



Presenting merchandise in the best light

The new POWERBALL® Shoplight HCl® with
improved colour rendering.



SEE THE WORLD IN A NEW LIGHT



Natural colours thanks to excellent red rendering: POWERBALL® Shoplight HCl®

Anyone hoping to sell exclusive products will pay particular attention to presenting these products in the most attractive way possible. The new POWERBALL® Shoplight HCl® high-pressure discharge lamp from OSRAM has such an excellent natural colour rendering that it will always show your products in the best possible light.

In modern shop lighting, natural colour rendering – particularly at the red end of the spectrum (colour rendering index R_9) – is of particular importance. In conventional high-pressure lamps based on sodium vapour technology for shop lighting, the red component has to be artificially boosted for technical reasons – at the cost of true colour rendering and luminous flux.

Now at long last there is a really brilliant alternative that sets new standards in shop lighting – one that does not involve any compromises.

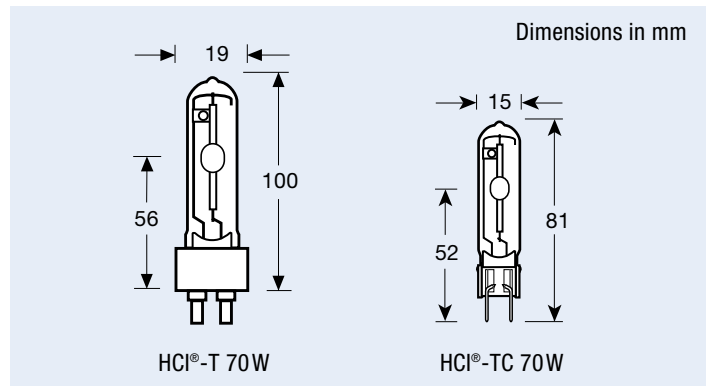
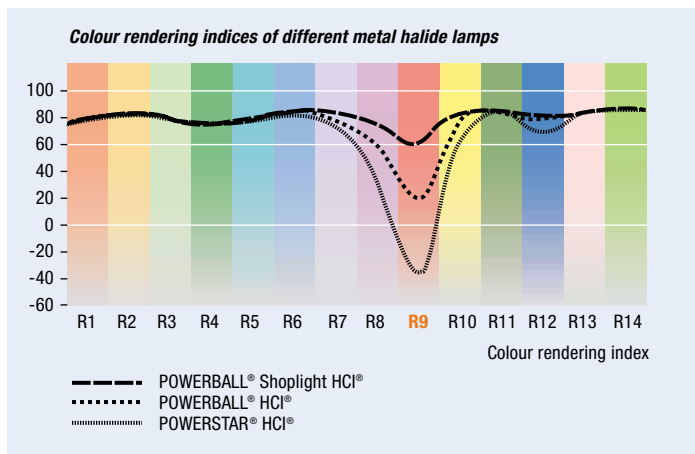
The new POWERBALL® Shoplight HCl® from OSRAM not only have extremely good natural colour rendering, they also offer high luminous flux.

And here's a real bonus: Because they are fully compatible, POWERBALL® Shoplight HCl® lamps can quickly and easily be fitted in place of standard high-intensity discharge lamps with TC or T bases. With POWERBALL® Shoplight HCl®, OSRAM offers a generation of lamps that requires neither a self-contained system solution nor special bases. They can therefore be used as direct replacements for existing metal halide lamps.

Obvious benefits of POWERBALL® Shoplight HCl®:

- Natural brilliant colour rendering: $R_a = 95/1A$, $R_9 \geq 60$
- More light: $\phi = 6400$ lm at 73 W
- More economical: luminous efficacy of 88 lm/W
- Simple replacement
- 35 W addition to the range in preparation

Optimum rendering of all colours



Technical data

Reference	POWERBALL® Shoplight HCl® T	POWERBALL® Shoplight HCl® TC
Average life	12000 h	12000 h
Wattage	73 W	73 W
Luminous flux	6400 lm	6300 lm
Luminous efficacy	88 lm/W	86 lm/W
Colour temperature	3000 K	3000 K
Colour rendering R_a	95	95
Red rendering R_9	≥ 60	≥ 60
Base	G12	G8.5

Making the impossible possible: POWERBALL® technology

Setting new standards. POWERBALL® HCl® high-intensity discharge lamps with patented OSRAM technology meet the highest demands in terms of quality of light, stability and colour rendering. Compared with previous metal halide lamps with cylindrical ceramic arc tubes, POWERBALL® HCl® offers the following:

- Extremely good colour rendering
- Excellent colour stability
- Best light distribution
- Outstanding luminous flux maintenance
- Long life
- Rapid starting
- Identical bases
- Open system (works with all control gear currently on the market)

For perfect system operation: POWERTRONIC® PTi

The new POWERTRONIC PTi electronic control gear ensures optimum operation of the POWERBALL® Shoplight HCl® lamp.

- Up to 15% higher system efficacy
- Much improved luminous flux maintenance
- Optimum colour stability
- Rapid starting
- Reliable shutdown at the end of a lamp's life or in critical operating states
- Much longer lamp life



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