



*More guarantee details under www.osram.com/system-guarantee



Product features

- Brilliant white light for outdoor illumination
- High lamp survival factor (95 % / 16,000 h)
- Long average lifetime: up to 24,000 hours
- High light efficiency: up to 125 lm/W
- Dimmable
- 1:1 replacement at NAV® luminaires is possible
- Low maintenance and installation efforts
- Short amortization period in case of replacement of mercury vapor lamps (HQL®)
- ErP compliant according to EU Directive 245/2009, lamps are available beyond 04.2017
- Optimum energy efficiency on POWERTRONIC® PTo ECGs

Long life
Energy efficient
Brilliant

Light is even more attractive now
White light in outdoor applications with
POWERBALL HCl[®]-ET/-TT SUPER 4Y

Light is OSRAM

OSRAM 

POWERBALL HCI[®] SUPER 4Y



POWERBALL HCI[®]-ET SUPER 4Y



POWERBALL HCI[®]-TT SUPER 4Y

The electronic drivers POWERTRONIC[®] from OSRAM are perfect for high pressure discharge lamps to operate them intelligently.

The extended guarantee is valid within a system match between POWERTRONIC[®] ECG and the corresponding NAV[®] lamp.

More details of usage, guarantee details and the register document can be found online under www.osram.com/system-guarantee

System overview POWERBALL HCI[®]-ET/-TT SUPER 4Y and POWERTRONIC[®] PTo

Product reference	Product number	Electronic control gear	Product number
HCI-ET 35 W/830 SUPER 4Y	40528999 24994	PTo 35/220-240	4008321 956323
HCI-ET 50 W/830 SUPER 4Y	4052899 108073	PTo 50/220-240 3DIM	4008321 956347
HCI-ET 70 W/830 SUPER 4Y	4052899 044753	PTo 70/220-240 3DIM	4008321 959355
HCI-TT 35 W/830 SUPER 4Y	4052899 925007	PTo 35/220-240	4008321 956323
HCI-TT 50 W/830 SUPER 4Y	4052899 108035	PTo 50/220-240 3DIM	4008321 956347
HCI-TT 70 W/830 SUPER 4Y	4052899 044715	PTo 70/220-240 3DIM	4008321 959355
HCI-TT 100 W/830 SUPER 4Y	4052899 108097	PTo 100/220-240 3DIM	4008321 956361
HCI-TT 150 W/830 SUPER 4Y	4052899 925014	PTo 150/220-240 3DIM	4008321 956385
HCI-TT 250 W/830 SUPER 4Y	4052899 081826	PTo 250/220-240 3DIM	4008321 863669

More details for lamps and ECG values at www.osram.com/hpd

Replacement options of mercury vapor lamps with POWERBALL HCI[®] SUPER 4Y

HQL [®] lamps Wattage	HCI [®] lamp type	Electronic control gear	Energy savings up to
50 W	➔ HCI-ET 35 W/830 Super 4Y	+ PTo 35/220-240	➔ 26 %
80 W	➔ HCI-ET 35 W/830 Super 4Y	+ PTo 35/220-240	➔ 52 %
125 W	➔ HCI-ET 50 W/830 Super 4Y	+ PTo 50/220-240 3DIM	➔ 60 %
250 W	➔ HCI-TT 100 W/830 Super 4Y	+ PTo 100/220-240 3DIM	➔ 60 %

Operation and installation guidelines:

- POWERBALL HCI[®]-ET/-TT lamps are only approved for enclosed luminaires
- Please check the conditions of the supply cables to the ballast and the socket before to start the replacement
- Recommendation: cables should be replaced with silicon cables; e.g. luminaire tube cables or double isolated cables