



Switch to LED now!

Get ready for the EU's ban of fluorescent lights

The RoHS¹ directive of the European Union restricts the use of certain hazardous substances in electrical and electronic equipment, such as the use of mercury in lighting products. The directive included exemptions for a series of products that have now been revised by the European Commission – with great impact on fluorescent lighting products.

The SLR² (Ecodesign Regulation, in place since September 2021) additionally phases out products that fail to meet efficiency requirements. Together both regulations help protect the environment and public health by enforcing climate-friendly sustainable lighting.

Main consequences of RoHS

New

For general lighting purposes:

- A ban on T5 and T8 fluorescent lamps from August 24, 2023
- A ban on CFLni lamps from February 24, 2023

Main consequences of SLR

- A series of products already phased out by September 1, 2021
- Upcoming: ban of halogen capsules from September 1, 2023
- Upcoming: ban of T8 fluorescent lamps (600 mm, 1200 mm, 1500 mm)³

Be prepared – with Philips LED solutions

- Highest standard LED technology offers many benefits:
 - Drastically reduced energy costs and a longer lifetime
 - Similar, or even enhanced, lighting results compared to conventional products – with lower maintenance
 - LED lamps and luminaires can be integrated into smart lighting systems
- A wide portfolio of future-proof, easy to install and outstanding quality Philips LED lamps and luminaires makes the transition to LED as easy as possible in every application.

Do you want to know more?
Visit philips.com/ledconversion

¹ Reduction of Hazardous Substances in electrical and electronic equipment

² Single Lighting Regulation

³ Affected by SLR and RoHS, RoHS leading by ban date

Switching to LED made easy

Use these overviews to see which lamps are affected by the regulations, when they will phase out, and which Philips LED lamps and luminaires offer hassle-free replacement.

Products affected by RoHS	Phase out ¹		Philips LED alternatives	RoHS exemptions prolonged	
	24.02.2023	24.08.2023		24.02.2025	24.02.2027
Fluorescent lamps portfolio					
 Compact fluorescent lamps non-integrated PL-C, PL-S, PL-T, PL-L, PL-R, PL-Q					
 Compact fluorescent lamps non-integrated – long life PL-C, PL-T, PL-L Xtra					
 Linear fluorescent lamps T8					
 Linear fluorescent lamps T5					
 Linear fluorescent lamps – long life T8 Xtreme, T5 Xtra					
 Continued: Non-linear fluorescent lamps² TL-E Circular (T9), TL-D U					
 Continued: Linear fluorescent lamps for food display/industry Master TL-D food, TL5 Secura					
 Continued: Linear fluorescent lamps for emergency application					
 Continued: Linear fluorescent lamps for explosive environment/public transport³: TL-X XL, TLD 36W 1m					
HID lamps and special lighting portfolio					
 Continued: HPS (SON)					
 Continued: Metal Halide lamps (Quartz MH/Ceramic MH)					
 Continued: CDM lamps					
 Continued: MSA, MSR Lamps for Entertainment					
 Continued: HPS Lamp for Horticulture					
 Continued: TL-D colored for Entertainment, UHP Lamp for Entertainment (MSD platinum lamps) and Printing					
 Continued: UHP lamp for Projection					
 Continued: UV – A , B, C lamps (including TL-D Blacklight Blue)					

¹ Products already placed on the market may still be sold after these dates, but they may no longer be placed on the market

² Exception: MASTER T5 circular (ban date is 24.02.2023)

³ Not affected by RoHS

Products affected by SLR (Ecodesign regulation)

Phase out¹

01.09.2021

24.08.2023
by RoHS

01.09.2023

Philips LED alternatives

Other conventional lamps

	Compact fluorescent lamps CFLi (E14, E27 etc) with integrated ballast		
	Low voltage halogen lamps MR16/11 & AR111		
	High voltage halogen lamps R7s >2700 lm		
	Continued: R7s <2700 lm		
	GLS T22/T25 lamps (E.g. for use in refrigerators, sewing machines)		
	Continued: Oven lamps		
	Halogen capsules G9 / G4 / GY6.35		
	Continued: Oven lamps		
	Linear fluorescent lamps T12		
	Linear fluorescent lamps T8 ²		
	Continued: Heat IR Lamps (Red & Clear) – GLS PAR38 and R/BR types		
	Continued: Deco Night light – T17/T25 (<60 lm)		
	Continued: GLS Trains/Boats ELV 40/60W		

Please reach out to your sales contact person to receive the full conversion list in detail.

¹ Products already placed on the market may still be sold after these dates, but they may no longer be placed on the market

² T8 portfolio (600 mm, 1200 mm, 1500 mm) affected by SLR and RoHS, and RoHS leading by ban date (24.08.2023)

Replace outdated with outstanding

Philips LED lighting provides you with unbeatable quality, easy-to-install solutions for every application and helpful support before, during and after projects.

Switching to LED is easy with our products that enable 1-to-1 replacement – simply use our recommendations below for efficient and cost-effective Philips LED alternatives for the lamps banned due to EU regulations.

T5 fluorescent lamps

**MASTER LEDtube
Mains T5**

**MASTER LEDtube
InstantFit HF T5**

Phase out	EOC	LED recommendation	EOC	LED recommendation	EOC
MASTER TL5		MAS LEDtube		MAS LEDtube	
HE 14W/830	63938705	600mm HE 8W 830 T5	33425000	HF 600mm HE 8W 830 T5	74323200
HE 14W/840	63940005	600mm HE 8W 840 T5	33427400	HF 600mm HE 8W 840 T5	74325600
HE 28W/830	63946205	1200mm HE 16.5W 830 T5	33431100	HF 1200mm HE 16.5W 830 T5	74329400
HE 28W/840	63948605	1200mm HE 16.5W 840 T5	33433500	HF 1200mm HE 16.5W 840 T5	74331700
HE 35W/830	63950905	1500mm HE 20W 830 T5	33437300	HF 1500mm HE 20W 830 T5	74335500
HE 35W/840	63952305	1500mm HE 20W 840 T5	33439700	HF 1500mm HE 20W 840 T5	74337900
HO 49W/830	63954705	1500mm HO 26W 830 T5	81929600	HF 1500mm HO 26W 830 T5	74957600
HO 49W/840	63956105	1500mm HO 26W 840 T5	81931900	HF 1500mm HO 26W 840 T5	74959000
HO 54W/830	64316205	1200mm HO 26W 830 T5	81921000	HF 1200mm HO 26W 830 T5	74951400
HO 54W/840	64318605	1200mm HO 26W 840 T5	81923400	HF 1200mm HO 26W 840 T5	74953800
HO 80W/840	71045105	1500mm UO 36W 840 T5	29052500	HF 1500mm UO 36W 840 T5	41907000

T8 fluorescent lamps

**CorePro LEDtube
EM/Mains T8**

**MASTER Value LEDtube
EM/Mains T8 Ultra Output**

Phase out	EOC	LED recommendation	EOC	LED recommendation	EOC
MASTER TL-D		CorePro LEDtube		MAS LEDtube VLE	
Super 80 18W/840	63171840	600mm 8W840	32531900	1200mm UO 15.5W 830 T8	31680500
Super 80 36W/830	63195440	Recommend 840 color		1200mm UO 15.5W 840 T8	31682900
Super 80 36W/840	63201240	1200mm 14.5W840	32535700	1200mm UO 15.5W 865 T8	31684300
Super 80 36W/865	63207440	1200mm 14.5W865	32537100	1500mm UO 23W 830 T8	31686700
Super 80 58W/830	63213540	Recommend 840 color		1500mm UO 23W 840 T8	31688100
Super 80 58W/840	63219740	1500mm 20W 840	32539500	1500mm UO 23W 865 T8	31690400
Super 80 58W/865	63225840	1500mm 20W 865	32541800		

T8 fluorescent lamps

**MASTER LEDtube
EM/Mains T8 Ultra Output**

**MASTER LEDtube InstantFit
HF T8 Ultra Output**

Phase out	EOC	LED recommendation	EOC	LED recommendation	EOC
MASTER TL-D		MAS LEDtube		MAS LEDtube HF	
Super 80 36W/830	63195440	1200mm UO 14.7W 830 T8	31656000	1200mm UO 16W830 T8	68800700
Super 80 36W/840	63201240	1200mm UO 14.7W 840 T8	31658400	1200mm UO 16W840 T8	68796300
Super 80 36W/865	63207440	1200mm UO 14.7W 865 T8	31660700	1200mm UO 16W865 T8	68798700
Super 80 58W/830	63213540	1500mm UO 21.7W 830 T8	31662100	1500mm UO 24W830 T8	68806900
Super 80 58W/840	63219740	1500mm UO 21.7W 840 T8	31664500	1500mm UO 24W840 T8	68802100
Super 80 58W/865	63225840	1500mm UO 21.7W 865 T8	31666900	1500mm UO 24W865 T8	68804500
Secura 36W/840	64014740	1200mm UO 14.7W 840 T8	31658400	1200mm UO 16W840 T8	68796300
Secura 58W/840	64018540	1500mm UO 21.7W 840 T8	31664500	1500mm UO 24W840 T8	68802100
Xtreme 36W/840	55868840	1200mm UO 14.7W 840 T8	31658400	1200mm UO 16W840 T8	68796300
Xtreme 58W/840	55886240	1500mm UO 21.7W 840 T8	31664500	1500mm UO 24W840 T8	68802100

CFL-ni lamps



CorePro PLED



Phase out	EOC
MASTER	
PL-C 26W/840/4P	62336270
PL-C 18W/840/4P	62334870
PL-C 26W/840/2P	62100970
PL-L 36W/840/4P	70675140
PL-C 18W/840/2P	62093470
PL-S 9W/840/2P	26087170
PL-S 11W/840/2P	26109070
PL-L 55W/840/4P	61542840

LED recommendation	EOC
CorePro LED	
PLC 9W 840 4P G24q-3	54117300
PLC 6.5W 840 4P G24q-2	54121000
PLC 8.5W 840 2P G24d-3	54125800
PLL HF 16.5W 840 4P 2G11	73974700
PLC 6.5W 840 2P G24d-2	54129600
PLS 5W 840 2P G23	59668200
PLS 5W 840 2P G23	59668200
PLL HF 24W 840 4P 2G11	82841000

GY6.35 capsules



CorePro GY6.35 capsule non dimmable



Phase out	EOC
Caps 3000h 14.3W GY6.35 12V	
	82777200

LED recommendation	EOC
CorePro LEDcapsule	
LV 1.8-20W GY6.35 827	76779200
LV 1.8-20W GY6.35 830	76783900

G9 capsules



CorePro G9 capsule non dimmable



Phase out	EOC
Halogen MV	
Click 19.0W G9 230V CL	89577300
Click 29.0W G9 230V CL	86398700
Caps 44.0W G9 230V CL	33495300

LED recommendation	EOC
CorePro LEDcapsule	
2-25W ND G9 827	30389800
2-25W ND G9 830	30391100
3.2-40W ND G9 827	30393500
3.2-40W ND G9 830	30395900
ND 4.8-60W G9 827	65780200
ND 4.8-60W G9 830	65818200

CorePro G9 capsule dimmable



LED recommendation	EOC
CorePro LEDcapsule	
MV 2.6-25W G9 827 D	76669600
MV 4-40W G9 827 D	76673300

G4 capsules



CorePro G4 capsule non dimmable



Phase out	EOC
Halo Caps 7.1W G4 12V CL	
	33477900
Caps 3000h 7.1W G4 12V CL	
	82786400
Halo Caps 14.3W G4 12V CL	
	33481600
Caps 3000h 14.3W G4 12V CL	
	82774100

LED recommendation	EOC
CorePro LEDcapsule	
LV 1-10W G4 827	76761700
LV 1-10W G4 830	76759400
LV 1-10W G4 827	76761700
LV 1-10W G4 830	76759400
LV 1.8-20W G4 827	76765500
LV 1.8-20W G4 830	76769300
LV 1.8-20W G4 827	76765500
LV 1.8-20W G4 830	76769300

CorePro G4 capsule dimmable



LED recommendation	EOC
CorePro LEDcapsule	
LV 2.1-20W G4 827 D	76753200
LV 2.1-20W G4 827 D	76753200

