



MASTER PL-R Eco 4 Pin

MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX

MASTER PL-R Eco is an extremely efficient compact fluorescent lamp for downlight applications. It consists of six parallel tubes with a new innovative 'twist and lock' lamp base, designed for operation with electronic gear. The MASTER PL-R Eco contains the original bridge technology invented and patented by Philips. This guarantees optimum performance in the application and results in significantly higher efficacies than with regular compact fluorescent lamps. On top of that, MASTER PL-R Eco lamps offer more than double the service life of a standard compact fluorescent lamp, thanks to superior lumen maintenance. The 'twist and lock' lamp base provides easy and safe (dis-)mounting and sturdy fixation in the luminaire.

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information		Color Designation	
Cap-Base	GR14q-1	Color Designation	Cool White (CW)
Flux measurement reference	Sphere	Chromaticity Coordinate X (Nom)	0.38
Light Technical		Chromaticity Coordinate Y (Nom)	0.38
Color Code	840 [CCT of 4000K]	Correlated Color Temperature (Nom)	4000 K
Luminous Flux	1,000 lm	Luminous Efficacy (rated) (Nom)	72 lm/W
		Color rendering index (CRI)	80

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Operating and Electrical

Power Consumption	14.7 W
Lamp Current (Nom)	0.150 A

Controls and Dimming

Dimmable	Yes
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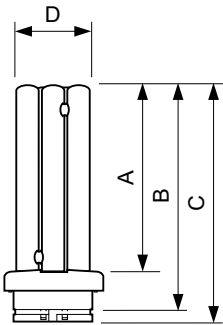
Approval and Application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	15 kWh
EPREL Registration Number	423321

Product Data

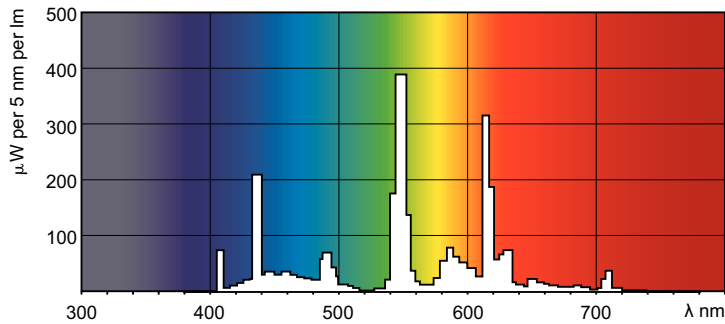
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Full product name	MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX
Full product code	871150026598270
Local code description	PLR14W840
Order code	927909984050
Material Nr. (12NC)	927909984050
Local order code	PLR14W840
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500265982
Numerator - Packs per outer box	50
EAN/UPC - Case	8711500266002

Dimensional drawing



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX	41.0 mm	99.7 mm	120.0 mm	126.6 mm

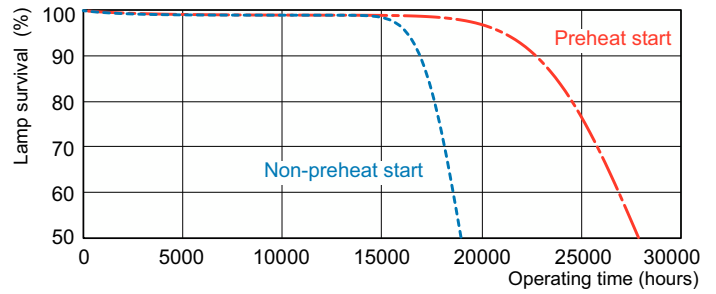
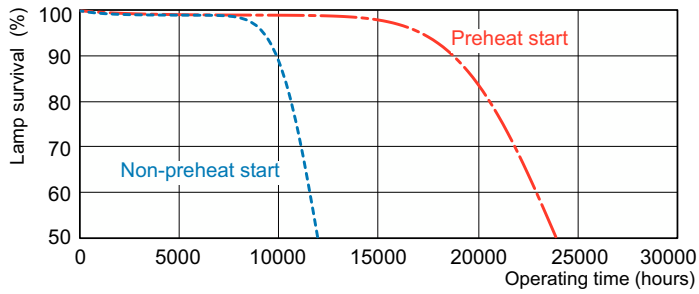
Photometric data



Spectral Power Distribution Colour - MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX

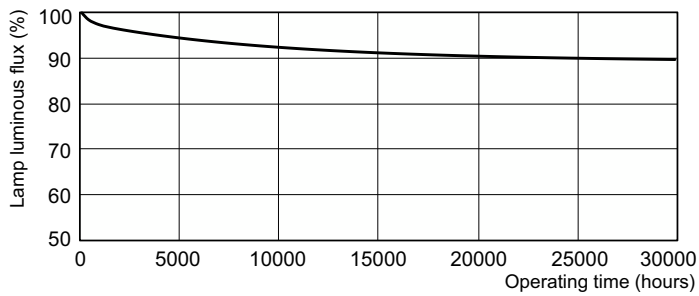
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Lifetime



Life Expectancy Diagram - MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX

Life Expectancy Diagram - MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX



Lumen Maintenance Diagram - MASTER PL-R Eco 14W/840/4P 1CT/5X10BOX

