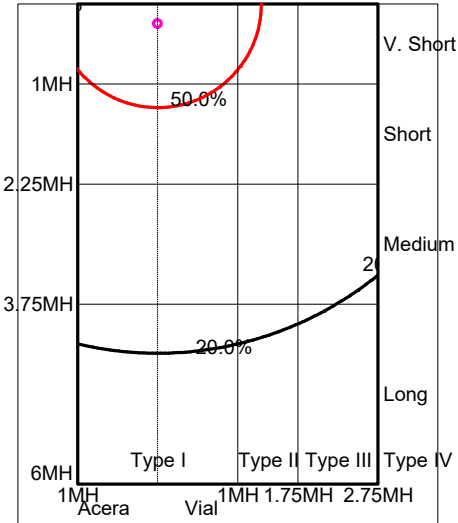
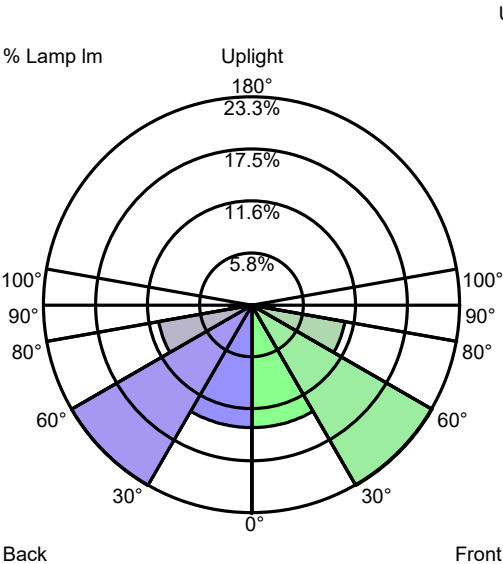
Luminaria

Código 25-A002-08-08_4000K
Nombre LEVELS

Ensayo

Código 25-A002-08-08_4000K
Nombre LEVELS

Flujo Luminaria	611 lm	Potencia Luminaria	17.0 W	Eficacia	35.941 lm/W	Eficiencia	100.00%
Flujo Fuente	611 lm	Valor Máximo	360.52 cd/klm	Posición	C=0.00 G=14.00	CG	Rotosimétrico



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	83.7 lm	13.7 % 13.7 %
FM	30° -- 60°	142.2 lm	23.3 % 23.3 %
FH	60° -- 80°	64.6 lm	10.6 % 10.6 %
FVH	80° -- 90°	15.0 lm	2.5 % 2.5 %
BL	0° -- 30°	83.7 lm	13.7 % 13.7 %
BM	30° -- 60°	142.2 lm	23.3 % 23.3 %
BH	60° -- 80°	64.6 lm	10.6 % 10.6 %
BVH	80° -- 90°	15.0 lm	2.5 % 2.5 %
UL	90° -- 100°	0.0 lm	0.0 % 0.0 %
UH	100° -- 180°	0.0 lm	0.0 % 0.0 %
TOTALS		611.0 lm	100.0 % 100.0 %
BUG B0 U0 G1 Type V Very Short Quadrilateral Symmetry			