



LED
made
easy

Two new regulations for more sustainability

As your trusted partner we provide you with everything you need to know about the EU's **Ecodesign Regulation** (SLR) and **Energy Labelling Regulation** (ELR). Plus: the complete overview of recommended Philips LED alternatives for an easy transition.

As of September 2021, the EU will implement two updated regulations, both with the goal of further expanding the lighting industry's lead in sustainability by delivering significant energy savings for lighting products and systems.

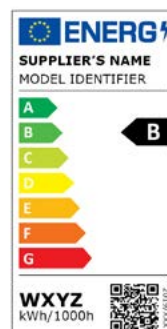
The regulation no longer distinguishes between modules, lamps and luminaires, but speaks only of light sources. As a consequence, the evaluation of energy efficiency, for example, will only take place for the light source. In the future, relevant product characteristics will be newly documented in the EPREL database (European Product Database for Energy Labelling).

The Ecodesign Regulation – improving product performance

- Optimizing the design of light sources and separate control gear for more sustainability and efficiency
- Products that fail to meet requirements will be phased out (see next page for an overview)
- Lighting installations will have to be renovated with new energy-efficient light sources

The Energy Labelling Regulation – empowerment through information

- Introduces a new consumer-friendly energy label to empower end users to choose energy efficient products
- New scale reflects how efficient a product is – the definition of A to G will change based on the new efficacy requirements



For more transparency,
efficiency, sustainability –
and a greener future

Switching to LED made easy

Products that do not achieve the minimum efficiency required by the SLR may no longer be manufactured or marketed as of certain dates. Use this overview to see which lamps are affected and which Philips LED lamps offer hassle-free replacement.

Affected products	Phase out*		Philips LED alternatives
	Sept. 2021	Sept. 2023	
 Compact fluorescent lamps CFLi (E14, E27 etc) With integrated ballast			
 Low voltage halogen lamps MR16/11 & R111			
 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 caps G9 / G4 / GY6.35			
Continued: Oven lamps			
 Linear Fluorescent lamps T12			
 Linear Fluorescent lamps T8 600 mm, 1200 mm, 1500 mm			
Continued: T5 / HID lamps			
Other continued lamps			
 Heat IR Lamps (Red & Clear) – GLS PAR38 and R/BR types			
 Deco Night light – T17/T25 (<60 lm)			
 GLS Trains/Boats ELV 40/60W			

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

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.

It was never easier for real pros to switch to LED – refer to the next pages for a list of recommended, efficient and cost-effective Philips LED alternatives for the lamps banned as of September 2021.

Economy Stick		CorePro LED bulb (Plastic)		CorePro LED bulb (Glass)	
Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
Economy Stick		CorePro LED bulb		CorePro LED bulb	
11W WW E27 220-240 1PF/6	65853500	ND 8-60W A60 E27 827	57755400	ND 7-60W E27 A60 827FR G	36124900
11W WW E27 1PF/6 SRP	65853501	ND 8-60W A60 E27 827	57755400	ND 7-60W E27 A60 827FR G	36124900
11W WW B22 1PF/6 SRP	65849801	ND 8-60W A60 B22 827	57763900		
14W WW E27 220-240 1PF/6	65863400	ND 8-60W A60 E27 827	57755400	ND 7-60W E27 A60 827FR G	36124900
18W WW E27 220-240 1PF/6	21677300	ND 11-75W A60 E27 827	49076100	ND8.5-75W E27 A60 827FR G	36126300
18W WW E27 1PF/6 SRP	21677301	ND 11-75W A60 E27 827	49076100	ND8.5-75W E27 A60 827FR G	36126300
18W WW B22 1PF/6 SRP	21687200	ND 11-75W A60 B22 827	57761500		
18W CDL E27 220-240 1PF/6	21675900	ND 10-75W A60 E27 865	49758600		
23W WW E27 220-240 1PF/6	21683400	ND 13-100W A60 E27 827	49074700	ND10.5-100W E27A60 827FRG	36128700
23W CDL E27 220-240 1PF/6	21681000	ND 12.5-100W A60 E27 865	57781300		

Genie		CorePro LED Bulb & Luster (Plastic)		CorePro LED Bulb & Luster (Glass)	
Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
Genie		CorePro LED		CorePro LED	
8W WW E14 220-240V 1PF/6	80115910	Luster ND 5-40W E14 827 P45 FR	31264700	Luster ND4.3-40W E14 827P45FRG	34720500
8W WW E27 220-240V 1PF/6	80118010	Luster ND 5-40W E27 827 P45 FR	31262300	Bulb ND4.5-40W E27 A60 827FR G	36130000
8W CDL E27 220-240V 1PF/6	80228610				
11W WW E14 220-240V 1PF/6	80116610	Luster ND 7-60W E14 827 P48 FR	31304000	Luster ND6.5-60W P45 E14827FRG	34760100
11W CDL E14 220-240V 1PF/6	80257610	Luster ND 7-60W E14 865 P48 FR	31310100	Luster ND6.5-60W P45 E14865FRG	34764900
11W WW B22 220-240V 1BC/6	82790301				
11W WW E27 220-240V 1PF/6	80119710	Luster ND 7-60W E27 827 P48 FR	31302600	Bulb ND 7-60W E27 A60 827FR G	36124900
11W CDL E27 220-240V 1PF/6	80106710				
14W WW E27 220-240V 1PF/6	80120310	Luster ND 7-60W E27 827 P48 FR	31302600	Bulb ND 7-60W E27 A60 827FR G	36124900
14W CDL E27 220-240V 1PF/6	80107410	Bulb ND 7.5-60W A60 E27 865	57785100		
18W WW E27 220-240V 1PF/6	80121010	Bulb ND 11-75W A60 B22 827	49076100	Bulb ND8.5-75W E27 A60 827FR G	36126300
18W WW E27 220-240V 1PF/6	80121010	Stick ND 9.5-68W T38 E27 830	81451200		
18W WW B22 220-240V 1BC/6	82796501	Bulb ND 11-75W A60 B22 827	57761500		
18W CDL E27 220-240V 1PF/6	80108110	Bulb ND 10-75W A60 E27 865	49758600		
18W CDL E27 220-240V 1PF/6	80108110	Stick ND 9.5-75W T38 E27 840	81453600		
23W WW E27 220-240V 1PF/6	89713501	Bulb ND 13-100W A60 E27 827	49074700	Bulb ND10.5-100W E27A60 827FRG	36128700
23W CDL E27 220-240V 1PF/6	14415100	Bulb ND 12.5-100W A60 E27 865	57781300		

*Valid from 15 September 2021



Economy Twister



CorePro LED Bulb (Plastic)



CorePro LED Bulb (Glass)

Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
Economy Twister		CorePro LED bulb		CorePro LED bulb	
8W CDL E14 220-240V 1PF/6	40613800				
8W WW E27 220-240V 1PF/6	21699500	ND 5.5-40W A60 E27 827	57757800	ND4.5-40W E27 A60 827FR G	36130000
8W CDL E27 220-240V 1PF/6	40612100	ND 5-40W A60 E27 865	57787500		
12W WW E27 220-240V 1PF/6	21703900	ND 5.5-40W A60 E27 827	57755400	ND4.5-40W E27 A60 827FR G	36124900
12W CDL E27 1PF/6	40614500	ND 10-75W A60 E27 865	57785100		
12W WW E14 220-240V 1PF/6	21705300				
12W CDL E14 1PF/6	40615200				
15W WW E27 220-240V 1PF/6	21709100	ND 11-75W A60 E27 827	49076100	ND8.5-75W E27 A60 827FR G	36126300
15W CDL E27 1PF/6	21707700	ND 10-75W A60 E27 865	49758600		
20W WW E27 220-240V 1PF/6	68008600	ND 13-100W A60 E27 827	49074700	ND10.5-100W E27A60 827FRG	36128700
20W CDL E27 1PF/6	67939400	ND 12.5-100W A60 E27 865	57781300		
23W WW E27 220-240V 1PF/6	21717600	ND 13-100W A60 E27 827	49074700	ND10.5-100W E27A60 827FRG	36128700
23W CDL E27 1PF/6	21715200	ND 12.5-100W A60 E27 865	57781300		



Tornado High Lumen



TrueForce Core LED (Plastic)



CorePro LED bulb (Glass)

Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
Tornado High Lumen		TrueForce Core		CorePro LED bulb	
45W WW E27 1CT/6	80822300	HB MV ND 30W E27 840 G3	78097500	ND 200W E27 A95 827 FR G	34667300
45W CDL E27 1CT/6	80719600	HB MV ND 30W E27 830 G3	78095100	ND 200W E27 A95 865 FR G	34671000
60W WW E27 1CT/6	80824700	HB MV ND 35W E27 830 G3	78105700		
60W CDL E27 1CT/6	80721900	HB MV ND 35W E27 840 G3	78107100		
75W WW E40 1CT/6	80832200				
75W CDL E40 1CT/6	80723300				

*Valid from 15 September 2021

Tornado



CorePro LED bulb (Plastic)



CorePro LED bulb (Glass)



Phase out	EOC
Tornado T2	
T2 8W WW E27 220-240V 1PF/6	11708700
T2 8W WW E14 220-240V 1PF/6	11716200
T2 12W WW E27 220-240V 1PF/6	11698100
T2 12W CDL E27 220-240V 1PF/6	11694300
T2 12W WW B22 220-240V 1PF/6	11692900
T2 12W WW E14 220-240V 1PF/6	11724700
T2 12W CDL E14 220-240V 1PF/6	11720900
T2 15W WW E27 220-240V 1PF/6	92578400
T2 15W CDL E27 220-240V 1PF/6	92584500
T2 15W WW B22 220-240V 1PF/6 SRP	92580701
T2 20W WW E27 220-240V 1PF/6	92586900
T2 20W CDL E27 220-240V 1PF/6	92592000
T2 20W WW B22 220-240V 1PF/6 SRP	40512401
T2 8y 20W WW E27 220-240V 1CT/12	66296900
T2 8y 20W CDL E27 220-240V 1CT/12	66294500
T2 8y 23W WW E27 220-240V 1CT/12	66300300
T2 23W WW B22 220-240V 1BC/6	92972001
T2 23W WW E27 220-240V 1PF/6	92594400
T2 23W CDL E27 220-240V 1PF/6	92600200
T3 32W WW E27 220-240V 1PF/6	87628400
T3 32W CDL E27 220-240V 1PF/6	87630700

LED recommendation	EOC*
CorePro LED bulb	
ND 5.5-40W A60 E27 827	57757800
ND 8-60W A60 E27 827	57755400
ND 7.5-60W A60 E27 865	57785100
ND 8-60W A60 E27 827	57755400
ND 11-75W A60 E27 827	49076100
ND 10-75W A60 E27 865	49758600
ND 11-75W A60 B22 827	57761500
ND 13-100W A60 E27 827	49074700
ND 12.5-100W A60 E27 865	57781300
ND 13-100W A60 B22 827	51002500
ND 13-100W A60 E27 827	49074700
ND 12.5-100W A60 E27 865	57781300
ND 13-100W A60 E27 827	49074700
ND 13-100W A60 B22 827	51002500
ND 13-100W A60 E27 827	49074700
ND 12.5-100W A60 E27 865	57781300
ND 19-150WA67E27 827FR	66220200
ND 17.5-150WA67E27 865FR	81389800

LED recommendation	EOC*
CorePro LED bulb	
ND4.5-40W E27 A60 827FR G	36130000
ND4.3-40W E14 827P45FRG	34720500
ND 7-60W E27 A60 827FR G	36124900
ND 7-60W E27 A60 827FR G	36124900
ND6.5-60W P45 E14827FRG	34760100
ND6.5-60W P45 E14865FRG	34764900
ND8.5-75W E27 A60 827FR G	36126300
ND6.5-60W P45 E14827FRG	36128700
ND10.5-100W E27A60 827FRG	36128700
ND10.5-100W E27A60 827FRG	36128700
ND10.5-100W E27A60 827FRG	36128700
ND10.5-100W E27A60 827FRG	36128700
ND17-150W E27 A67 827 CLG	34744100
ND 150W E27 A67 865 FR G	34665900

Tubular and appliance



CorePro LED T25 (Plastic)



CorePro LED bulb (Glass)



Phase out	EOC
Tubular and appliance	
15W E14 230-240V T25 CL RF 1CT	94715100
15W E14 230-240V T25 RF 1BC/10 SRP	24979100
15W E14 230-240V T25 CL RF 1CT	03851750
15W E14 230-240V T25 CL RF 1BL/10	24979125
20W B15d 230V T22X51 - CL SM - 1CT	25023050
25W E14 230-240V T25 CL MWO 1BL/10	25002525
25W E14 230-240V T25 CL RF 1CT	24981450
25W E14 230-240V T25 CL RF 1BS/10	24980725

LED recommendation	EOC*
CorePro LED T25	
ND 1.7-15W E14 827	38986100
ND 1.7-15W E14 827	38986100
ND 1.7-15W E14 827	38986100
ND 1.7-15W E14 827	38986100
ND 3.2-25W E14 827	38984700
ND 3.2-25W E14 827	38984700

LED recommendation	EOC*
CorePro LED classic	
25W T25L E14 CL ND RF 1PF/12	78333400
25W T25L E14 CL ND RF 1PF/12	78333400
25W T25L E14 CL ND RF 1PF/12	78333400
25W T25L E14 CL ND RF 1PF/12	78333400
40W T25L E14 CL ND RF 1PF/12	78335800
40W T25L E14 CL ND RF 1PF/12	78335800

MR16

CorePro LED spots

Master Value LED spots

Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
MR16		CorePro LED spot		MAS LED spot	
Brill 35W GU5.3 12V 24D 1CT/10X5F	42493860				
Brill 35W GU5.3 12V MR16 36D 1CT/10X5F	43075560	ND 4.4-35W MR16 827 36D	30706300	VLE D 5.8-35W MR16 930 36D	30720900
Brill 50W GU5.3 12V 60D 1CT/10X5F	42519560			VLE D 7.5-50W MR16 930 60D	30740700
Accent 20W 4000h GU5.3 12V 36D 1CT/10X5F	58839000	ND 2.9-20W MR16 827 36D	30704900		
Accent 35W 4000h GU5.3 12V 36D 1CT/10X5F	58842000	ND 4.4-35W MR16 827 36D	30706300	VLE D 5.8-35W MR16 930 36D	30720900
Accent 50W 4000h GU5.3 12V 36D 1CT/10X5F	58845100	ND 7-50W MR16 830 36D	81477200	VLE D 7.5-50W MR16 930 36D	30734600


MR16


Master LED spots

Phase out	EOC	LED recommendation	EOC*
MR16		MAS LED ExpertColor	
Brill 35W GU5.3 12V 24D 1CT/10X5F	42493860	6.5-35W MR16 930 24D	35855300
Brill 35W GU5.3 12V MR16 36D 1CT/10X5F	43075560	6.5-35W MR16 930 36D	35861400
Brill 50W GU5.3 12V 60D 1CT/10X5F	42519560	6.5-35W MR16 930 60D	35843000


AR111


CorePro LED spot


Master LED spot

Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
Alu111		CorePro LED spot		MAS LED ExpertColor	
50W 4000h G53 12V 24D 1CT/6	58866600	7-50W 830 AR111 40D	30538000	11-50W 927 AR111 24D	33393200


MR11


CorePro LED spot


Master LED spot

Phase out	EOC	LED recommendation	EOC*	LED recommendation	EOC*
MR11		CorePro LED spot		MAS LED spot	
Hal-Dich 4y 20W GU4 12V 30D 2BC/10	58868000	2.3-20W 827 MR11 36D	65948600	LV 3.5-20W 827 MR11 24D	35990100

*Valid from 15 September 2021

Linear



CorePro LED linear



Phase out	EOC*	LED recommendation	EOC*
		CorePro LED linear	
Halogen 118MM 2Y 160W R7S 230V 1BC/10	92088800	D 17.5-150W R7S 118 830	64673800
Plusline 118mm 2y 160W R7s 230V 1BB	85219600	D 17.5-150W R7S 118 830	64673800

Do you have any questions regarding the SLR or ELR or would like to know more about certain LED products?
Find out more at philips.com/ledconversion



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