

Energy efficient and green **lighting solutions**

High Pressure Discharge Lamps impacted by

EU – guide line
EU 2009/125/EG

EU – guide line
EG Nr 245/2009 – EG Nr 347/2010

Reliability and premium product quality during the entire life time of a NARVA High Pressure Discharge Lamp in combination with the rising awareness of energy efficient and ecological needs will shape the future of commercial and urban lighting solutions. Narva will face this development by providing market oriented and innovative products and services.



Implementation within 2 steps

Step 1

- **April 13th 2012** Narva will implement the following changes according to the guide lines (EG 245/2009) and (EG 347/2010).
 - High Pressure Sodium Vapour Lamps
 - Base types E27 and E40 and
 - Power consumption less than 600Wwill be phased out.
 - This product types will be replace by the following innovative Super type (NAT-S, NAE-S, NAC-S,NAT-D/S, NAE-D/S, NAC-D/S)
 - Super Types offer the following advantages
 - Improved energy efficiency with up to 150 Lumen /Watt
 - Up to 20% more Light and higher lumen maintenance
 - Up to 25% improved life time compared with Standard types
 - **The following products are exclude in step 1**
 - High Pressure Sodium Vapour Lamps with power consumption of more than 600 Watt (NAT 1000W, NAT-I 1000W,NAE 1000W,NAC 1000W, NA-DE, NA-PI)
 - High Pressure Sodium Vapour Lamps Super types (NA-S)
 - High Pressure Sodium Vapour Lamps Duo (NA-D)
 - High Pressure Sodium Vapour Lamps Plug In (NA-PI)
 - Narva Metal Halide Lamps
 - Narva High Pressure Mercury Vapour Lamps (NFE, NFC)

Step 2

- **April 13th 2015** the second phase of restructuring the Narva portfolio will be rolled out in the following way
 - Narva High Pressure Mercury Vapour Lamps (NFE, NFC)
 - Blended Light Lamps (NME)
 - Retrofit/Plug-in High Pressure Sodium Vapour Lamps (NA-PI)
 - With base types E27 and E40will be faced out.
- **The following products are exclude in step 2**
 - High Pressure Sodium Vapour Lamps with power consumption of more than 600 Watt
 - High Pressure Sodium Vapour Lamps (Super types) (NAT-S, NAE-S, NAC-S,NAT-D/S, NAE-D/S, NAC-D/S)
 - Narva Metal Halid Lamps*

*Spiegelt den aktuellen Stand der Verordnungen wieder. Präzisierung durch die EU bis spätestens 13.04.2014