



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.

Product data

General Information	
Cap-Base	GR14Q-1 [GR14q-1]
Life to 50% Failures Preheat (Nom)	24000 h
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	98 %
LSF Preheat 16000 h Rated	94 %
LSF Preheat 20000 h Rated	87 %
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	1500 lm
Luminous Flux (Rated) (Nom)	1250 lm
Color Designation	Cool White (CW)

Luminous Efficacy (@ Max Lumen, Rated) (Max)	81 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	70 lm/W
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	94 %
LLMF 6000 h Rated	93 %
LLMF 8000 h Rated	92 %
LLMF 12000 h Rated	91 %
LLMF 16000 h Rated	90 %
LLMF 20000 h Rated	89 %
Operating and Electrical	
Power (Nom)	17.8 W

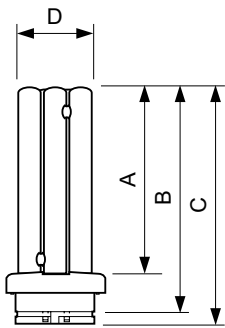
MASTER PL-R Eco 4 Pin

Lamp Current (Nom)	0.150 A
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	871150026604070
Order product name	MASTER PL-R Eco 17W/840/4P 1CT/ 5X10BOX
EAN/UPC - Product	8711500266040
Order code	927910084050
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927910084050
Net Weight (Piece)	83.000 g
ILCOS Code	FSM6H-17/40/1B-L/P-GRI4q=1

Warnings and Safety

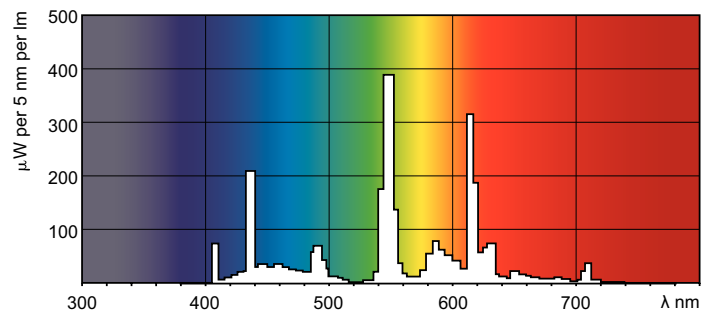
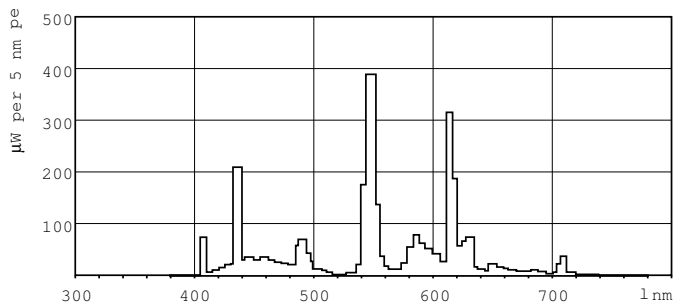
Dimensional drawing



PL-R 17W/840/4P

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

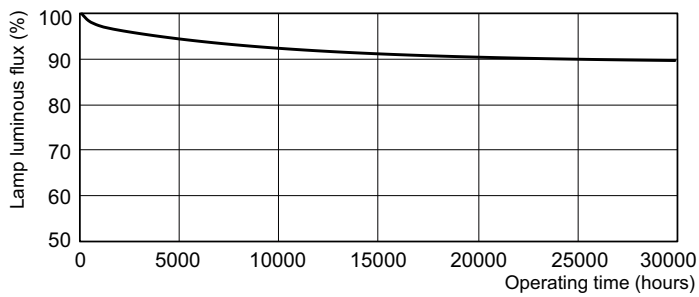
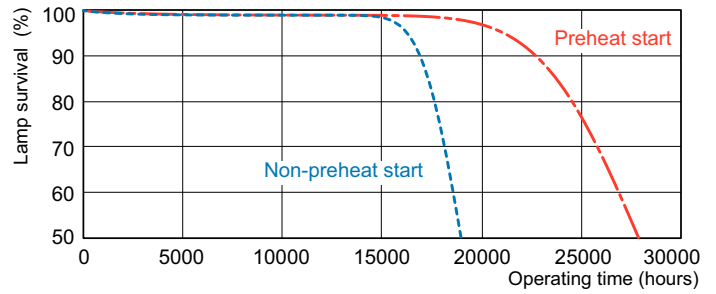
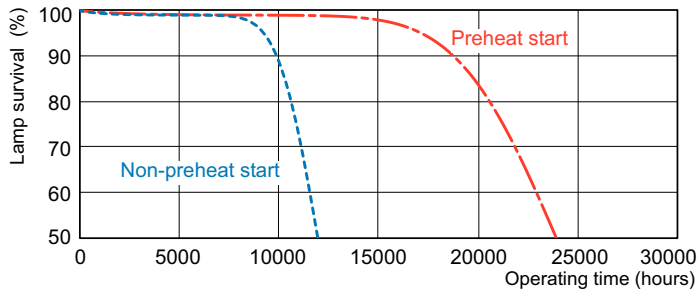
Photometric data



LDPB_PLR4P_840-Spectral power distribution B/W

MASTER PL-R Eco 4 Pin

Lifetime



LDLM_PLR4P_0001-Lumen maintenance diagram

