

Características eléctricas

- Corriente de alimentación de hasta 700 mA.
- Intervalo de tensiones: de 21 V a 190 V.
- Categoría eléctrica: I y II.
- Resistencia estándar a los choques eléctricos: 6/10 kV (dif./com.).

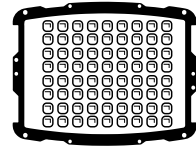
Características de los LED

- Tipo: CMS.
- Vida útil nominal de los LED: 100 000 horas.
- Mantenimiento del flujo luminoso, por ejemplo: L90 100 000 h, 90 % del flujo luminoso tras 100 000 h.
- IRC >70 - Ámbar, sin IRC.
- ULR 0 % (ULR: porcentaje de flujo luminoso dirigido directamente hacia arriba).
- Riesgo fotobiológico: RG1.

Compatibilidad de luminarias

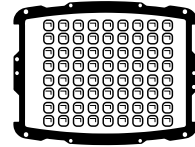
Luminaria	Medida	Versión	I. máx. con 24 LED		I. máx. con 48 LED		I. máx. con 64 LED		Luminaria	Medida	Versión	I. máx. con 24 LED		I. máx. con 48 LED		I. máx. con 64 LED			
			500 mA	700 mA	500 mA	700 mA	500 mA	700 mA				500 mA	700 mA	500 mA	700 mA	500 mA	700 mA		
ALTURAN			[Barra]		[Barra]		[Barra]		JOYAU	6400		[Barra]		[Barra]		[Barra]			
ALYRIA			[Barra]		[Barra]		[Barra]			6550		[Barra]		[Barra]		[Barra]			
ATILEA			[Barra]		[Barra]		[Barra]		KASSIO		[Barra]		[Barra]		[Barra]		[Barra]		
ATINIA	E6600		[Barra]		[Barra]		[Barra]		KEROZ		[Barra]		[Barra]		[Barra]		[Barra]		
	6480		[Barra]		[Barra]		[Barra]		KETCH		[Barra]		[Barra]		[Barra]		[Barra]		
BALZAC	6400		[Barra]		[Barra]		[Barra]		LANTANA	6600		[Barra]		[Barra]		[Barra]		[Barra]	
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BAZAS			[Barra]		[Barra]		[Barra]		LAMPION GLOW		[Barra]		[Barra]		[Barra]		[Barra]		
BONI			[Barra]		[Barra]		[Barra]		MANDELIEU	640	Vidrio plano	[Barra]		[Barra]		[Barra]		[Barra]	
BRATINIA			[Barra]		[Barra]		[Barra]				Bloque óptico	[Barra]		[Barra]		[Barra]		[Barra]	
CALETI			[Barra]		[Barra]		[Barra]			650	Vidrio plano	[Barra]		[Barra]		[Barra]		[Barra]	
CAP FERRAT	650	Vidrio plano	[Barra]		[Barra]		[Barra]				Bloque óptico	[Barra]		[Barra]		[Barra]		[Barra]	
		Bloque óptico	[Barra]		[Barra]		[Barra]		MONACO		638		[Barra]		[Barra]		[Barra]		
CARROS	656		[Barra]		[Barra]		[Barra]		650		[Barra]		[Barra]		[Barra]		[Barra]		
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CYDIAS	6600		[Barra]		[Barra]		[Barra]		MOUGINS	640	Vidrio plano	[Barra]		[Barra]		[Barra]		[Barra]	
	6840		[Barra]		[Barra]		[Barra]				650	Vidrio plano	[Barra]		[Barra]		[Barra]		[Barra]
DO-RE-MI-FA			[Barra]		[Barra]		[Barra]			Bloque óptico		[Barra]		[Barra]		[Barra]		[Barra]	
DOMITIENNE (V2 - FLEX)			[Barra]		[Barra]		[Barra]			660	Vidrio plano	[Barra]		[Barra]		[Barra]		[Barra]	
EKKO	S		[Barra]		[Barra]		[Barra]		Bloque óptico		[Barra]		[Barra]		[Barra]		[Barra]		
	L		[Barra]		[Barra]		[Barra]		MYRINA		6505		[Barra]		[Barra]		[Barra]		
ELANCIA	6100		[Barra]		[Barra]		[Barra]		6670		[Barra]		[Barra]		[Barra]		[Barra]		
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EZE			[Barra]		[Barra]		[Barra]		OPIO	640		[Barra]		[Barra]		[Barra]		[Barra]	
ISOLA	640		[Barra]		[Barra]		[Barra]			650	Vidrio plano	[Barra]		[Barra]		[Barra]		[Barra]	
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OPUS 8			[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		

3/5/2024 - Reservado el derecho a modificar cualquier información sin previo aviso



Compatibilidad de luminarias (continuación)

Luminaria	Medida	Versión	I. máx. con 24 LED		I. máx. con 48 LED		I. máx. con 64 LED		Luminaria	Medida	Versión	I. máx. con 24 LED		I. máx. con 48 LED		I. máx. con 64 LED		
			500 mA	700 mA	500 mA	700 mA	500 mA	700 mA				500 mA	700 mA	500 mA	700 mA	500 mA	700 mA	
ORIGIA	6480		[Barra]		[Barra]		[Barra]		VALBONNE	640		[Barra]		[Barra]		[Barra]		
	N6600		[Barra]		[Barra]		[Barra]			650	Vidrio plano	[Barra]		[Barra]		[Barra]		
ORITRAM	6600		[Barra]		[Barra]		[Barra]				Bloque óptico	[Barra]		[Barra]		[Barra]		
RAMATUELLE	638		[Barra]		[Barra]		[Barra]			665	Vidrio plano	[Barra]		[Barra]		[Barra]		
	648	Vidrio plano	[Barra]		[Barra]		[Barra]				Bloque óptico	[Barra]		[Barra]		[Barra]		
R-LIGHT		N650		[Barra]		[Barra]		[Barra]		634	634		[Barra]		[Barra]		[Barra]	
	800		[Barra]		[Barra]		[Barra]				638	Vidrio plano	[Barra]		[Barra]		[Barra]	
ROGNAC	665		[Barra]		[Barra]		[Barra]			642		Vidrio plano	[Barra]		[Barra]		[Barra]	
	C650		[Barra]		[Barra]		[Barra]				Bloque óptico	[Barra]		[Barra]		[Barra]		
	C665		[Barra]		[Barra]		[Barra]			645	Vidrio plano	[Barra]		[Barra]		[Barra]		
SAGOMA	GOAP7-45		[Barra]		[Barra]		[Barra]		Bloque óptico		[Barra]		[Barra]		[Barra]			
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SOPHIA	634		[Barra]		[Barra]		[Barra]		C665	C665		[Barra]		[Barra]				
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Bloque óptico		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]						
ST JEANNET	640		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]			
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ST PAUL	640		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]			
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[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]				
ST TROPEZ	640		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]			
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THYRIA	6400		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]			
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	6540		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]		[Barra]			



Ficha técnica

Potencia e intensidad luminosa

1700 K (ámbar) Número de LED	Flujo nominal ⁽¹⁾ (lm)	Eficacia nominal ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA		
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾
16 ⁽³⁾	3120	109	17	1574	93	24	2154	90	35	2883	83
32	6240	113	33	3149	96	47	4308	92	66	5766	88
48	9360	114	49	4723	97	70	6462	93	98	8649	89
64	12480	117	63	6298	100	91	8615	95	129	11532	90

2200 K Número de LED	Flujo nominal ⁽¹⁾ (lm)	Eficacia nominal ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			Clasificación energética
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
8	1960	115	10	972	98	14	1333	96	19	1811	96	E
12	2940	118	15	1458	98	20	2000	100	27	2717	101	E
16	3530	120	19	1774	94	26	2435	94	36	3262	91	E
24	5880	128	27	2917	109	38	4001	106	52	5433	105	E
32	7060	119	35	3548	102	49	4869	100	69	6523	95	E
48	10590	123	51	5322	105	73	7304	101	103	9785	95	E
64	14120	123	68	7096	105	96	9739	102	136	13047	96	E

2700 K Número de LED	Flujo nominal ⁽¹⁾ (lm)	Eficacia nominal ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			Clasificación energética
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
8	2275	132	10	1128	113	14	1548	111	19	2102	111	D
12	3270	132	15	1645	110	20	2256	113	27	3021	112	E
16 ⁽³⁾	4550	141	19	2196	116	26	3011	116	36	4030	112	E / D ⁽³⁾
24	6540	143	27	3289	122	38	4512	119	52	6043	117	E
32	8723	147	35	4393	126	49	6023	123	69	8060	117	E
48	13085	153	51	6589	130	73	9034	124	103	12091	118	E
64	17446	153	68	8785	130	96	12045	126	136	16120	119	E

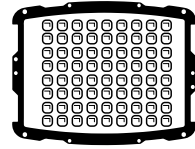
3000 K Número de LED	Flujo nominal ⁽¹⁾ (lm)	Eficacia nominal ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			Clasificación energética
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
8	2360	140	10	1187	119	14	1626	117	19	2181	115	D
12	3540	144	15	1779	119	20	2444	123	27	3271	122	D
16	4720	147	19	2375	125	26	3257	126	36	4361	122	D
24	7080	155	27	3557	132	38	4888	129	52	6542	126	D
32	9440	159	35	4749	136	49	6514	133	69	8723	127	D
48	14160	165	51	7124	140	73	9771	134	103	13084	128	D
64	18880	165	68	9499	140	96	13028	136	136	17445	129	D

4000 K Número de LED	Flujo nominal ⁽¹⁾ (lm)	Eficacia nominal ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			Clasificación energética
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
8	2490	147	10	1252	126	14	1719	123	19	2301	122	D
12	3735	152	15	1880	126	20	2578	129	27	3451	128	D
16	4980	156	19	2504	132	26	3437	133	36	4602	128	D
24	7470	165	27	3761	140	38	5156	136	52	6902	133	D
32	9960	169	35	5008	144	49	6875	141	69	9203	134	D
48	14940	173	51	7512	148	73	10312	142	103	13805	135	D
64	19920	173	68	10016	148	96	13749	144	136	18406	136	D

5700 K Número de LED	Flujo nominal ⁽¹⁾ (lm)	Eficacia nominal ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			Clasificación energética
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
16	4720	147	19	2375	125	26	3257	126	36	4361	122	C
32	9440	159	35	4749	136	49	6514	133	69	8723	127	C
48	14160	165	51	7124	140	73	9771	134	103	13084	128	C
64	18880	165	68	9499	140	96	13028	136	136	17445	129	C

(1) Flujo máximo de LED a temperatura de funcionamiento, incluido el consumo del controlador.

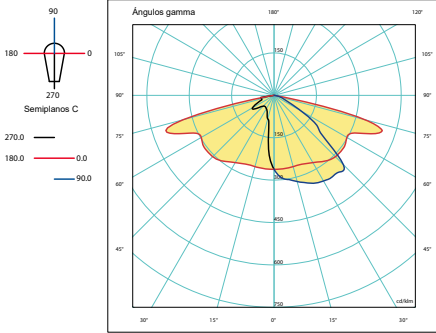
(2) Datos reales de potencia de la luminaria a la temperatura de funcionamiento, incluidos el consumo del controlador y los accesorios ópticos. Se permite una tolerancia en los datos según las normas IEC 62717 e IEC 62722.(3) En caso de utilizar 4 PCB (EVO2 S): categoría energética = D.



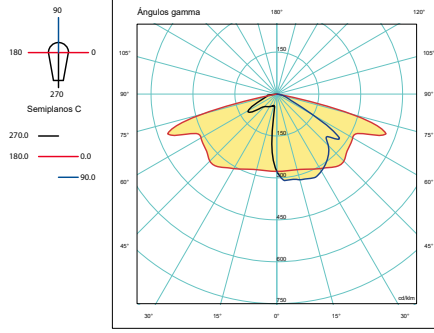
Distribuciones fotométricas

VIAL ASIMÉTRICA

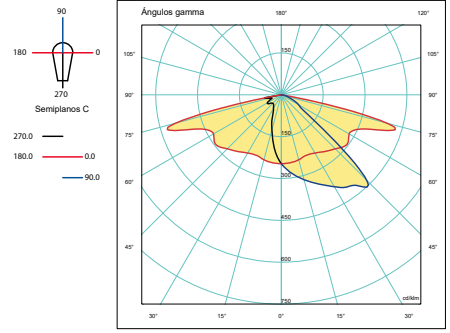
ASY10



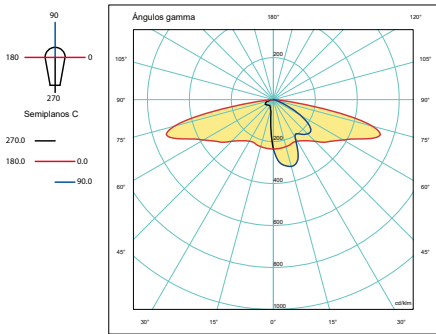
ASY11



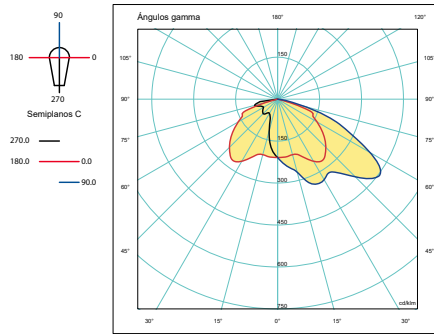
ASY12



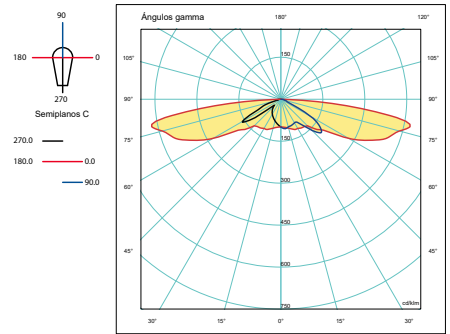
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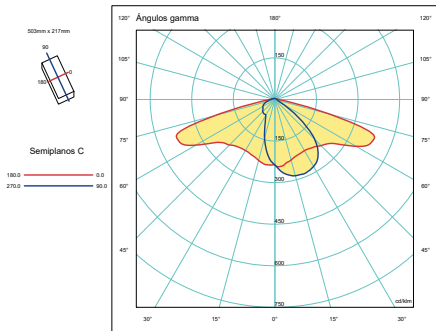
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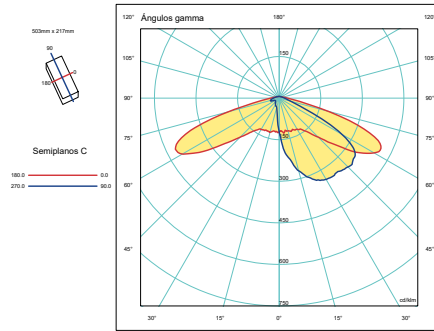
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ASY26

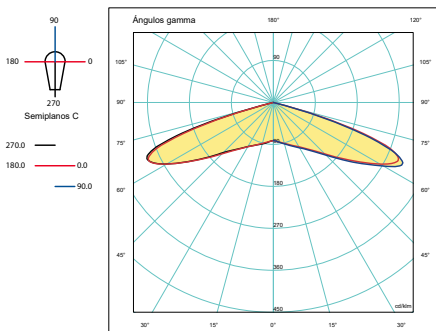


ASY27



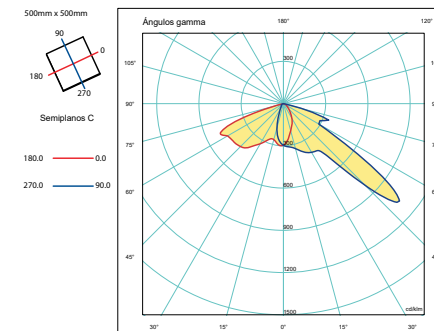
CIRCULAR

CIR06

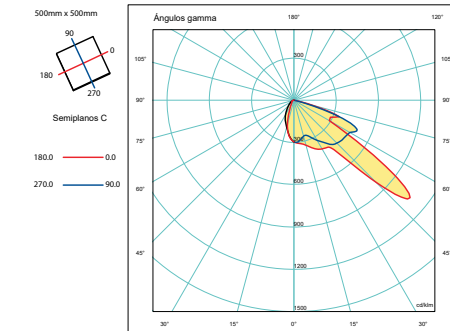


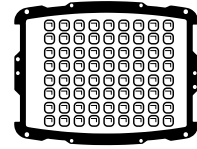
PASO DE PEATONES

PC02 45G



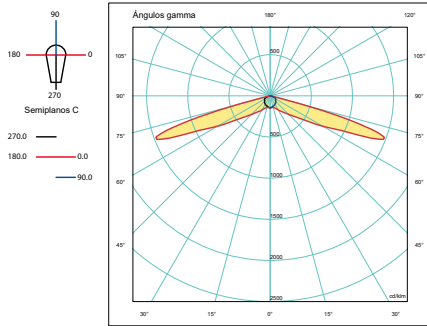
PC02 45D



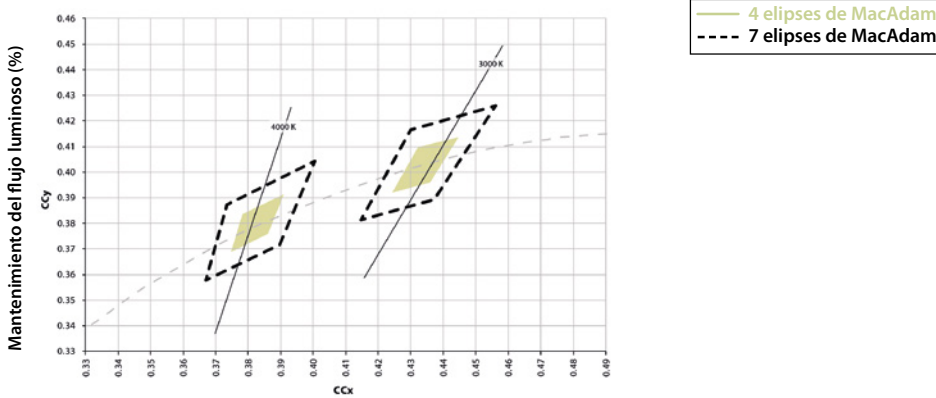


SIMÉTRICA

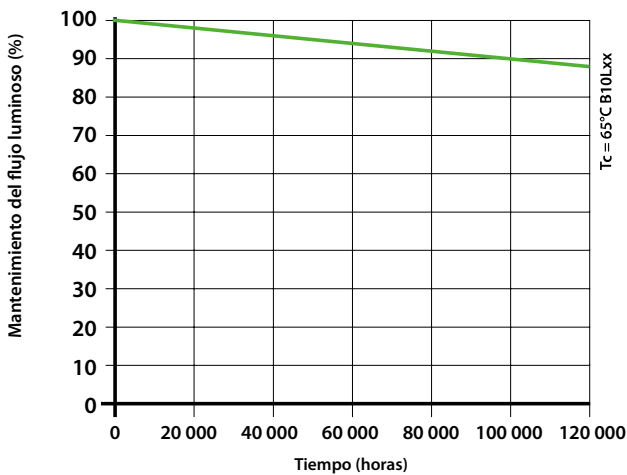
SYM02



Elipse de MacAdam



Curvas de mantenimiento del flujo luminoso según la vida útil de los LED



Ejemplo

Un EVO2 pierde un 10 % de flujo tras 100 000 horas de funcionamiento.

Ejemplo para un proyecto de alumbrado de 20 lux de media con un EVO2 (100 000 h L90): obtenemos un resultado de 18 lux de media tras 100 000 horas de funcionamiento (es decir, una pérdida de solo 2 lux).