



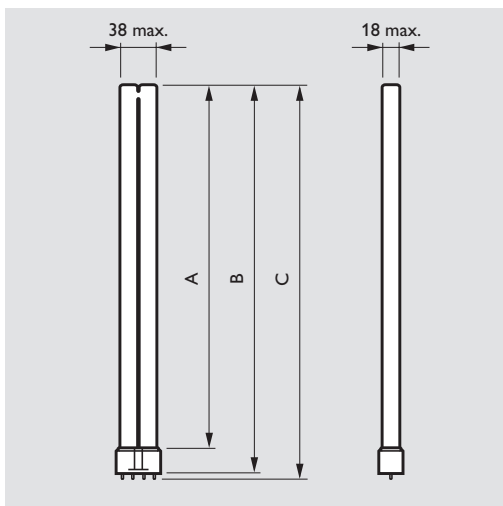
The PL-L range of lamps forms part of the compact fluorescent non-integrated family of lamps. Compact long-arc low-pressure mercury discharge lamp with a clear glass envelope consisting of two parallel narrow fluorescent tubes welded together near the ends. It has a four-pin base for universal application in conventional high-voltage switch-start circuits, in low-voltage sequence-start circuits and in advanced electronic circuits. They are equipped with two pre-heated tungsten electrodes and filled with a mixture of saturated mercury vapour and an inert buffer gas. The capacitor and starter are not built into the base. Dimming is possible. The lamp characteristics are

influenced by operating conditions and control gear used. A radio-interference suppression capacitor has to be installed separately.

The lamp performance is strongly governed by the temperature of the coolest spot, which is influenced by the lamp position.

Applications

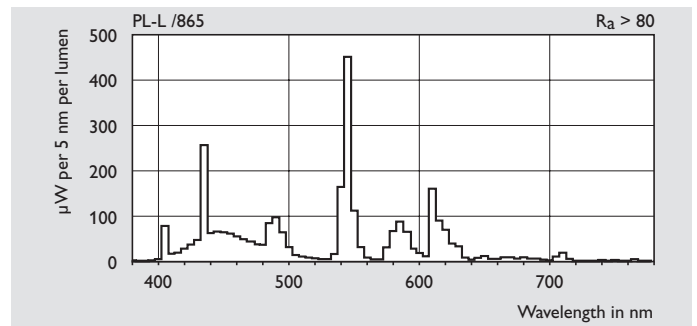
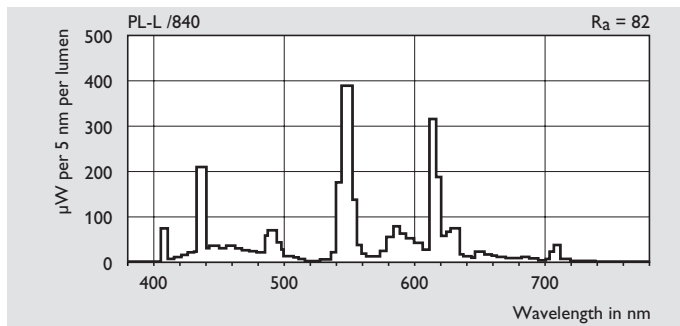
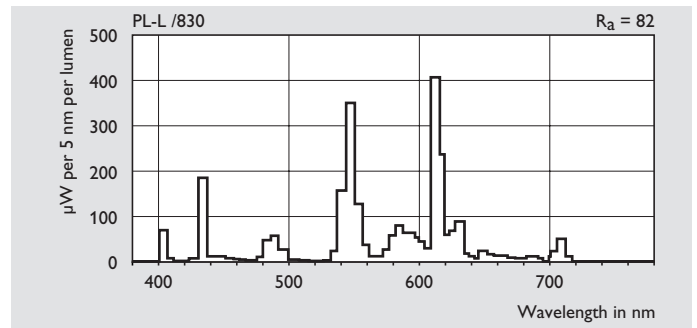
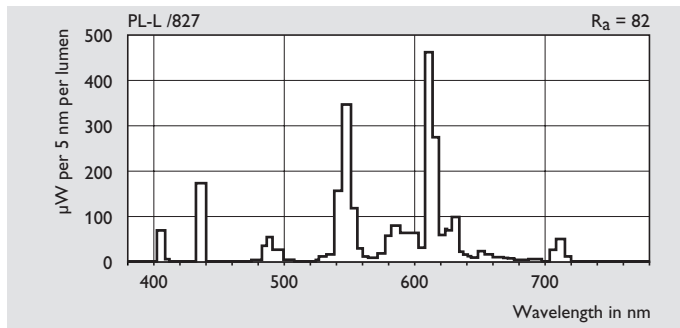
- General lighting in offices, shops, hotels.
- Specific task lighting.
- Outdoors in residential areas and parks.
- /90 "De Luxe" colours: industry, and shopping and exhibition areas.



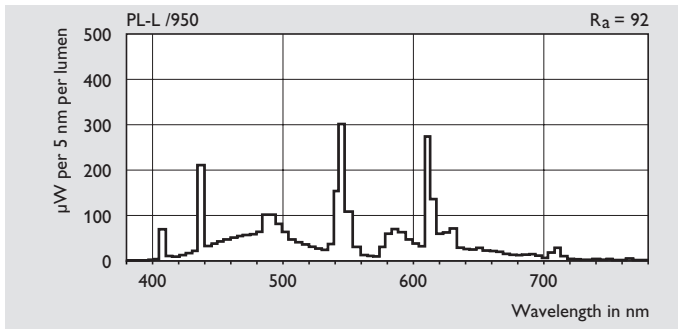
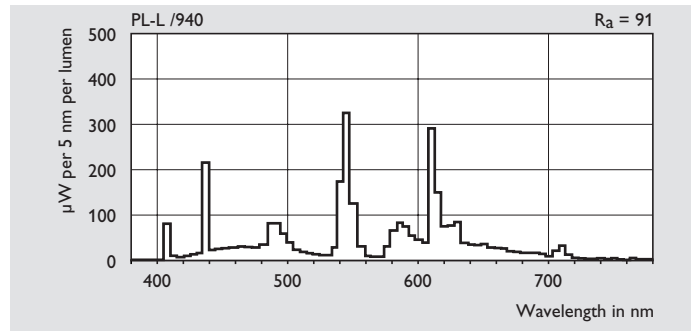
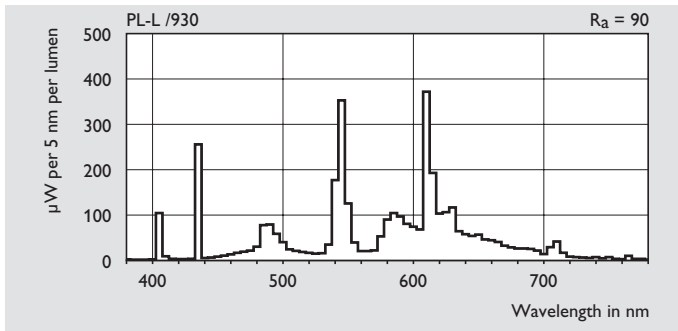
Dimensions in mm

Type	A max.	B max.	C max.
PL-L/4p 18W	195	220	227
PL-L/4p 24W	290	315	322
PL-L/4p 36W	385	410	417
PL-L/4p 40W HF	510	535	542
PL-L/4p 55W HF	510	535	542

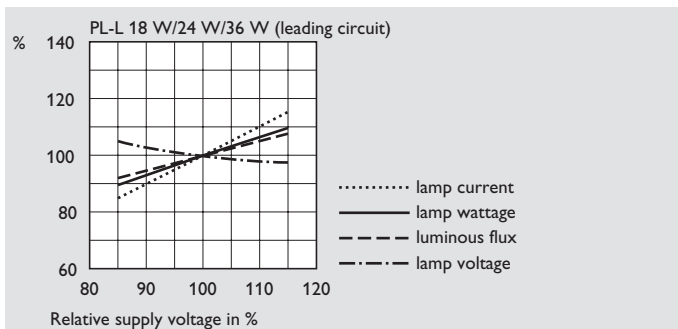
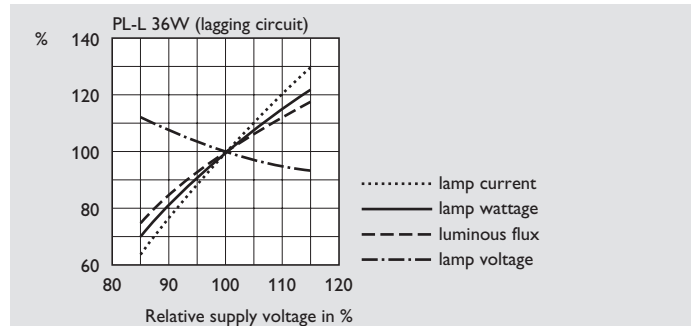
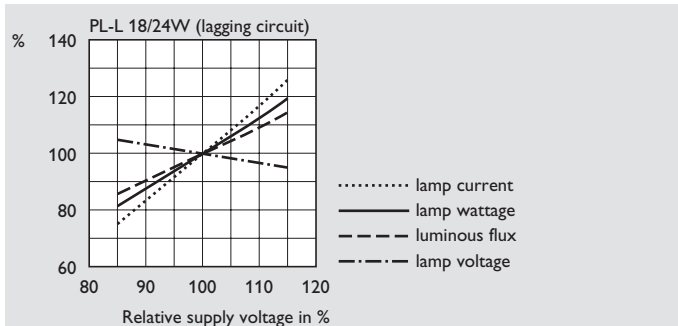
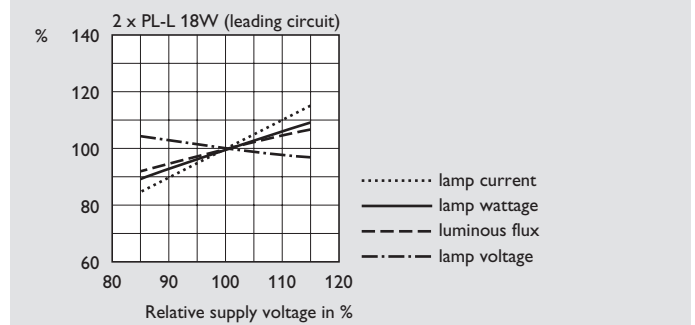
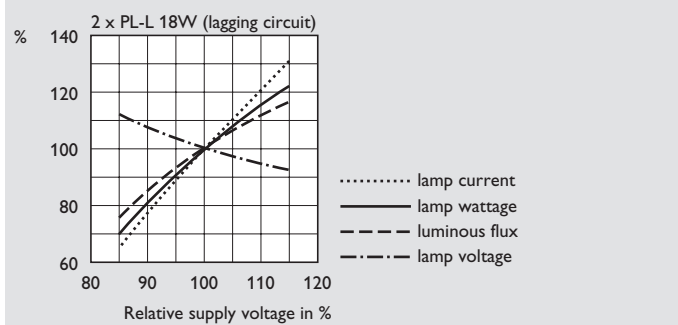
Type	Cap/ base	Lamp voltage	Lamp current	Lumen output	Efficacy	Correlated colour temperature	Colour rendering index	Chromat. coordinate	Chromat. coordinate	Colour designation	Lumen maint. 2000hrs	Lumen maint. 5000hrs	Nett weight	Ordering number	
		V	mA	lm	lm/W	K		x	y		%	%	g		
/827															
PL-L/4P	18W	2G11	58	375	1200	67	2700	82	465	420	INCANDLIGHT	90	85	67	9279 030 08200
PL-L/4P	24W	2G11	87	345	1800	75	2700	82	465	420	INCANDLIGHT	90	85	92	9279 032 08200
PL-L/4P	36W	2G11	106	435	2900	80	2700	82	465	420	INCANDLIGHT	90	85	115	9279 034 08200
/830															
PL-L/4P	18W	2G11	58	375	1200	67	3000	82	440	405	WARM WHITE	90	85	67	9279 030 08300
PL-L/4P	24W	2G11	87	345	1800	75	3000	82	440	405	WARM WHITE	90	85	92	9279 032 08300
PL-L/4P	36W	2G11	106	435	2900	80	3000	82	440	405	WARM WHITE	90	85	115	9279 034 08300
PL-L/4P	40W HF	2G11	126	320	3500	87	3000	82	440	405	WARM WHITE	90	85	146	9279 082 08300
PL-L/4P	55W HF	2G11	101	550	4800	87	3000	82	440	405	WARM WHITE	90	85	146	9279 087 08300
/840															
PL-L/4P	18W	2G11	58	375	1200	67	4000	82	380	380	COOL WHITE	90	85	67	9279 030 08400
PL-L/4P	24W	2G11	87	345	1800	75	4000	82	380	380	COOL WHITE	90	85	92	9279 032 08400
PL-L/4P	36W	2G11	106	435	2900	80	4000	82	380	380	COOL WHITE	90	85	115	9279 034 08400
PL-L/4P	40W HF	2G11	126	320	3500	87	4000	82	380	380	COOL WHITE	90	85	146	9279 082 08400
PL-L/4P	55W HF	2G11	101	550	4800	87	4000	82	380	380	COOL WHITE	90	85	146	9279 087 08400
/865															
PL-L/4P	18W	2G11	58	375	1200	67	6500	80	305	325	COOL DAYLIGHT	90	85	67	9279 030 86500
PL-L/4P	24W	2G11	87	345	1800	75	6500	80	305	325	COOL DAYLIGHT	90	85	92	9279 032 86500
PL-L/4P	36W	2G11	106	435	2900	80	6500	80	305	325	COOL DAYLIGHT	90	85	115	9279 034 86500
/930															
PL-L/4P	18W	2G11	58	375	950	53	3000	90	435	395	WARM WHITE	90	75	67	9279 030 09300
PL-L/4P	24W	2G11	87	345	1500	63	3000	90	435	395	WARM WHITE	90	75	92	9279 032 09300
PL-L/4P	36W	2G11	106	435	2200	61	3000	90	435	395	WARM WHITE	90	80	115	9279 034 09300
/940															
PL-L/4P	18W	2G11	58	375	1000	56	4000	91	385	370	COOL WHITE	90	80	67	9279 030 09400
PL-L/4P	24W	2G11	87	345	1600	67	4000	91	385	370	COOL WHITE	90	80	92	9279 032 09400
PL-L/4P	36W	2G11	106	435	2400	67	4000	91	385	370	COOL WHITE	90	80	115	9279 034 09400
/950															
PL-L/4P	18W	2G11	58	375	1000	56	5300	92	340	350	NATURAL DL 5300	90	80	67	9279 030 09500
PL-L/4P	24W	2G11	87	345	1500	64	5300	92	340	350	NATURAL DL 5300	90	80	92	9279 032 09500
PL-L/4P	36W	2G11	106	435	2400	67	5300	92	340	350	NATURAL DL 5300	90	80	115	9279 034 09500
PL-L/4P	55W HF	2G11	101	550	3800	87	5300	91	340	350	NATURAL DL 5300	90	80	146	9279 087 95000



Spectral power distributions



Spectral power distributions



Effects of mains voltage variations