

# Compact fluorescent lamps non-integrated

## MASTER PL-H 4-pin



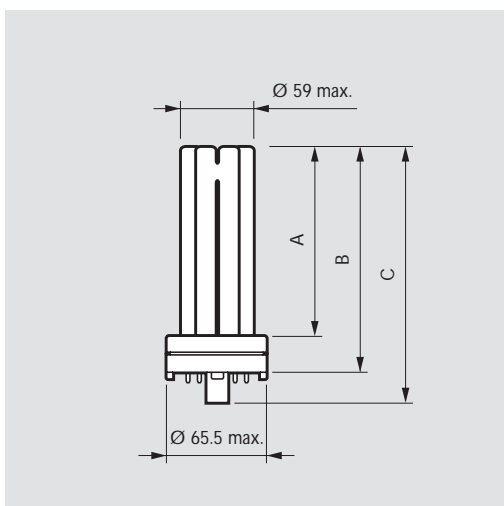
The MASTER PL-H 4-pin range of lamps forms part of the compact fluorescent non-integrated family of lamps. These compact long-arc low-pressure mercury very high-output discharge lamps have a clear glass envelope consisting of six parallel narrow fluorescent tubes welded together at the bottom and near the ends. They have a four-pin base for universal application with high-frequency electronic ballast. The lamps have two preheated tungsten electrodes and are filled with a mixture of saturated mercury (amalgam) vapour and an inert buffer gas.

Dimming is possible with appropriate electronic control gear (not yet available). The lamp characteristics are influenced by operating conditions and control gear used.

### Applications

- General and decorative lighting in professional medium- and high-bay environments like public buildings, shopping centres, industry, transport buildings (airports, railway and bus stations)
- Maximum design freedom with a compact very high output fluorescent light source for omni-directional luminaires
- Compact uplighting
- Outdoors in residential areas and parks

These lamps are well suited for use in combination with electronic control gear. This enables controllable light output, HF operation and independence from the supply system. For example the lamps can be operated on AC or DC supply and a wide range of supply voltages.



Dimensions in mm

Type	A max.	B max.	C max.
60 W	141	167	182
85 W	182	208	223
120 W	259	285	300



Type	Cap/base	Lamp voltage V	Lamp current mA	Lumen output lm	Efficacy lm/W	Colour temperature K	Colour designation	Lumen maintenance 5000 hrs %	Lumen maintenance 10000 hrs %	Net weight g	EOC
<b>/ 830</b>											
MASTER PL-H 60W/830/4P A	2G8	76	800	4000	67	3000	warm white	89	85	130	tbd
MASTER PL-H 85W/830/4P A	2G8	109	800	6000	69	3000	warm white	89	85	165	tbd
MASTER PL-H 120W/830/4P A	2G8	154	800	9000	73	3000	warm white	89	85	215	tbd
<b>/ 840</b>											
MASTER PL-H 60W/840/4P A	2G8	76	800	4000	67	4000	cool white	89	85	130	tbd
MASTER PL-H 85W/840/4P A	2G8	109	800	6000	69	4000	cool white	89	85	165	tbd
MASTER PL-H 120W/840/4P A	2G8	154	800	9000	73	4000	cool white	89	85	215	tbd