

SYLVANIA

ErP

STAGE 3
AND ITS EFFECT
ON HID LIGHTING



The move to energy efficient lighting

Stage 3 of the ErP legislation (EC245/2009) starts on the 12th April 2017 and requires all inefficient light sources to be phased out. A number of popular lighting types will no longer be available for sale.

by **FEILO SYLVANIA**

ERP LEGISLATION – A MOVE TO MORE ENERGY EFFICIENT LIGHTING

Over the last 8 years the lighting industry has seen many changes in its lamp portfolio as we strive to move to more energy efficient lighting. In 2009 the Energy Related Product legislation was created to ensure the phase-out of inefficient lighting.

From 12 April 2017, Stage 3 of the Energy Related Product Legislation (EC245/2009) will be implemented. All products which do not comply to the new Ecodesign requirements cannot be placed on the market. For Sylvania, this will affect a number of popular HID lamps.



STAGE 3 REQUIREMENTS

As the legislation reaches its third stage, a number of popular lamp types within the Sylvania portfolio will be affected.

HID

The new requirements affect Metal Halide lamps only with E27, E40 & PGz12 caps.

Metal halide lamps shall have rated luminous efficacies as follows:

Nominal lamp wattage (W)	Rated Lamp Efficacy (lm/W) – Clear Lamps	Rated Lamp Efficacy (lm/W) – Not Clear Lamps
$W \leq 55$	≥ 70	≥ 65
$55 < W \leq 75$	≥ 80	≥ 75
$75 < W \leq 105$	≥ 85	≥ 80
$105 < W \leq 155$	≥ 85	≥ 80
$155 < W \leq 255$	≥ 85	≥ 80
$255 < W \leq 405$	≥ 90	≥ 85

Note: lamps with $T_c \geq 5000K$ or with a second lamp envelope should fulfil 90% of these lamp efficacy requirements.

The lamps also have to fulfil the below lumen maintenance factors and lamp survival factors

Burning Hours	Lamp lumen maintenance factor	Lamp survival factor
12 000	$> 0,80$	$> 0,80$

INFLUENCE OF THE ERP REGULATIONS ON THE SYLVANIA HID PORTFOLIO

To make sure that the Sylvania portfolio complies after April 2017, we are currently working on product upgrades and/or replacements for the impacted lamps, details of these to follow soon.



Relumina
All lamps comply



Superia CMI-T
All lamps comply



Superia CMI-TC
All lamps comply



Superia CMI-TD
All lamps comply



CMI-T
All lamps comply



CMI-TC
All lamps comply



CMI-TD
All lamps comply



Superia CMI-TT
Upgrade in progress,
will be compliant



Britespot ES50/ESD50
All lamps comply



Britespot ES111/ESD111
All lamps comply



HSI-MetalArc
**Phase-out from
12th April 2017**
Update in progress



HSI-TD MetalArc
All lamps comply

INFLUENCE OF THE ERP REGULATIONS ON THE SYLVANIA HID PORTFOLIO

To make sure that the Sylvania portfolio complies after April 2017, we are currently working on product upgrades and/or replacements for the impacted lamps, details of these to follow soon.



HSI-SX/HSI-TSX BriteLux
**Phase-out from
12th April 2017**
Update in progress

HSI-HX/HSI-THX
**Phase-out from
12th April 2017**
Update in progress

HSI-T
Exempted from ErP
regulation

HSI-T Daylight
**Phase-out from
12th April 2017**
Update in progress



HSI-TD
Exempted from
ErP regulation



SHP-S/SHP-TS TwinArc
All lamps comply



SHP-S/SHP-TS Super
All lamps comply



SHP/SHP-T Standard
All lamps comply



SHP/SHP-T Basic Plus
All lamps comply



SHP Self-Starting
All lamps comply

EFFECT ON SYLVANIA METAL HALIDE LAMPS

The following lamps will be phased-out from April 2017



HSI-HX/HSI-THX

Item code	Description
20346	HSI-HX 250W/CO 4K BASIC
20347	HSI-HX 400W/CO 4K BASIC
20393	SA HSI-THX 250W BASIC 4K E40 SLV
20544	SA HSI-THX 400W BASIC 4K E40 SLV
20350	SA HSI-HX 400W CO 4K E40 SLV
20351	SA HSI-HX 400W CO/I 4K E40 SLV
20353	SA HSI-HX 400W CL 4K E40 SLV
20355	SA HSI-HX 250W CO 4K E40 SLV
20357	SA HSI-HX 250W CL 4K E40 SLV
20394	SA HSI-THX 250W 4K E40 SLV
20546	SA HSI-THX 400W 4K E40 SLV



HSI-T

Item code	Description
20530	SA HSI-T 250W 6K E40 SLV
20531	SA HSI-T 400W 6K E40 SLV



HSI-MP MetalArc

Item code	Description
20810	SA HSI-MP 70W CL 3K E27 SLV
20811	SA HSI-MP 70W CO 3K E27 SLV
20812	SA HSI-MP 70W CL 4K E27 SLV
20813	SA HSI-MP 70W CO 4K E27 SLV
20820	SA HSI-MP 100W CL 3K E27 SLV
20821	SA HSI-MP 100W CO 3K E27 SLV
20822	SA HSI-MP 100W CL 4K E27 SLV
20823	SA HSI-MP 100W CO 4K E27 SLV
20830	SA HSI-MP 150W CL 3K E27 SLV
20831	SA HSI-MP 150W CO 3K E27 SLV
20832	SA HSI-MP 150W CL 4K E27 SLV
20833	SA HSI-MP 150W CO 4K E27 SLV



HSI-SX / HSI-TSX Britelux

Item code	Description
20771	SA HSI-SX 250W CO 4K E40 SLV
20772	SA HSI-SX 250W CL 4K E40 SLV
20773	SA HSI-SX 400W CO/P 4K E40 SLV
20774	SA HSI-SX 400W CL/P 4K E40 SLV
20775	SA HSI-SX 250W CO/P 4K E40 SLV
20776	SA HSI-SX 250W CL/P 4K E40 SLV
24407	SA HSI-TSX 250W 4K E40 SLV
24409	SA HSI-TSX 400W 4K E40 SLV



SYLVANIA

EUROPE

Head Office

London
T. +44 (0) 20 7011 9700
info.eu@feilosylvania.com

Belgium

Antwerp
T. +32 (0)3 610 44 44
F. +32 (0)3 610 44 57
info.be@feilosylvania.com

Croatia, Slovenia, BiH, Serbia and Montenegro

Zagreb
T. +385 98 251969
info.hr@feilosylvania.com

Czech Republic and Slovakia

Bratislava
T. +421 911 236 435
info.cz@feilosylvania.com

Estonia, Latvia, Lithuania

Budapest
T. +36 1 888 0639
info.bal@feilosylvania.com

Denmark

Copenhagen
T. +46 8 556 322 00
F. +46 8 556 322 10
info.se@feilosylvania.com

Finland

Helsinki
T. +358 (0)9 5421 2100
info.fi@feilosylvania.com

France

Paris
T. +33 (0)1 55 51 11 00
F. +33 (0)1 55 51 11 08
info.fr@feilosylvania.com

Germany and Austria

Erlangen
T. +49 9131 793 0
F. +49 9131 793 345
info.de@feilosylvania.com

Greece

Athens
T. +30 210 996 65 61
F. +30 210 996 90 29
info.gr@feilosylvania.com

Hungary

Budapest
T. +36 1 888 0639
info.hu@feilosylvania.com

Italy

Milan
T. +39 02 24 12 58 11
F. +39 02 24 12 58 80
info.it@feilosylvania.com

Netherlands

Breda
T. +31 (0)76 750 44 44
info.nl@feilosylvania.com

Norway

Oslo
T. +46 8 556 322 00
F. +46 8 556 322 10
info.no@feilosylvania.com

Poland

Warsaw
T. +48 601 999 075
info.pl@feilosylvania.com

Portugal

Lisbon
T. +351 21 793 77 36/37
F. +351 21 793 77 38
info.pt@feilosylvania.com

Romania / Bulgaria

Bucharest
T. +40 (0) 720 724 647
info.ro@feilosylvania.com

Russia

Moscow
T. +7 495 935 70 48
F. +7 495 937 70 08
info.ru@feilosylvania.com

Spain

Madrid
T. +34 91 669 90 00
F. +34 91 673 73 64
info.es@feilosylvania.com

Sweden

Stockholm
T. +46 8 556 322 00
F. +46 8 556 322 10
info.se@feilosylvania.com

Switzerland

Zurich
T. +41 44305 31 80
F. +41 44305 31 81
info.ch@feilosylvania.com

UK

Newhaven
T. +44 (0) 800 440 2478
F. +44 (0) 1273 512688
info.uk@feilosylvania.com

MIDDLE EAST

United Arab Emirates

Dubai
T. +971 4 2998141
F. +971 4 2998142
info.ae@feilosylvania.com

AFRICA

South Africa

Johannesburg
T. +27 (0)11 462 0251
F. +27 (0)11 462 7399
sales.sa@feilosylvania.com

ASIA

China

Guangzhou
T. +86 20 3815 1138
F. +86 20 3869 7572
info.cn@feilosylvania.com

Malaysia

Kuala Lumpur
T. +603 2031 8788
F. +603 2031 4788
info.my@feilosylvania.com

Vietnam

Hanoi
T. +844 37 151 604
F. +844 37 151 605
info.vn@feilosylvania.com

AMERICAS

Argentina, Bolivia, Chile, Paraguay, Peru, Uruguay

Buenos Aires
T. +54 11 4546 4200
F. +54 11 4546 4228
info.ar@feilosylvania.com

Caribbean

Honduras, Nicaragua

San José
T. +506 22 107 678
F. +506 22 328 723
info.cr@feilosylvania.com

Colombia

Santafé de Bogota
T. +57 1 782 5200
F. +57 1 719 9621
info.co@feilosylvania.com

Costa Rica

Quito
T. +506 22 107 678
F. +506 22 200 338
info.cr@feilosylvania.com

Ecuador

Quito
T. +593 2 281 0773
F. +593 2 281 0007
info.ec@feilosylvania.com

El Salvador

San Salvador
T. +503 2239 2239
F. +503 2284 9670
info.sv@feilosylvania.com

Guatemala

Guatemala City
T. +502 2387 5300
F. +502 2387 5301
info.gt@feilosylvania.com

Mexico

Mexico D.F.
T. +52 55 4627 5500
F. +52 55 5387 7671
marketing@feilo-sli.com.mx

Panama

Panama City
T. +507 236 1000
F. +507 236 1315
info.pa@feilosylvania.com

Venezuela

Caracas
T. +58 212 381 0452
F. +58 212 381 0350
info.ve@feilosylvania.com

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania Europe Ltd.