



# Balcan Lamp Recycling Systems

MP6000 Specification



[www.cfl-lamprecycling.com](http://www.cfl-lamprecycling.com)

GENUINELY KINDER TO THE ENVIRONMENT



## Balcan MP6000 Specification

The MP6000 is the workhorse of the Balcan Lamp Recycler Range. Capable of handling between 5-8 million lamps per year on a one shift basis, this system outperforms its competitors in terms of power consumption, maintenance requirements and quality of outputs.

### Capacity:

Whole lamps 2000-3000 / hour

Crushed lamps 4000-5000 / hour

Mix (crushed & whole) 4000 / hour

Weight equivalent 1000-1200Kg / hour

### Electrical Requirements:

Each unit is supplied to customers available electrical supply and country requirements

Consumption: Max.10 kW 3Ph

Compressed air: 7.2Nm<sup>3</sup>/h (4.5CFM)

Supply pressure: 6 bar

Connection pipe: 0,75" thread

### Mercury (Hg) Emissions from final exhaust:

Typically 0.001-0.002mg/m<sup>3</sup>

Max Permissible 0.025mg/m<sup>3</sup>

Estimated carbon filter life: 5 years

### Output Fractions:

Glass, End Caps (metal or plastic depending on lamps processed. If lamps are mixed for processing then the end cap fraction will be mixed.) Mercury Bearing Phosphor Powder

### Residual Contamination & Leachate Values

Analysed as water: Max 0.025mg/l

Analysed as Bulk Product: Typically 1-3mg/Kg

# BALCAN

BALCAN ENGINEERING LTD

Banovallum Court, Boston Road Industrial Estate, Horncastle,  
Lincolnshire, LN9 6JR United Kingdom.

Telephone +44 (0)1507 528500 • Email [info@balcan.co.uk](mailto:info@balcan.co.uk)

[www.cfl-lamprecycling.com](http://www.cfl-lamprecycling.com)



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
INNOVATION  
2006

GENUINELY KINDER TO THE ENVIRONMENT