

MASTER PL-R Eco 4 Pin

MASTER PL-R Eco 17W/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	
Cap-Base	GR14q-1
Flux measurement reference	Sphere

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	1,200 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	70 lm/W
Color rendering index (CRI)	80

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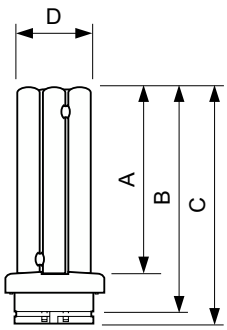
Operating and Electrical	
Power Consumption	17.7 W
Lamp Current (Nom)	0.150 A

Controls and Dimming	
Dimmable	Yes

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	18 kWh
EPREL Registration Number	423323

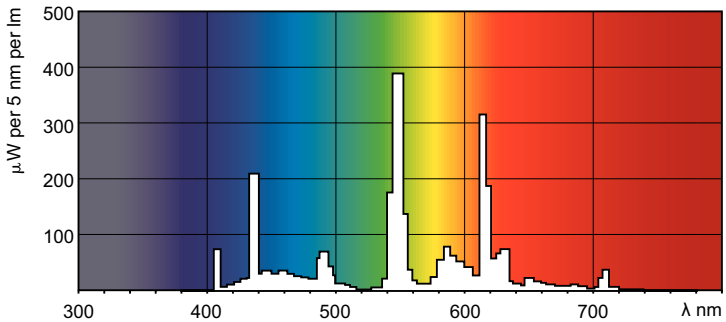
Product Data	
Order product name	MASTER PL-R Eco 17W/840/4P 1CT/5X10BOX
Full product name	MASTER PL-R Eco 17W/840/4P 1CT/5X10BOX
Full product code	871150026604070
Order code	927910084050
Material Nr. (12NC)	927910084050
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500266040
Numerator - Packs per outer box	50
EAN/UPC - Case	8711500266064

Dimensional drawing



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-R Eco 17W/840/4P 1CT/5X10BOX	41.0 mm	121.7 mm	142.0 mm	148.6 mm

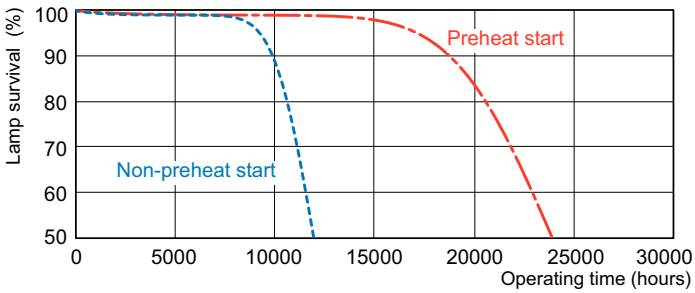
Photometric data



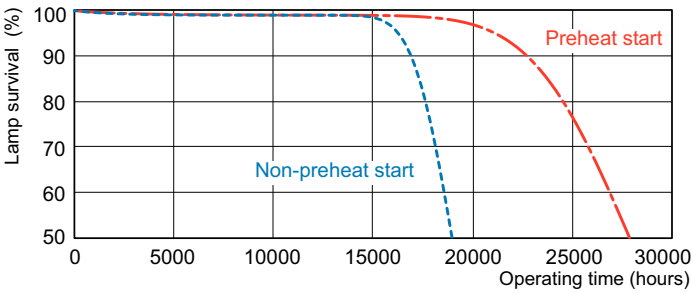
Spectral Power Distribution Colour - MASTER PL-R Eco 17W/840/4P 1CT/5X10BOX

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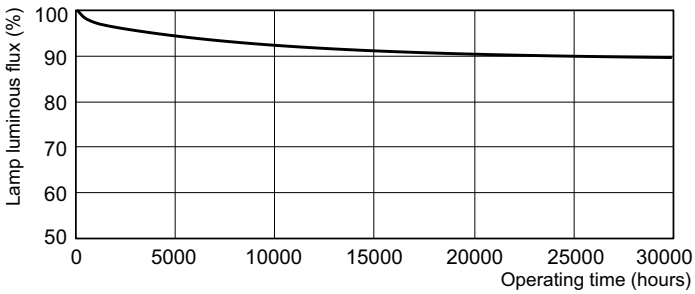
Lifetime



Life Expectancy Diagram - MASTER PL-R Eco 17W/840/4P 1CT/5X10BOX



Life Expectancy Diagram - MASTER PL-R Eco 17W/840/4P 1CT/5X10BOX



Lumen Maintenance Diagram - MASTER PL-R Eco 17W/840/4P 1CT/ 5X10BOX

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