

Compact fluorescent lamps non-integrated

MASTER PL-C 2 Pins



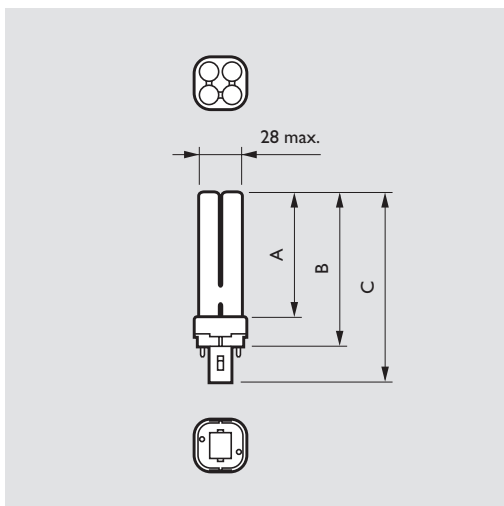
The MASTER PL-C 2-pin range of lamps forms part of the compact fluorescent non-integrated family of lamps. Compact long-arc low-pressure mercury discharge lamp with a clear glass envelope consisting of four parallel narrow fluorescent tubes welded together at the bottom and near the ends. It has a two-pin base with a housing incorporating the special instant starter and capacitor. It is equipped with two pre-heated tungsten electrodes and filled with a mixture of saturated mercury vapour and an inert buffer gas.

MASTER PL-C is a breakthrough in compact fluorescent lighting. By making use of the unique Philips-invented bridge technology, light output has been optimised for the relatively high temperatures inside the luminaire, providing up to 6 % higher system light output. Furthermore the advanced coating technologies result in 12 % lumen maintenance improvement at average rated life. MASTER PL-C lamps contain only 3 mg of mercury.

Applications

- General or supplementary lighting in professional environments or the home.
- Residential and public outdoor lighting, recessed or surface-mounted downlighters, wall units, pendant lamps and table lamps.

For operation on AC mains supply via a conventional ballast. Dimming is not possible. The lamp characteristics are influenced by operating conditions and control gear used. A radio-interference suppression capacitor is installed. The lamp performance is strongly governed by the temperature of the coolest spot, which is influenced by the lamp position.



Dimensions in mm

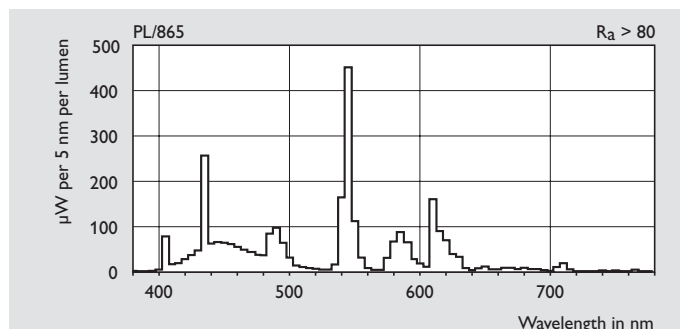
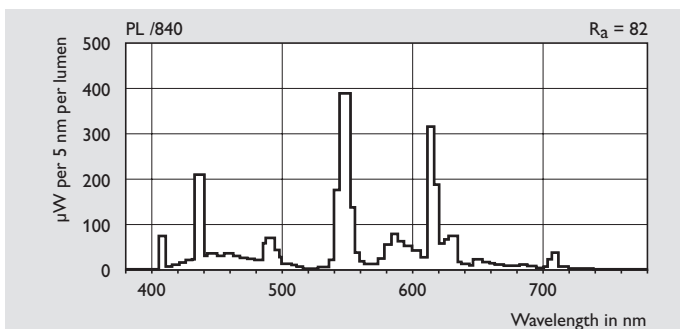
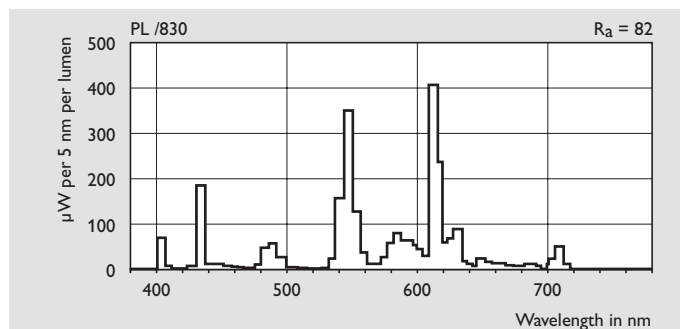
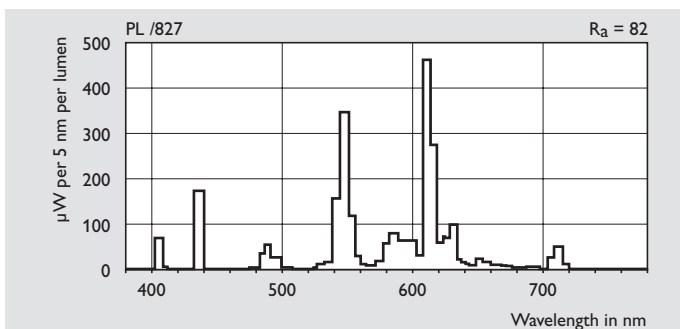
Type	A max.	B max.	C max.
PL-C 10W/2P	77	95	118
PL-C 13W/2P	99	117	140
PL-C 18W/2P	111	129	152
PL-C 26W/2P	132	150	173



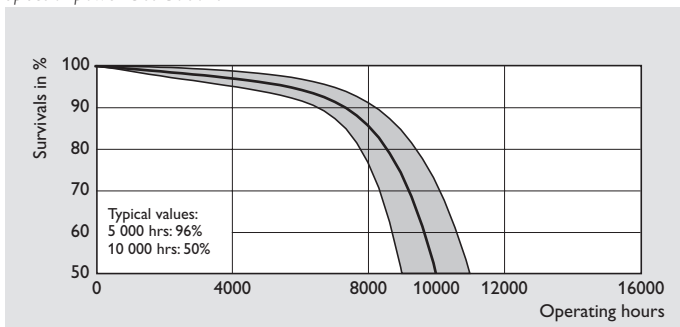
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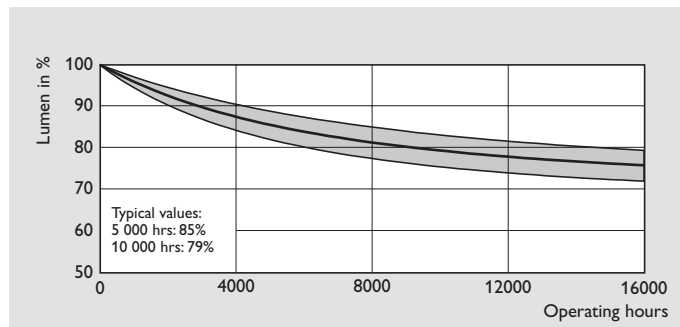
Commercial name	Type	Cap/ base	Lamp	Lamp	Lumen output	Efficacy	Corr. colour temp.	Chromaticity coordinates		Colour designation	Lumen maint. 2000hrs	Lumen maint. 5000hrs	Nett weight	EOC	
			voltage	current				lm/W	K						x
			V	mA	lm	lm/W	K	x	y			%	%	g	
/827															
MASTER PL-C	MASTER PL-C 10W/827/2P	G24d-1	64	190	600	60	2700	455	415	INCAND.LIGHT	92	87	54	706812	
MASTER PL-C	MASTER PL-C 13W/827/2P	G24d-1	91	175	900	69	2700	455	415	INCAND.LIGHT	92	87	65	620811	
MASTER PL-C	MASTER PL-C 18W/827/2P	G24d-2	100	220	1200	67	2700	455	415	INCAND.LIGHT	92	87	70	620880	
MASTER PL-C	MASTER PL-C 26W/827/2P	G24d-3	105	325	1800	69	2700	455	415	INCAND.LIGHT	92	87	81	620958	
/830															
MASTER PL-C	MASTER PL-C 10W/830/2P	G24d-1	64	190	600	60	3000	435	400	WARM WHITE	92	87	54	707246	
MASTER PL-C	MASTER PL-C 13W/830/2P	G24d-1	91	175	900	69	3000	435	400	WARM WHITE	92	87	65	620842	
MASTER PL-C	MASTER PL-C 18W/830/2P	G24d-2	100	220	1200	67	3000	435	400	WARM WHITE	92	87	70	620910	
MASTER PL-C	MASTER PL-C 26W/830/2P	G24d-3	105	325	1800	69	3000	435	400	WARM WHITE	92	87	81	620989	
/840															
MASTER PL-C	MASTER PL-C 10W/840/2P	G24d-1	64	190	600	60	4000	380	380	COOL WHITE	92	87	54	704986	
MASTER PL-C	MASTER PL-C 13W/840/2P	G24d-1	91	175	900	69	4000	380	380	COOL WHITE	92	87	65	620866	
MASTER PL-C	MASTER PL-C 18W/840/2P	G24d-2	100	220	1200	67	4000	380	380	COOL WHITE	92	87	70	620934	
MASTER PL-C	MASTER PL-C 26W/840/2P	G24d-3	105	325	1800	69	4000	380	380	COOL WHITE	92	87	81	621009	
/865															
MASTER PL-C	MASTER PL-C 13W/865/2P	G24d-1	91	175	900	69	6500	305	325	COOL DAYLIGHT	92	87	65	635235	
MASTER PL-C	MASTER PL-C 18W/865/2P	G24d-2	100	220	1200	67	6500	305	325	COOL DAYLIGHT	92	87	70	635273	
MASTER PL-C	MASTER PL-C 26W/865/2P	G24d-3	105	325	1800	69	6500	305	325	COOL DAYLIGHT	92	87	81	635310	



Spectral power distributions



Life expectancy
366



Lumen maintenance

