



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.

Product data

General Information		Luminous Efficacy (@ Max Lumen, Rated) (Max)	
Cap-Base	GRI4Q-1 [GRI4q-1]		80 lm/W
Life to 50% Failures Preheat (Nom)	24000 h	Colour Temperature, horizontal (Nom)	4000 K
LSF Preheat 2000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	72 lm/W
LSF Preheat 4000 h Rated	99 %	Colour Rendering Index horiz (Nom)	82
LSF Preheat 6000 h Rated	99 %	Depreciation 2000 hrs	96 %
LSF Preheat 8000 h Rated	98 %	LLMF 4000 h Rated	94 %
LSF Preheat 16000 h Rated	94 %	Depreciation 5000 hrs	93 %
LSF Preheat 20000 h Rated	87 %	LLMF 8000 h Rated	92 %
		LLMF 12000 h Rated	91 %
		LLMF 16000 h Rated	90 %
		LLMF 20000 h Rated	89 %
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4000K]	Power (Rated) (Nom)	14.5 W
Luminous Flux (Nom)	1200 lm		
Luminous Flux (Rated) (Nom)	1050 lm		
Colour Designation	Cool White (CW)		

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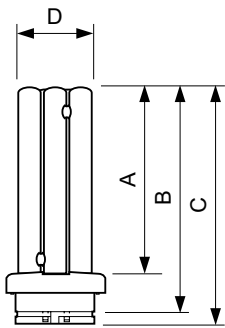
Lamp Current (Nom)	0.150 A
Temperature	
Design Temperature (Nom)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	4P
Approval and Application	
Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	17 kWh

Product Data

Full product code	871150026598270
Order product name	MASTER PL-R Eco 14W/840/4P 1CT/ 5X10BOX
EAN/UPC - Product	8711500265982
Order code	26598270
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927909984050
Net Weight (Piece)	70.000 g
ILCOS Code	FSM6H-14/40/1B-L/P-GR14q=1

Warnings and Safety

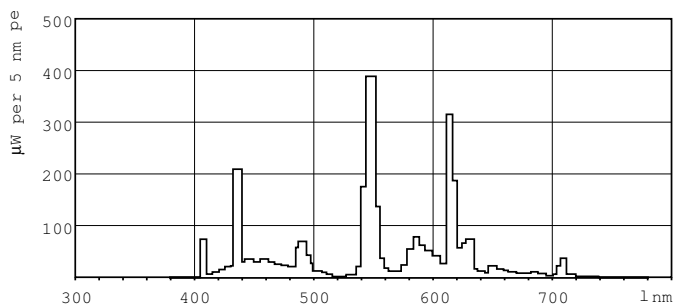
Dimensional drawing



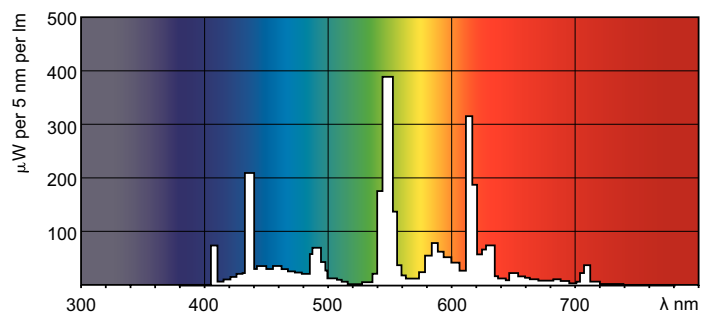
PL-R 14W/840/4P

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



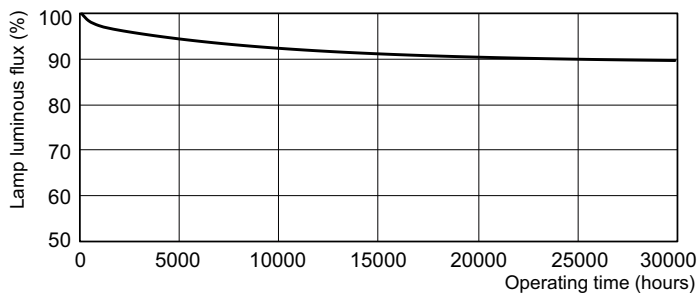
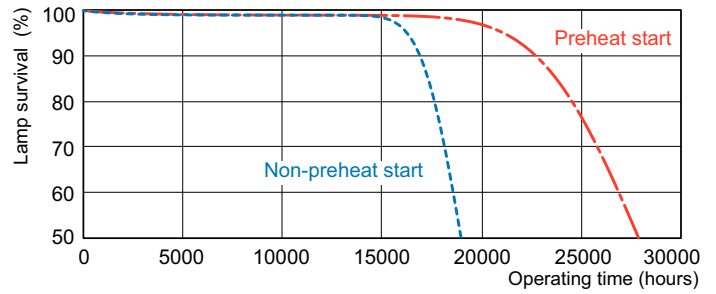
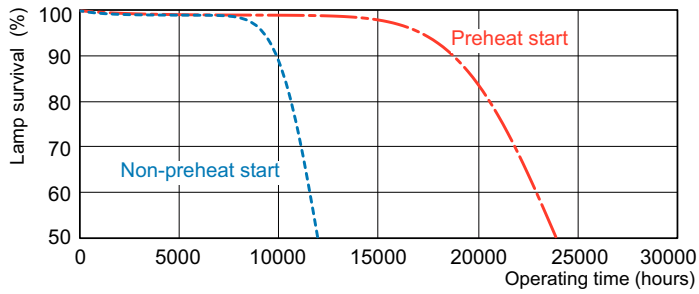
Lightcolour /840



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Lifetime



LDLM_PLR4P_0001-Lumen maintenance diagram

