



MASTER PL-R Eco 4 Pin

MASTER PL-R Eco 17W/830/4P 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.

Product data

General Information		Correlated Color Temperature (Nom)	
Cap-Base	GR14Q-1 [GR14q-1]	Correlated Color Temperature (Nom)	3000 K
Life to 50% Failures Preheat (Nom)	24000 h	Luminous Efficacy (rated) (Nom)	70 lm/W
LSF Preheat 2000 h Rated	99 %	Color Rendering Index (Nom)	>80
LSF Preheat 4000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 6000 h Rated	99 %	LLMF 4000 h Rated	94 %
LSF Preheat 8000 h Rated	98 %	LLMF 6000 h Rated	93 %
LSF Preheat 16000 h Rated	94 %	LLMF 8000 h Rated	92 %
LSF Preheat 20000 h Rated	87 %	LLMF 12000 h Rated	91 %
		LLMF 16000 h Rated	90 %
		LLMF 20000 h Rated	89 %
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power (Rated) (Nom)	17.8 W
Luminous Flux (Nom)	1500 lm	Lamp Current (Nom)	0.150 A
Luminous Flux (Rated) (Nom)	1250 lm		
Color Designation	Warm White (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Max)	81 lm/W		

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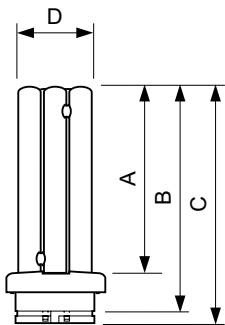
Temperature	
Design Temperature (Nom)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	4 Pins
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	20 kWh

Product Data	
Full product code	871150026601970
Order product name	MASTER PL-R Eco 17W/830/4P 1CT/ 5X10BOX
EAN/UPC - Product	8711500266019
Order code	927910083050
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927910083050
Net Weight (Piece)	83.000 g
ILCOS Code	FSM6H-17/30/1B-L/P-GR14q=1

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.

Dimensional drawing

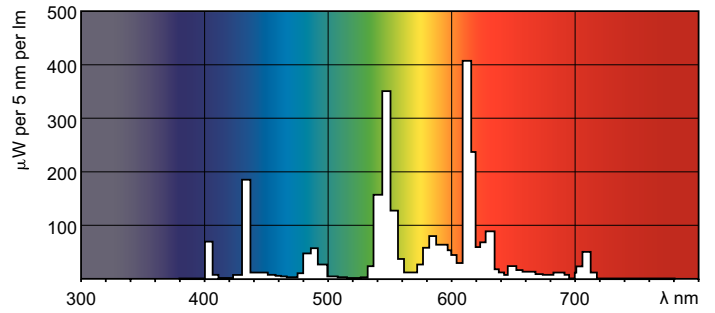
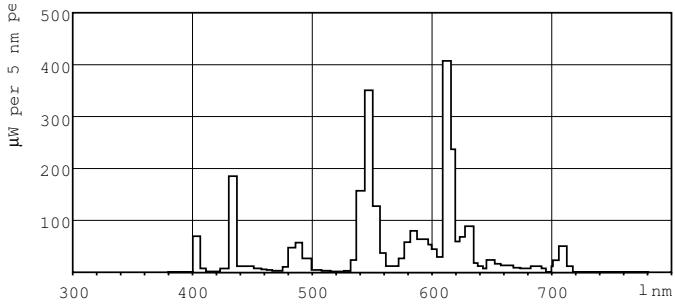


PL-R 17W/830/4P

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-R Eco 17W/830/4P 1CT/ 5X10BOX	41.0 mm	121.7 mm	142.0 mm	148.6 mm

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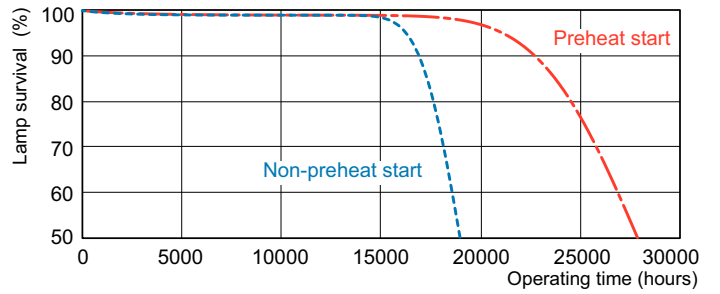
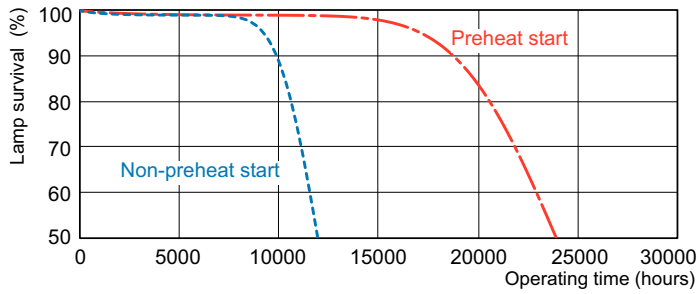
Photometric data



Lightcolor /830

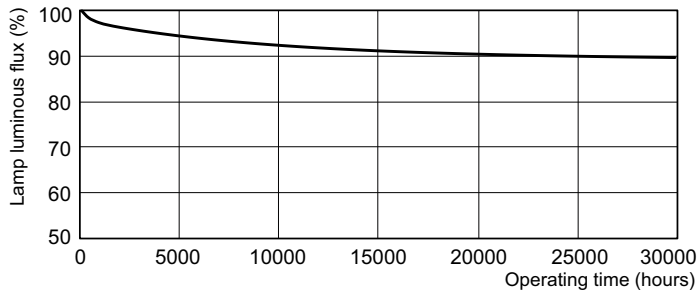
Lightcolor /830

Lifetime



Life Expectancy 3 h cycle

Life Expectancy 12 h cycle



Lumen Maintenance 3 h + 12 h cycle

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