

Luminaria

Código 15-A126-05-F9_2700K

Nombre SPARK

Ensayo

Código 15-A126-05-F9_2700K

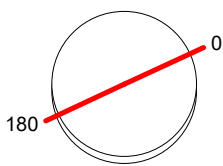
Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	CG	Rotosimétrico
Luminaria Redonda		Diam.	233 mm	Altura	80 mm		
Área Luminosa Redonda		Diam.	233 mm	Altura	52 mm		
Área Luminosa Horizontal		0.042638 m2		Área Emisión sobre Pl. 180°		0.012116 m2	
Área Emisión sobre Pl. 0°		0.012116 m2		Área Emisión sobre Pl. 270°		0.012116 m2	
Área Emisión sobre Pl. 90°		0.012116 m2		Área de deslumbramiento a 76°		0.022071 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Rotosimétrico	
Fecha		14-09-2022		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		652 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.	35 63 85 100 100	D DIN 5040	635.58	16.00	1
F UTE	1.00 H	B NBN	A20 BZ 6		

Diam=233mm



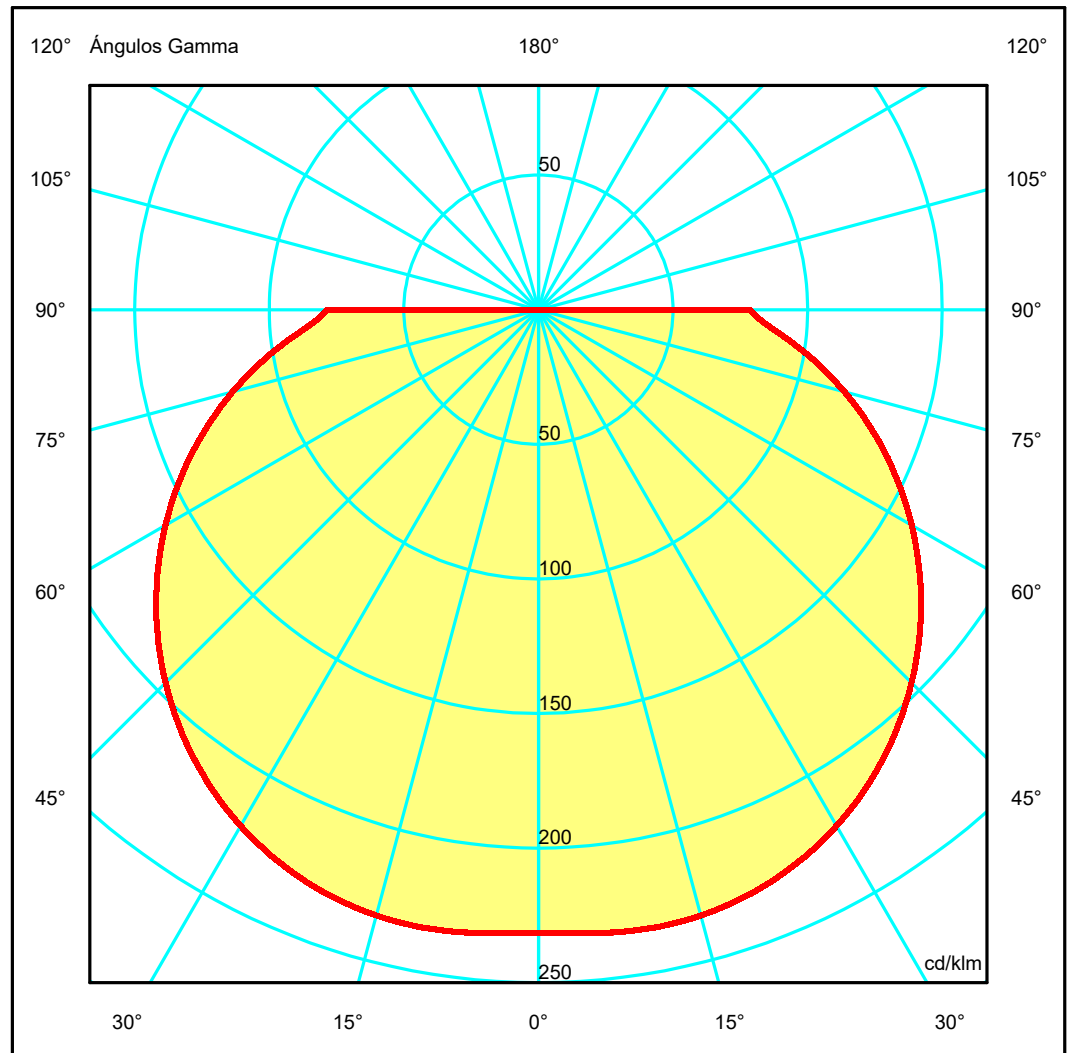
Semiplanos C

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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Tabla de Intensidad Luminosa cd/klm
Tabla 1/1

	C 0.00	C 0.00
G 0.0	231.63	G 46.0 193.90
G 1.0	231.62	G 47.0 191.72
G 2.0	231.71	G 48.0 189.52
G 3.0	231.86	G 49.0 187.29
G 4.0	232.12	G 50.0 184.95
G 5.0	232.43	G 51.0 182.71
G 6.0	232.72	G 52.0 180.25
G 7.0	232.99	G 53.0 177.94
G 8.0	233.18	G 54.0 175.42
G 9.0	233.35	G 55.0 173.03
G 10.0	233.43	G 56.0 170.46
G 11.0	233.48	G 57.0 167.93
G 12.0	233.43	G 58.0 165.37
G 13.0	233.35	G 59.0 162.70
G 14.0	233.16	G 60.0 160.14
G 15.0	232.94	G 61.0 157.38
G 16.0	232.62	G 62.0 154.78
G 17.0	232.26	G 63.0 151.96
G 18.0	231.82	G 64.0 149.28
G 19.0	231.31	G 65.0 146.48
G 20.0	230.76	G 66.0 143.70
G 21.0	230.08	G 67.0 140.89
G 22.0	229.42	G 68.0 138.02
G 23.0	228.60	G 69.0 135.21
G 24.0	227.81	G 70.0 132.26
G 25.0	226.86	G 71.0 129.44
G 26.0	225.93	G 72.0 126.47
G 27.0	224.87	G 73.0 123.62
G 28.0	223.77	G 74.0 120.64
G 29.0	222.62	G 75.0 117.72
G 30.0	221.36	G 76.0 114.74
G 31.0	220.12	G 77.0 111.74
G 32.0	218.71	G 78.0 108.79
G 33.0	217.37	G 79.0 105.77
G 34.0	215.83	G 80.0 102.85
G 35.0	214.36	G 81.0 99.82
G 36.0	212.73	G 82.0 96.90
G 37.0	211.11	G 83.0 93.91
G 38.0	209.41	G 84.0 91.00
G 39.0	207.62	G 85.0 88.19
G 40.0	205.86	G 86.0 85.62
G 41.0	203.91	G 87.0 83.34
G 42.0	202.08	G 88.0 81.38
G 43.0	200.01	G 89.0 79.79
G 44.0	198.08	G 90.0 78.51
G 45.0	195.95	

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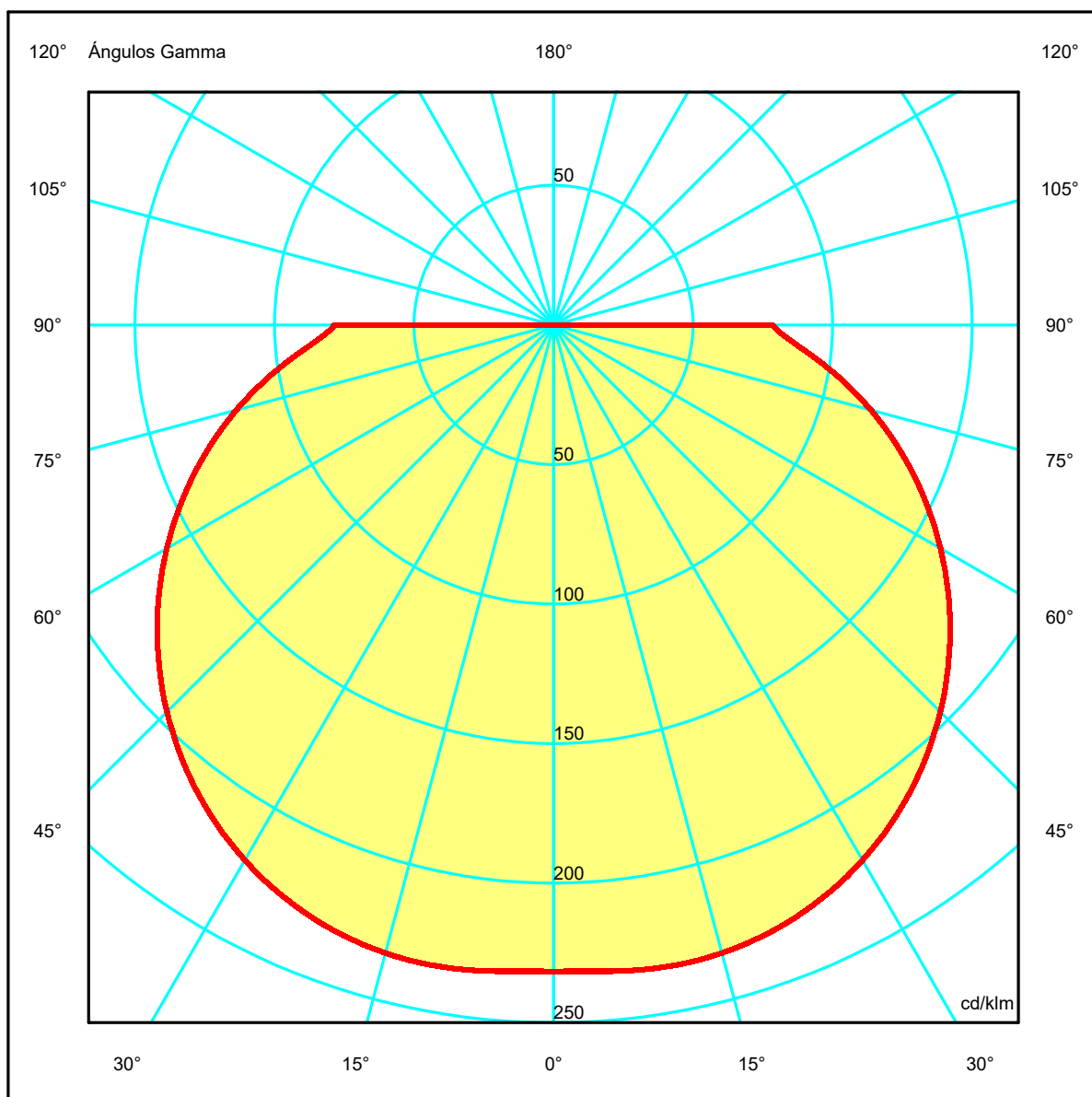
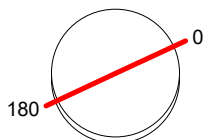
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Diam=233mm

Semiplanos C

180.0  0.0



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Nombre SPARK

Ensayo

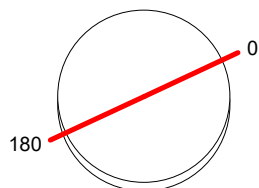
Código 15-A126-05-F9_2700K

Nombre SPARK

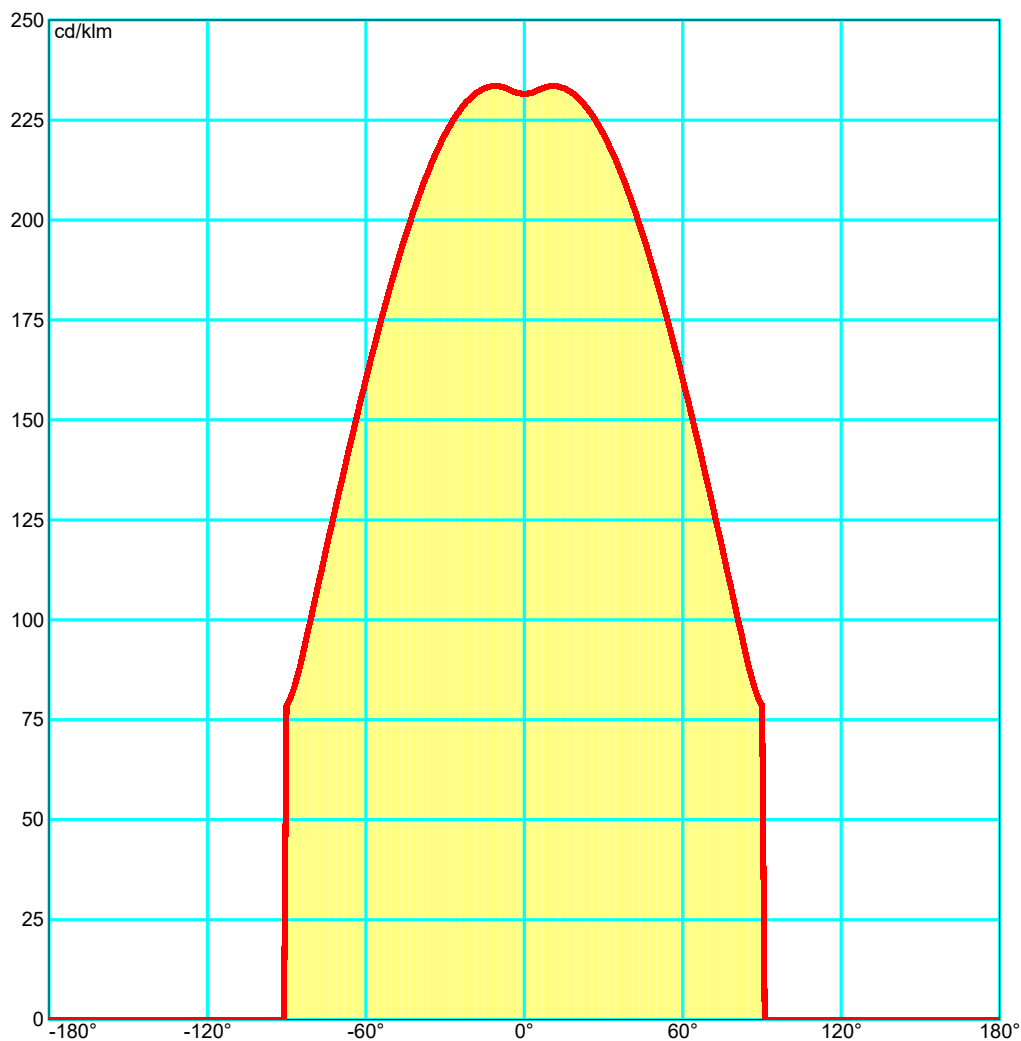
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Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	CG	Rotosimétrico

Diam=233mm

Semiplanos C



180.0 ————— 0.0



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Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	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						Vista Longitudinal				
	Mista Lateral									
x=2H y=2H	16.6	18.1	16.9	18.4	18.6	16.6	18.1	16.9	18.4	18.6
x=2H y=3H	18.7	20.2	19.1	20.4	20.7	18.7	20.2	19.1	20.4	20.7
x=2H y=4H	19.8	21.2	20.2	21.5	21.8	19.8	21.2	20.2	21.5	21.8
x=2H y=6H	20.8	22.1	21.2	22.4	22.8	20.8	22.1	21.2	22.4	22.8
x=2H y=8H	21.3	22.6	21.7	22.9	23.2	21.3	22.6	21.7	22.9	23.2
x=2H y=12H	21.8	23.0	22.2	23.3	23.7	21.8	23.0	22.2	23.3	23.7
x=4H y=2H	17.4	18.8	17.8	19.1	19.4	17.4	18.8	17.8	19.1	19.4
x=4H y=3H	19.8	21.0	20.2	21.3	21.7	19.8	21.0	20.2	21.3	21.7
x=4H y=4H	21.0	22.1	21.4	22.5	22.8	21.0	22.1	21.4	22.5	22.8
x=4H y=6H	22.2	23.2	22.7	23.6	24.0	22.2	23.2	22.7	23.6	24.0
x=4H y=8H	22.8	23.7	23.3	24.1	24.6	22.8	23.7	23.3	24.1	24.6
x=4H y=12H	23.4	24.2	23.8	24.6	25.1	23.4	24.2	23.8	24.6	25.1
x=8H y=4H	21.5	22.5	22.0	22.9	23.3	21.5	22.5	22.0	22.9	23.3
x=8H y=6H	23.0	23.8	23.5	24.2	24.7	23.0	23.8	23.5	24.2	24.7
x=8H y=8H	23.7	24.4	24.2	24.9	25.4	23.7	24.4	24.2	24.9	25.4
x=8H y=12H	24.5	25.1	25.0	25.6	26.1	24.5	25.1	25.0	25.6	26.1
x=12H y=4H	21.6	22.5	22.1	22.9	23.3	21.6	22.5	22.1	22.9	23.3
x=12H y=6H	23.2	23.9	23.7	24.3	24.8	23.2	23.9	23.7	24.3	24.8
x=12H y=8H	24.0	24.6	24.5	25.1	25.6	24.0	24.6	24.5	25.1	25.6

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Flujo Total=635.58 Flujo Luminaria=635.58

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	0.22	0.29	0.36	0.42	0.48	0.56	0.62	0.67	0.73	0.77	0.86	0.92
RC	7	7	7	7	7	7	7	7	7	7	7	7

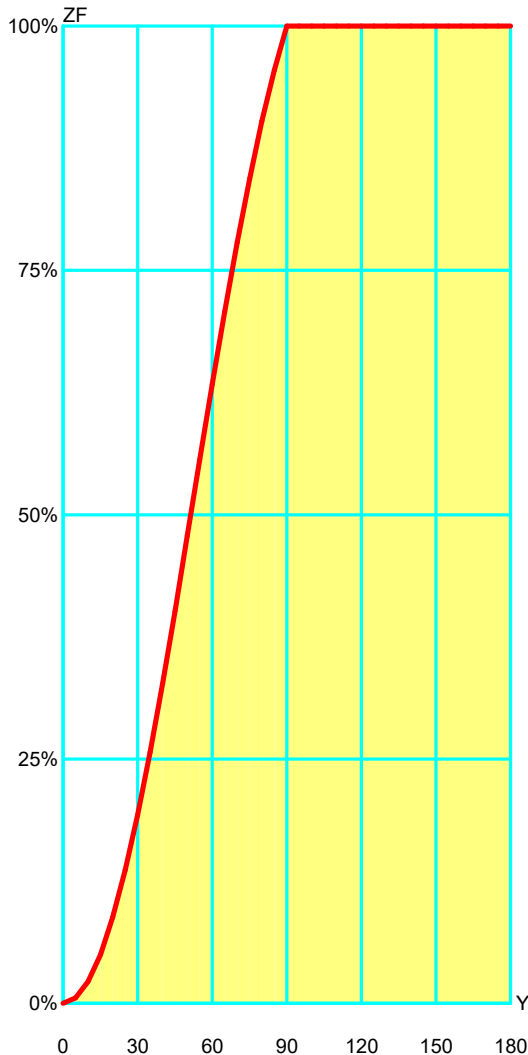
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	22	88	193	327	479	633	779	903	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

35 63 85 100 100

C.I.E.	7	LOR	100.00000 %
D DIN 5040	A20	ULOR	0.00000 %
F UTE	1.00 H	DLOR	100.00000 %
B NBN	BZ 6	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°	5.55	5.55	0.55 %	0.55 %
10°	16.68	22.22	1.67 %	2.22 %
15°	27.68	49.90	2.77 %	4.99 %
20°	38.23	88.13	3.82 %	8.81 %
25°	48.01	136.14	4.80 %	13.61 %
30°	56.74	192.88	5.67 %	19.29 %
35°	64.18	257.06	6.42 %	25.71 %
40°	70.11	327.17	7.01 %	32.72 %
45°	74.40	401.58	7.44 %	40.16 %
50°	76.99	478.56	7.70 %	47.86 %
55°	77.84	556.40	7.78 %	55.64 %
60°	76.99	633.40	7.70 %	63.34 %
65°	74.53	707.93	7.45 %	70.79 %
70°	70.59	778.52	7.06 %	77.85 %
75°	65.34	843.87	6.53 %	84.39 %
80°	59.00	902.86	5.90 %	90.29 %
85°	51.85	954.72	5.19 %	95.47 %
90°	45.28	1000.00	4.53 %	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	228	205	187	169	195	161	115	98	94	81	49	37	17	11	75	40	35	14	11	33	12	10	0
0.80	266	244	204	188	232	180	144	126	110	97	60	48	23	17	90	50	45	19	16	43	17	15	0
1.00	292	271	210	196	258	188	168	150	119	107	68	56	28	22	100	58	53	24	21	50	21	19	0
1.25	314	295	211	200	281	192	192	174	126	115	75	64	34	27	108	65	61	30	26	58	27	24	0
1.50	329	312	208	199	297	192	211	194	130	120	80	70	40	33	113	71	66	35	31	63	32	29	0
2.00	347	334	199	193	318	186	239	223	132	124	87	78	49	42	118	78	74	44	40	71	40	37	0
2.50	359	347	191	186	332	180	259	245	132	126	91	83	55	49	120	83	80	51	47	77	47	44	0
3.00	366	356	183	179	341	174	274	262	131	126	94	87	61	55	121	87	84	57	53	81	53	50	0
4.00	376	368	173	170	352	166	296	285	130	126	98	93	69	64	121	92	89	65	62	86	61	58	0
5.00	382	375	165	163	359	159	310	301	128	125	100	96	75	70	121	95	93	71	68	90	67	64	0
10.00	392	388	144	143	373	141	342	337	122	121	105	103	88	85	117	101	100	85	83	97	82	79	0
20.00	395	393	130	129	378	127	360	357	117	116	107	106	97	95	113	104	103	94	93	100	91	89	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	505	493	453	444	486	439	383	375	354	348	297	292	255	254	345	293	291	254	253	290	253	253	233
0.80	581	568	510	501	558	494	454	445	412	406	354	348	310	307	401	348	346	308	306	344	306	305	282
1.00	637	624	549	541	612	533	510	500	456	449	398	392	353	350	443	391	389	350	349	386	349	347	321
1.25	691	679	585	578	663	569	566	555	497	491	441	435	397	393	483	434	432	394	392	428	391	389	360
1.50	733	721	612	606	704	597	612	600	530	524	477	471	433	429	516	469	466	430	428	462	427	424	393
2.00	790	780	646	642	759	632	676	665	574	569	526	521	486	481	559	517	515	481	479	510	477	473	438
2.50	831	822	671	667	799	658	724	714	607	602	563	558	525	521	591	553	551	520	517	545	515	511	473
3.00	862	853	690	686	830	677	761	752	632	628	592	587	557	552	616	581	579	550	548	573	545	540	500
4.00	912	906	724	722	880	713	822	813	674	671	640	636	609	605	659	629	627	602	599	620	595	589	546
5.00	952	946	752	751	919	742	868	860	709	706	678	675	650	646	694	667	665	642	640	657	635	629	583
10.00	1000	1000	841	840	1000	832	1000	996	812	810	792	789	773	770	797	780	779	763	762	769	754	745	696
20.00	1000	1000	925	924	1000	917	1000	1000	904	903	892	891	880	878	891	880	879	869	868	868	859	849	796
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	533	520	497	487	511	481	386	378	372	365	298	293	245	243	361	293	292	243	242	290	242	242	223
0.80	635	620	585	574	607	565	478	468	456	448	378	372	320	317	441	371	369	318	316	367	316	315	294
1.00	716	700	652	642	683	630	556	543	526	517	447	440	387	383	508	438	436	383	381	432	381	379	358
1.25	793	778	715	705	757	693	634	620	594	585	517	509	455	451	573	506	503	451	448	498	447	444	423
1.50	853	838	762	753	814	739	696	682	646	638	572	563	511	506	624	560	556	506	503	550	501	497	476
2.00	941	928	829	822	898	807	792	778	726	719	658	650	601	595	702	644	640	593	590	632	587	582	562
2.50	1000	988	873	867	956	852	859	846	780	773	718	710	665	658	755	702	699	656	652	688	648	641	622
3.00	1000	1000	904	899	997	883	909	896	819	813	762	755	713	706	794	745	742	702	699	731	693	685	667
4.00	1000	1000	943	939	1000	923	977	965	870	865	821	815	778	772	844	803	800	765	762	786	754	744	727
5.00	1000	1000	967	964	1000	949	1000	1000	902	899	860	854	821	815	877	840	838	807	804	823	794	783	767
10.00	1000	1000	1000	1000	1000	1000	1000	1000	976	974	949	946	924	920	951	928	927	907	904	909	890	875	861
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	989	987	996	982	982	969	968	962	951	933	920

LM53 SHR C0-C180: 1.413 SHR C90-C270: 1.413 SHR Superficial: 1.560

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Ensayo

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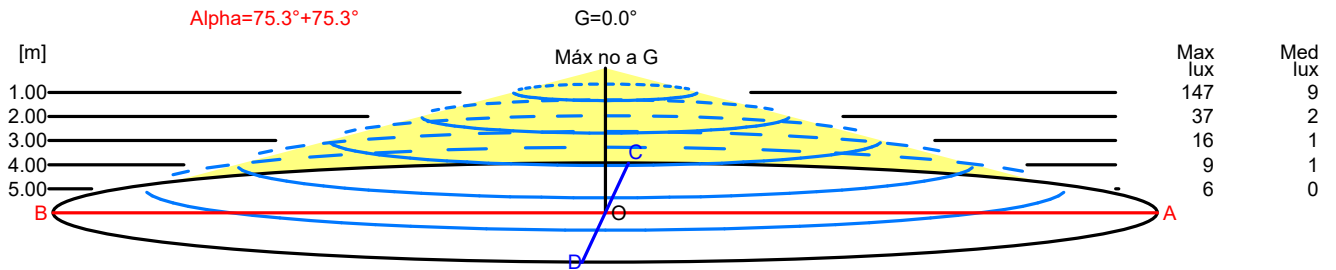
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Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	CG	Rotosimétrico

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	3.82	7.64	11.46	15.28	19.10	OC	3.82	7.64	11.46	15.28	19.10
OB	3.82	7.64	11.46	15.28	19.10	OD	3.82	7.64	11.46	15.28	19.10

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	147.22	147.73	148.05	144.19	136.24	124.54	109.97	93.10	74.82	56.05
OB	147.22	147.73	148.05	144.19	136.24	124.54	109.97	93.10	74.82	56.05
OC	147.22	147.73	148.05	144.19	136.24	124.54	109.97	93.10	74.82	56.05
OD	147.22	147.73	148.05	144.19	136.24	124.54	109.97	93.10	74.82	56.05



H[m]	D[m]	Max lux	Med lux	Alpha=75.3°+75.3°	G=0.0 Máx no a G	
1.00	7.64	147	9			
2.00	15.28	37	2			
3.00	22.92	16	1			
4.00	30.56	9	1			
5.00	38.20	6	0			

Luminaria

Código 15-A126-05-F9_2700K

Nombre SPARK

Ensayo

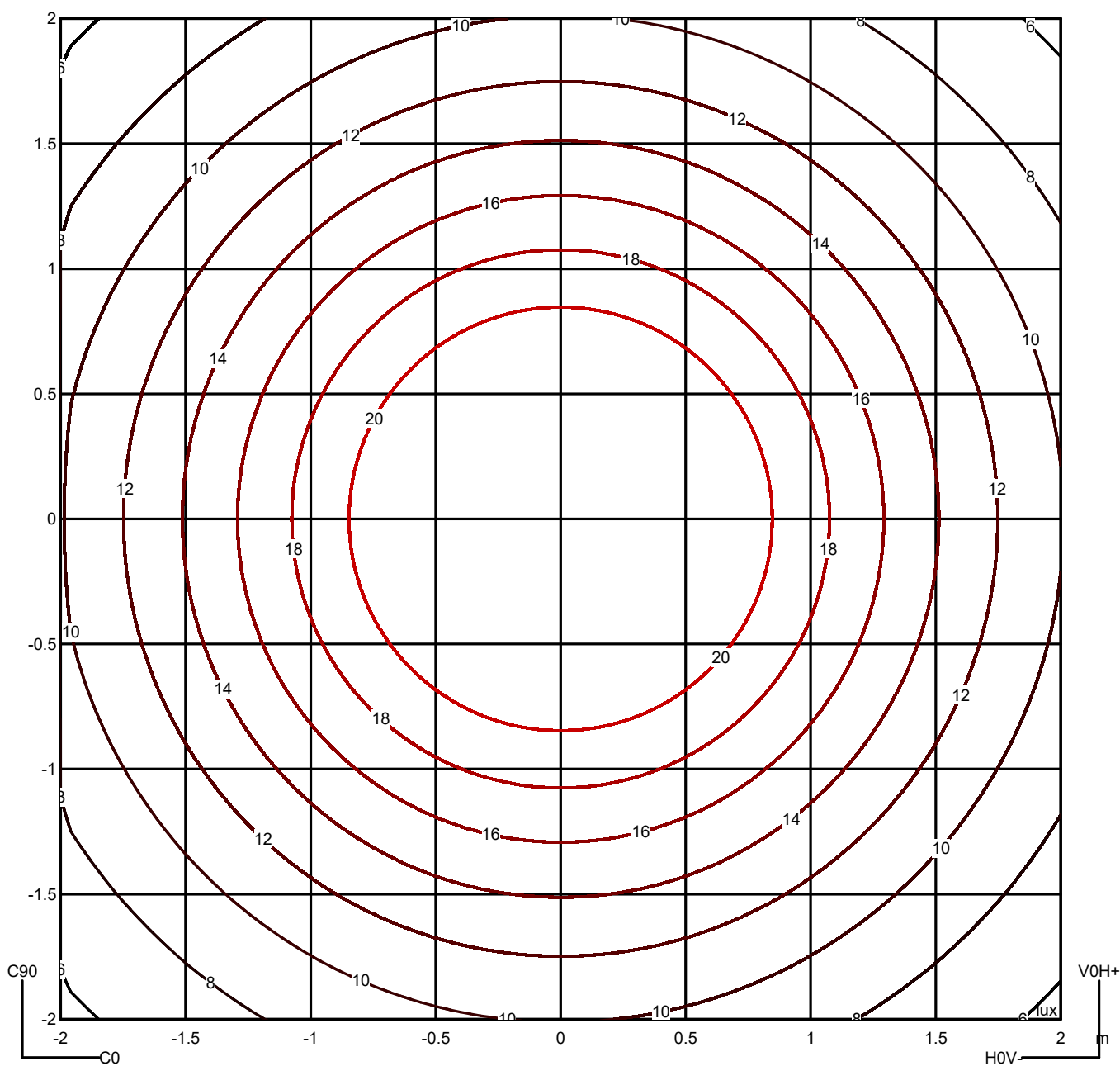
Código 15-A126-05-F9_2700K

Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	CG	Rotosimétrico

Isolux (Suelo)

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



Luminaria

Código 15-A126-05-F9_2700K

Nombre SPARK

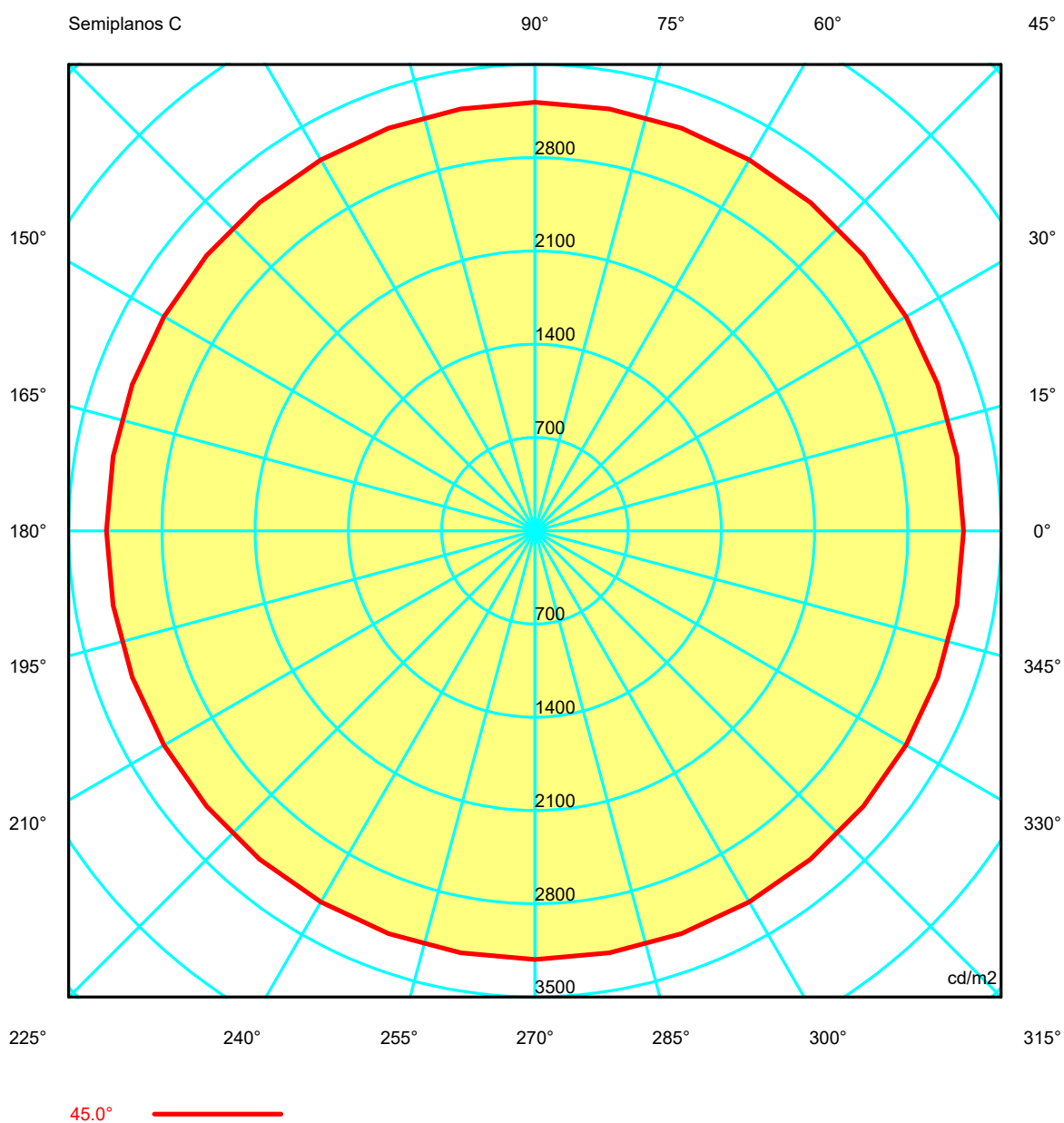
Ensayo

Código 15-A126-05-F9_2700K

Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	CG	Rotosimétrico

Luminancia



Luminaria

Código 15-A126-05-F9_2700K

Nombre SPARK

Ensayo

Código 15-A126-05-F9_2700K

Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%						
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	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	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68
G 5.0	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51
G 10.0	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59
G 15.0	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47
G 20.0	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46
G 25.0	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64
G 30.0	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15
G 35.0	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45
G 40.0	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50
G 45.0	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76
G 50.0	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90
G 55.0	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58
G 60.0	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49
G 65.0	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18
G 70.0	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98
G 75.0	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40
G 80.0	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70
G 85.0	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87
G 90.0	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65

Luminaria

Código 15-A126-05-F9_2700K
Nombre SPARK

Ensayo

Código 15-A126-05-F9_2700K
Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	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	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68
G 5.0	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51
G 10.0	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59
G 15.0	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47
G 20.0	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46
G 25.0	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64
G 30.0	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15
G 35.0	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45
G 40.0	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50
G 45.0	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76
G 50.0	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90
G 55.0	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58
G 60.0	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49
G 65.0	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18
G 70.0	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98
G 75.0	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40
G 80.0	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70
G 85.0	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87
G 90.0	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65

Luminaria

Código 15-A126-05-F9_2700K

Nombre SPARK

Ensayo

Código 15-A126-05-F9_2700K

Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	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	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68	3452.68
G 5.0	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51	3393.51
G 10.0	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59	3364.59
G 15.0	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47	3340.47
G 20.0	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46	3317.46
G 25.0	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64	3294.64
G 30.0	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15	3273.15
G 35.0	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45	3253.45
G 40.0	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50	3234.50
G 45.0	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76	3216.76
G 50.0	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90	3203.90
G 55.0	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58	3198.58
G 60.0	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49	3199.49
G 65.0	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18	3210.18
G 70.0	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98	3236.98
G 75.0	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40	3290.40
G 80.0	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70	3380.70
G 85.0	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87	3550.87
G 90.0	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65	4118.65

Luminaria

Código 15-A126-05-F9_2700K

Nombre SPARK

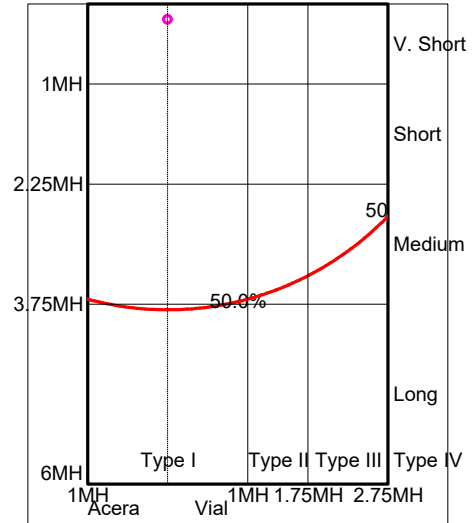
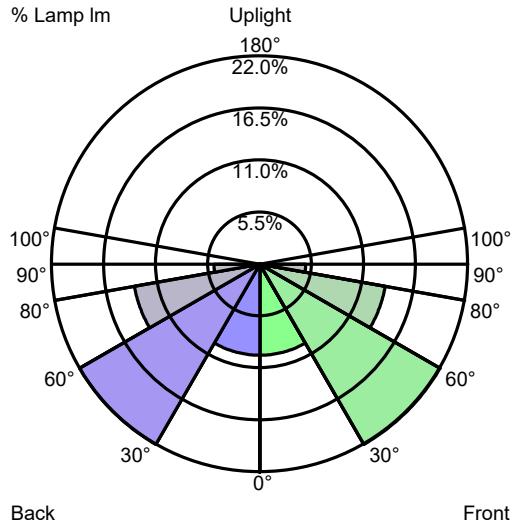
Ensayo

Código 15-A126-05-F9_2700K

Nombre SPARK

Flujo Luminaria	636 lm	Potencia Luminaria	16.0 W	Eficacia	39.724 lm/W	Eficiencia	100.00%
Flujo Fuente	636 lm	Valor Máximo	233.48 cd/klm	Posición	C=0.00 G=11.00	CG	Rotosimétrico

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	61.3 lm	9.6 % 9.6 %
FM	30° -- 60°	140.0 lm	22.0 % 22.0 %
FH	60° -- 80°	85.7 lm	13.5 % 13.5 %
FVH	80° -- 90°	30.8 lm	4.9 % 4.9 %
BL	0° -- 30°	61.3 lm	9.6 % 9.6 %
BM	30° -- 60°	140.0 lm	22.0 % 22.0 %
BH	60° -- 80°	85.7 lm	13.5 % 13.5 %
BVH	80° -- 90°	30.8 lm	4.9 % 4.9 %
UL	90° -- 100°	0.0 lm	0.0 % 0.0 %
UH	100° -- 180°	0.0 lm	0.0 % 0.0 %
TOTALS		635.6 lm	100.0 % 100.0 %
BUG B0 U0 G1 Type V Very Short Quadrilateral Symmetry			