

MASTER PL-R Eco 4 Pin

MASTER PL-R Eco 14W/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

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

Colour Code	830 [CCT of 3000K]
Luminous Flux (Nom)	1050 lm
Luminous Flux (Rated) (Nom)	1050 lm
Colour Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Max)	80 lm/W
Chromaticity Coordinate X (Nom)	441
Chromaticity Coordinate Y (Nom)	401
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	72 lm/W
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	94 %
Depreciation 5000 hrs	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 (Rated) (Nom)	14.5 W
Lamp Current (Nom)	0.150 A

• Temperature

Design Temperature (Nom)	35 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap-Base Information	4P

PHILIPS

MASTER PL-R Eco 4 Pin

- Approval and Application

Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	17 kWh

- Product Data

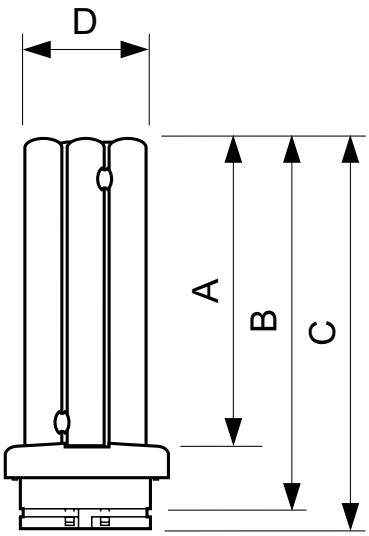
Full product code	871150026595170

Order product name	MASTER PL-R Eco 14W/830/4P 1CT/5X10BOX
EAN/UPC - Product	8711500265951
Order code	26595170
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927909983050
Net Weight (Piece)	70.000 g
ILCOS Code	FSM6H-14/30/1B-L/P-GR14q=1

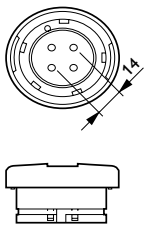
Warnings and Safety

- 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



GR14q-1, 4P

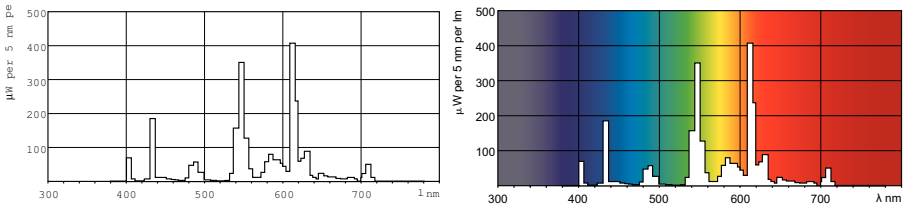


PL-R 14W/830/4P

Product	D	A	B	C
MASTER PL-R Eco 14W/830/4P 1CT/5X10BOX	41.0 mm	99.7 mm	120.0 mm	126.6 mm

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Photometric data



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2015, December 28
data subject to change