

Compact fluorescent lamps non-integrated

Master PL-C 2-pin



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.

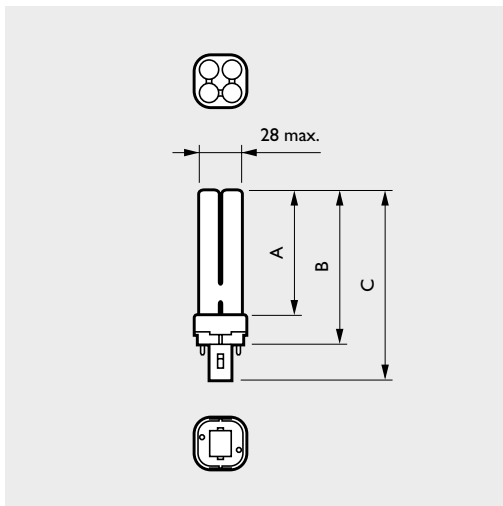
Applications

- 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.



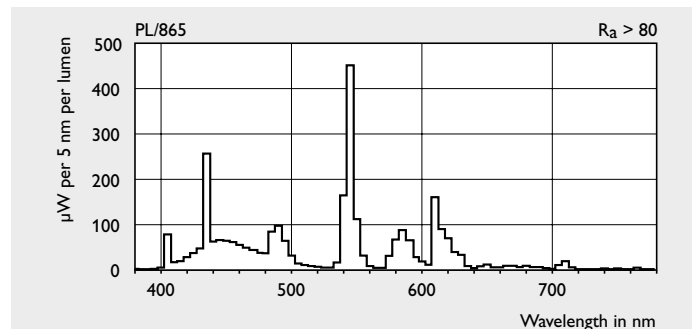
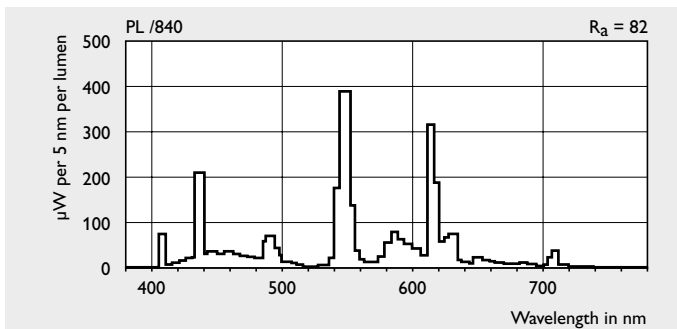
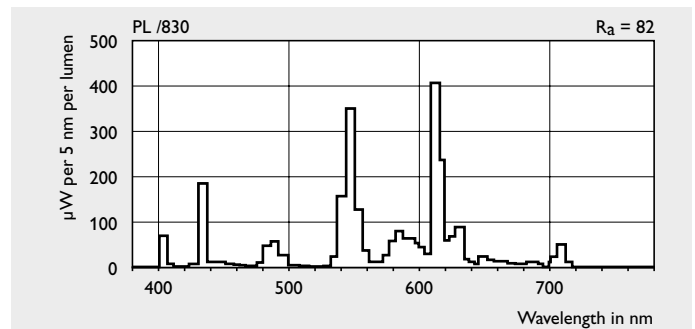
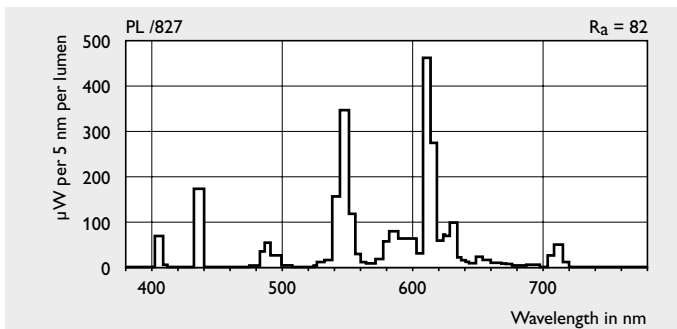
Dimensions in mm

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

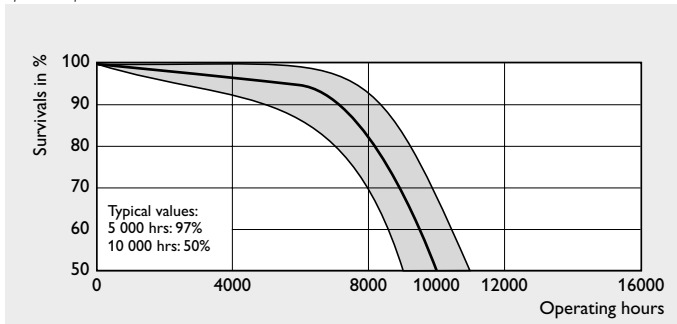
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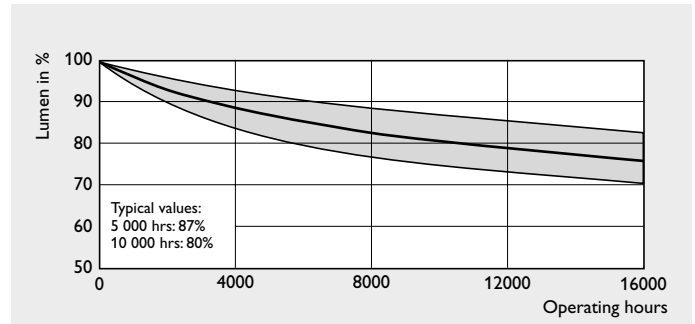
Type	Cap/base	Lamp	Lamp	Lumen	Efficacy	Corr.	Chromaticity		Colour	Lumen	Lumen	Nett	Ordering	EOC
		voltage	current				output	colour						
		V	mA	lm	lm/W	K	x	y		2000hrs	5000hrs	g		
/827														
Master PL-C 10W/827/2P	G24d-1	64	190	600	60	2700	455	415	INCAND.LIGHT	92	87	54	9279 036 08200	706812
Master PL-C 13W/827/2P	G24d-1	91	175	900	69	2700	455	415	INCAND.LIGHT	92	87	65	9279 050 08200	620811
Master PL-C 18W/827/2P	G24d-2	100	220	1200	67	2700	455	415	INCAND.LIGHT	92	87	70	9279 054 08200	620880
Master PL-C 26W/827/2P	G24d-3	105	325	1800	69	2700	455	415	INCAND.LIGHT	92	87	81	9279 058 08200	620958
/830														
Master PL-C 10W/830/2P	G24d-1	64	190	600	60	3000	435	400	WARM WHITE	92	87	54	9279 036 08300	707246
Master PL-C 13W/830/2P	G24d-1	91	175	900	69	3000	435	400	WARM WHITE	92	87	65	9279 050 08300	620842
Master PL-C 18W/830/2P	G24d-2	100	220	1200	67	3000	435	400	WARM WHITE	92	87	70	9279 054 08300	620910
Master PL-C 26W/830/2P	G24d-3	105	325	1800	69	3000	435	400	WARM WHITE	92	87	81	9279 058 08300	620989
/840														
Master PL-C 10W/840/2P	G24d-1	64	190	600	60	4000	380	380	COOL WHITE	92	87	54	9279 036 08400	704986
Master PL-C 13W/840/2P	G24d-1	91	175	900	69	4000	380	380	COOL WHITE	92	87	65	9279 050 08400	620866
Master PL-C 18W/840/2P	G24d-2	100	220	1200	67	4000	380	380	COOL WHITE	92	87	70	9279 054 08400	620934
Master PL-C 26W/840/2P	G24d-3	105	325	1800	69	4000	380	380	COOL WHITE	92	87	81	9279 058 08400	621009
/865														
Master PL-C 13W/865/2P	G24d-1	91	175	900	69	6500	305	325	COOL DAYLIGHT	92	87	65	9279 050 86500	635235
Master PL-C 18W/865/2P	G24d-2	100	220	1200	67	6500	305	325	COOL DAYLIGHT	92	87	70	9279 054 86500	635273
Master PL-C 26W/865/2P	G24d-3	105	325	1800	69	6500	305	325	COOL DAYLIGHT	92	87	81	9279 058 86500	635310



Spectral power distributions



Life expectancy



Lumen maintenance



PHILIPS