LRPTM



Proximity Lamps Reflector



Proximity Ref

ADVANTAGES OF THE LRP™:

- Up to 40% energy saving compared to a traditional infrared halogen emitter
- Precise heating source with more directional radiation
- Focusing without external reflector
- Increased irradiance level
- Better process stability
- Enhanced lamp robustness, greater safety
- Easy installation: « Plug & Play » technology
- Retrofit for most of the infrared lamps
- Few or no modifications of existing ovens/systems/dryers are needed
- Increased lifetime



Irradiance at 20 cm operating distance

Environment advantage equivalent ton CO2 example: a standard bottle blowing machine equipped with 100 lamps of 2.5kW will produce the equivalent of 550 tons of CO2 during 5 000 hours.

Based on International Energy Agency data.

Patented Technology

Pr™ P™

Application field: • Plastics • Shoes & Fabrics • Paper • Metal • Food • Paint • Wood

TECHNICAL INFORMATION:

- New technology on the market
- LRP™ are only developed and patented by Dr. FISCHER
- Maximum reflectivity
- LRP[™] are available from 1.0 kW up to 4.0 kW 235V & 400V short wave and from 750W to 1.5 kW 235V fast medium wave both in 14 and 19 mm width.
- Self cleaning ceramic reflector
- Easy and reduced maintenance
- LRP™s have a 5 000 hours guarantee



	Lamp with standard reflector / 98 (2kW)	Lamp with white re- flector /83 (-10%)	LRP™(-22%)
Energy consumption during lifetime	10 000kWh	9 000kWh	7 800kWh
Energy cost during lifetime	1210€*	1090€*	944€*
Energy saving	/	120€	266€

*Based on average European cost of 0.121€/kWh. Source : Eurostat 2015

DR. FISCHER Europe,

development & production partner of your customized lighting & heating solutions

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