



Always trendy – Powerball HCI[®] lamps from OSRAM.

Efficient, powerful, impressive.



SEE THE WORLD IN A NEW LIGHT

OSRAM



Selling is their business: POWERBALL HCI® from OSRAM.



HCI® metal halide lamps from OSRAM with POWERBALL® ceramic technology offer impressive luminous efficacy, long life, excellent color rendering and low heat output. They produce their optimum performance when used in a system with POWERTRONIC® electronic control gear from OSRAM.

POWERBALL HCI® lamps were developed specifically for demanding lighting tasks in professional sales outlets, exhibition areas and showrooms. These successful sales professionals not only have extremely natural color rendering at the red end of the spectrum, they also offer high luminous flux.



POWERBALL HCI® lamps produce a lot of light but take up very little space. Thanks to their compact design their light is virtually the same as that of a point light source.

The range.

AVAILABLE
SOON!



Even better than their predecessors: The next generation of POWERBALL HCl®.

- Longer life, higher efficiency and better color rendering than the first generation
- Ideal for high-quality displays in the textiles and food sectors
- Average life of up to 15,000 hours
- High luminous flux for higher efficiency up to 110 lm/W
- Versions: HCl®-T and HCl®-TC each in 35W, 50W and 70W
- Approved for use in enclosed luminaires
- OSRAM UV filter technology*



Simple relamping in open luminaires: POWERBALL HCl®-TX/P.

- The smallest HCl® lamps in “Protected version” from OSRAM for decorative open luminaires
- Twist&Lock base:
 - Simple relamping
 - Excellent distribution of light thanks to precise positioning in the reflector
- High luminous flux for higher efficiency up to 100 lm/W
- OSRAM UV filter technology*



The smallest metal halide lamps from OSRAM: POWERBALL HCl®-TF.

- Ideal for very small luminaires and high illumination levels
- Twist&Lock base: simple handling, precise positioning in the luminaire
- Approved for use in enclosed luminaires
- OSRAM UV filter technology*

* Benefits of OSRAM UV filter technology: reduced material load within the luminaire and clear compliance with the requirements of IEC 61167.

Extremely understated, but very effective: miniaturized luminaires with compact HCl® lamps and PTi ECGs from OSRAM emphasize form and color to great effect without themselves becoming the focal point.



1



2



3



4

The perfect system partners for 20W and 35W HCl® lamps: POWERTRONIC® PTi 20 and PTi 35 MINI.

- System benefits: up to 15 % higher system efficiency, significantly higher luminous flux and up to 30 % longer lamp life compared with conventional control gear
- The system comprising mini ECG and mini lamp provides the basis for miniaturized luminaire design
- 40,000 hour** ECG life at maximum t_c temperature
- For products see Figs. 1 to 3

New Plug & Play ECG for simple installation: POWERTRONIC® PTi 35/70 SNAP.

- With integrated plug/socket system and strain relief
- Luminaire side: universal ST 18 socket
- Supply side: GST 18 plug
- All the benefits of the successful PTi family, such as 40,000 hour** life at maximum t_c temperature, excellent thermal properties, optimum EMC behavior
- For product see Fig. 4

** Maximum failure rate 10 %

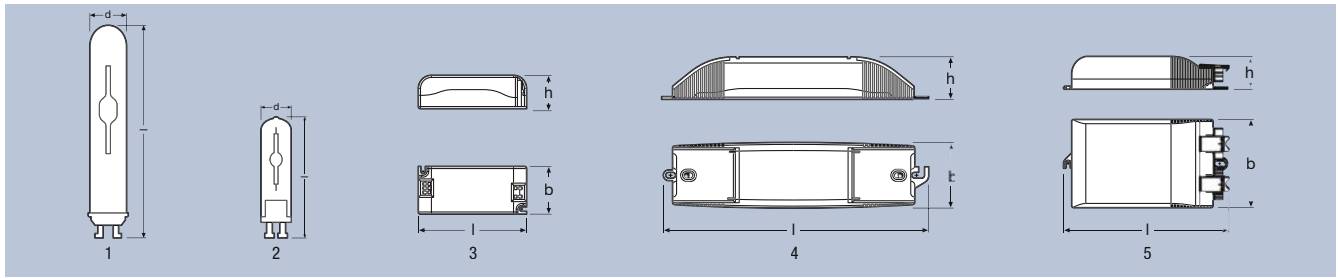
OSRAM System+ guarantee.

If OSRAM ECGs and HCl® high-intensity discharge lamps from OSRAM are used in combination then OSRAM provides a 1-year guarantee on HCl® high-intensity discharge lamps and a full 5-year guarantee on POWERTRONIC® electronic control gear.

For more information and the terms and conditions of the guarantee go to www.osram.com/system-guarantee.



TECHNICAL DATA



Product reference	Product number	W	lm	K	t [h]	$\frac{l \text{ max.}}{[mm]}$	$\frac{d \text{ max.}}{[mm]}$	No.	
OSRAM POWERBALL HCI®-TX/P									
HCI-TX/P 35 W/930 PB	400321539366	35	3300	3000	12000	98	22	1	
HCI-TX/P 35 W/942 PB	400321539380	35	3300	4200	12000	98	22	1	
HCI-TX/P 70 W/930 PB	400321539403	70	7300	3000	12000	98	22	1	
HCI-TX/P 70 W/942 PB	400321539427	70	7300	4200	12000	98	22	1	
OSRAM POWERBALL HCI®-TF									
HCI-TF 20/830 WDL PB	4008321517685	20	1700	3000	12000	57	13	2	
HCI-TF 35/930 WDL PB	4008321964427	35	3400	3000	12000	57	13	2	
Product reference	Product number	W	T _a	T _c	t [h]	$\frac{l}{[mm]}$	$\frac{b}{[mm]}$	$\frac{h}{[mm]}$	No.
OSRAM POWERTRONIC® PTi 20									
PTi 20/220-240 S	4008321353290	20	-25...+60	80	40000	97	43	30	3
PTi 20/220-240 B	4008321391490	20	-25...+65	105	40000	94	40	27	—
PTi 20/220-240 I	4008321404763	20	-25...+60	75	40000	183	50	32	4
OSRAM POWERTRONIC® PTi 35 MINI									
PTi 35/220-240 S MINI	4008321955906	35	-25...+50	80	40000	97	43	30	3
PTi 35/220-240 B MINI	4008321955913	35	-25...+55	105	40000	94	40	27	—
OSRAM POWERTRONIC® PTi 35 und 70 SNAP									
PTi 35/220-240 SNAP	4008321955920	35	-25...+65	80	40000	155	83	31	5
PTi 70/220-240 SNAP	4008321955937	70	-25...+50	80	40000	155	83	31	5

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member of
voltimum
 .com

DURABLE

Excellent durability, low lamp replacement costs.



RELIABLE

Permanent high quality and quantity of light.

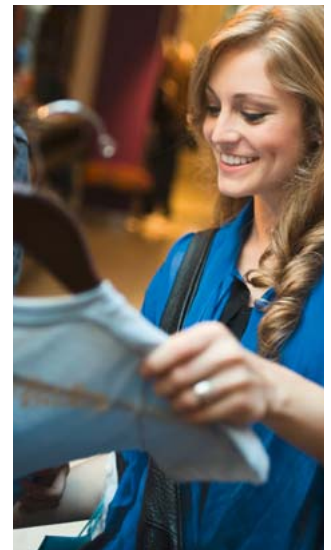


AUTHENTIC

Excellent color rendering, natural colors.

POWERFUL

Great effect, low costs.



GENTLE

The UV filter protects colors, materials and the luminaire.