

European Union September 2018

Phase out of halogen bulbs and candles

The process of gradual phase out of inefficient, energy-consuming electrical devices has been continuing in Europe for a few years already. Lighting is a part of it, and many halogen lamp types are gradually being phased out from the European market. However, not every type of halogen lamp is being banned from the European market at the same time.

The changes in EU lighting legislation are being implemented gradually, so that sufficient choice of energy saving alternative products is available.





What does it mean for halogen products from September 2018 onwards

On 1st September 2018, mains voltage halogen non-directional lamps (bulbs and candles) will not fulfil EU eco-design requirements.* This means that they can no longer be produced or imported for resale into the EU. Any remaining halogen bulbs and candles on commercial stock can still be sold out after this date.

* Stage 6 DIM1 (Commission Regulation (EU) 2015/1428 of 25 August 2015 amending Commission Regulation (EC) No 244/2009 with regard to ecodesign requirements for non-directional household lamps)

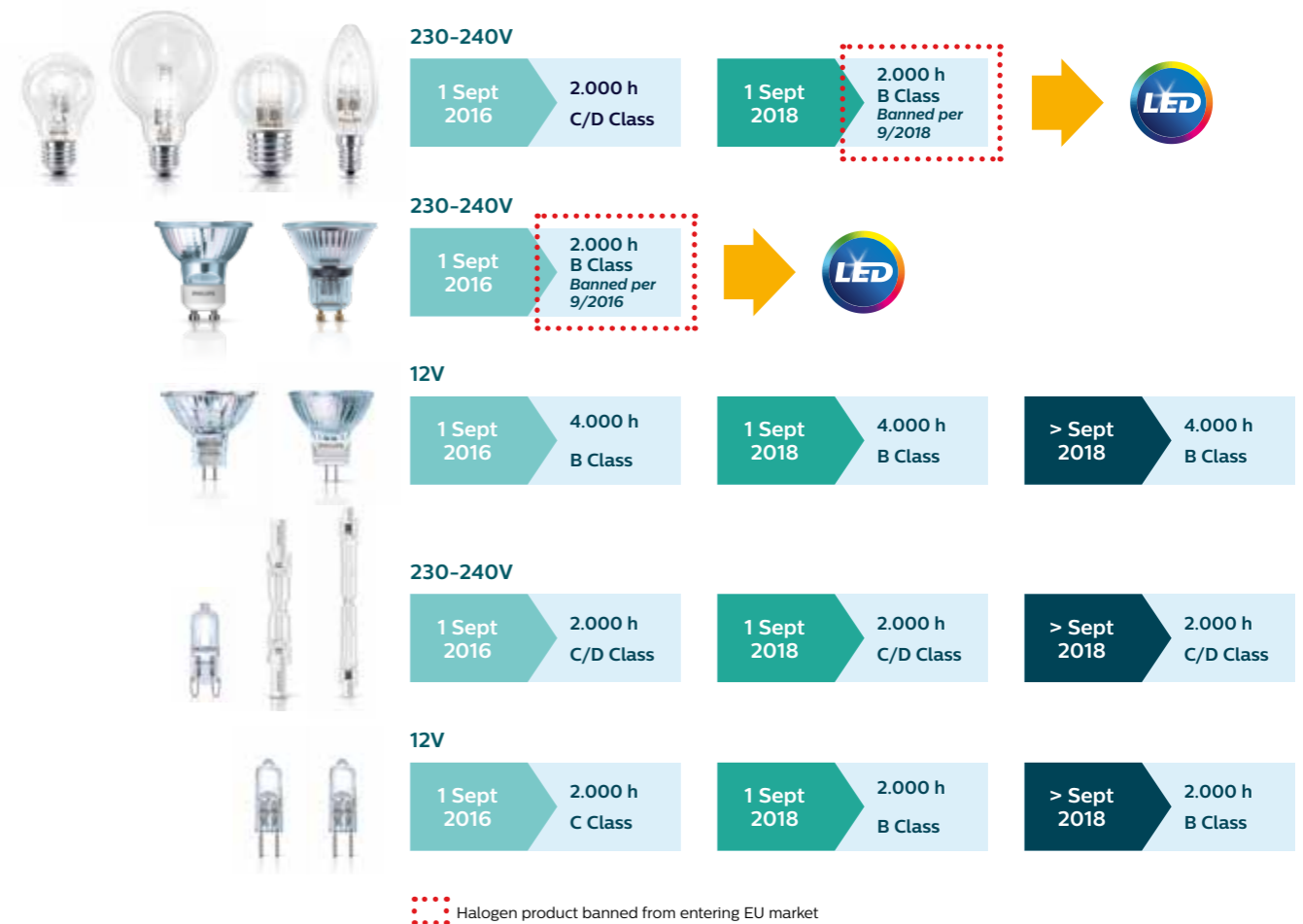
Is this a reason for concern? Absolutely not! Philips offers a compelling range of LED alternatives to replace the banned 230-240 V halogen bulb and candle lamps. LED bulbs and candles come in a wide variety of shapes, finishes, colors and price points acceptable by local markets. Moreover, most LED bulbs and candles come in both a dimmable and non-dimmable version, and with a choice of packaging types.

In this leaflet you will find our recommended LED replacements for the halogen bulbs and candles.

Some types of halogen lamps: like capsules, linear, low voltage reflectors lamps - will still be available and can be sold in EU.

See also the overview below.

Legislation overview for Halogen lamps



All impacted lamps have LED alternatives

In the tables below you can find LED alternatives and/or replacements for banned halogen lamps.

A55

Phase out

18 W - A55

Image	Product	GPC (12nc)	EAN
	Halogen 18W E27 230V A55 1CT/15 SRP	925715744206	8718291701163
	Halogen 18W E27 240VA55 2CT/1X15T SRP	925720345501	8718696430866

28 W - A55

	Halogen 28W E27 230V A55 1CT/15 SRP	925692944250	8727900252774
	Halogen 28W E27 230V A55 CL 2CT/9 SRP	925692944240	8718291760610
	Halogen 28W E27 230V A55 CL 1BC/10	925692944202	8727900252781
	Halogen 28W E27 230V A55 CL 2BC/10	925692944206	8718291202806
	Halogen 28W E27 230V A55 1CT/7 SRP	925649444225	8727900252774
	Halogen 28W E27 230V A55 5F/8 PROMO	925692944241	8718291717713
	Halogen 28W E27 230V A55 CL 3F/10	925692944233	87279000951073
	Halogen 28W E27 A55 2CT/1X15T SRP	925692944214	8718291223580
	Halogen 28W E27 240VA55 2CT/1X15T SRP	925692945504	8718696430897
	Halogen 28W E27 240V A55 1CT/15 SRP	925692945505	8727900252835

53 W - A55

	Halogen 53W E27 230V A55 1CT/15 SRP	925693144250	8727900251722
	Halogen 53W E27 230V A55 CL 1BC/10	925693144202	8727900251999
	Halogen 53W E27 230V A55 CL 2BC/10	925693144206	8718291202646
	Halogen 53W E27 240V A55 1CT/15 SRP	925693145505	8727900251807

70 W - A55

	Halogen 70W E27 230V A55 1CT/15 SRP	925699244255	8727900252255
	Halogen 70W E27 230V A55 CL 1BC/10	925699244202	8727900252002
	Halogen 70W E27 230V A55 CL 2BC/10	925699244204	8718291202547
	Halogen 70W E27 230V A55 CL 3F/10	925699244237	8718291127413
	Halogen 70W E27 230V A55 2CT/12X5F	925699244235	8718291199816
	Halogen 70W E27 240V A55 1CT/15 SRP	925699245506	8727900251814

105 W - A55

	Halogen 105W E27 230V A55 1CT/15 SRP	925701044217	8727900252262
	Halogen 105W E27 230V A55 CL 1BC/10	925701044202	8727900252019
	Halogen 105W E27 230V A55 CL 2BC/10	925701044204	8718291202509

140 W - A55

	Halogen 140W E27 230V A55 1CT/15 SRP	925701344202	8727900252552
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LED bulb

LED recommendation

Image	Product	GPC (12nc)	EAN
	LED		
	LED ND 25W A60 E27 WW 230V FR ND SRT4	929001902058	8718696813713

Image	Product	GPC (12nc)	EAN
	LED classic		
	LED DIM 40W A60 E27 WW CL WGD SRT4	929001893901	8718696810637
	LED DIM 40W A60 E27 WW CL D SRT4	929001331001	8718696709023
	LED ND 40W A60 E27 WW CL ND RF 1BC	929001890017	8718696808030
	LED ND 40W A60 E27 WW CL ND 2BC/6	929001890071	8718696808597
	LED ND 40W A60 E27 WW CL ND 3BC/6	929001890073	8718696808634
	LED ND 40W A60 E27 WW CL ND 6CT/4	929001237185	8718696774977

Image	Product	GPC (12nc)	EAN
	LED		
	LED DIM 75W A60 E27 WW FR WGD RF 1BC/6	929001352777	8718696577998
	LED classic		
	LED ND 75W E27 WW CL ND RF 1BC	929001888917	8718696810125
	LED ND 75W A60 E27 WW FR ND 1CT/10	929001286331	8718696705551
	LED ND 75W A60 E27 WW FR ND 2BC/10	929001286371	8718696703830

Image	Product	GPC (12nc)	EAN
	LED		
	LED DIM 100W A67 E27 WW FR WGD RF 1BC/6	929001867877	8718696815007
	LED classic		
	LED DIM 100W A67 E27 WW CL D SRT4	929001882901	8718696806272
	LED ND 100W A67 E27 WW CL ND RF 1BC	929001889217	8718696742396
	LED ND 100W A67 WW FR ND 1CT/10	929001802731	8718696739266
	LED ND 100W A67 WW FR ND 2BC/10	929001802771	8718696739327

Image	Product	GPC (12nc)	EAN
	LED bulb		
	LED ND 120W E27 WW 230V A67 FR 1BC/6	929001313201	8718696701614

Image	Product	GPC (12nc)	EAN
	LED		
	LED ND 150W A67 E27 WW 230V FR ND 1PF/6	929001892401	8718696813799

ND : Not dimmable DIM : Dimmable

A55

Phase out

28 W - A55

Image	Product	GPC (12nc)	EAN
	Halogen 28W B22 230V A55 CL 2BC/10	925693244204	8718291202820
	Halogen 28W B22 240V A55 1CT/15 SRP	925693245504	8727900252859

42 W - A55

	Halogen 42W B22 230V A55 CL 2BC/10	925693344203	8718291202783
	Halogen 42W B22 230V A55 1CT/15 SRP	925693344223	8727900942644
	Halogen 42W B22 230V A55 CL 1BC/10	925693344202	8727900252286
	Halogen 42W B22 230V A55 CL 2BC/10 SRP	925693344226	8718291202783
	Halogen 42W B22 230V A55 CL 2CT/9 SRP	925693344228	8718696747056
	Halogen 42W B22 240V A55 1CT/15 SRP	925693345508	8727900251876

53 W - A55

	Halogen 53W B22 230V A55 CL 1BC/10	925693444202	8727900252293
	Halogen 53W B22 230V A55 CL 2BC/10	925693444204	8718291202721
	Halogen 53W B22 230V A55 CL SRP 3BC/24	925693444222	8718696785928
	Halogen 53W B22 230V A55 1CT/15 SRP	925693444219	8727900942668

70 W - A55

	Halogen 70W B22 230V A55 CL 1BC/10	925700844202	8727900252309
	Halogen 70W B22 230V A55 CL 2BC/10	925700844203	8718291202592
	Halogen 70W B22 230V A55 1CT/15 SRP	925700844220	8727900942682
	Halogen 70W B22 240V A55 1CT/15 SRP	925700845506	8727900251890

LED bulb

LED recommendation

Image	Product	GPC (12nc)	EAN
	LED classic		
	LED DIM 40W A60 B22 WW CL D SRT4	929001331001	8718696709047
	LED ND 40W A60 B22 WW CL ND SRT4	929001890101	8718696807873

Image	Product	GPC (12nc)	EAN
	LED classic		
	LED DIM 60W A60 B22 WW CL D SRT4	929001331301	8718696709085
	LED ND 60W A60 B22 WW CL ND 1SRT4	929001387401	8718696742556
	LED ND 60W A60 B22 WW CL ND 3BC/6	929001387473	8718696768648
	LED ND 60W A60 B22 WW CL ND 6CT/4	929001387485	8718696775073
	LED ND 60W A60 B22 WW CL ND 2BC/6	929001387471	8718696768600

Image	Product	GPC (12nc)	EAN
	LED		
	LED DIM 75W A60 B22 WW FR WGD SRT4	929001353201	8718696707050
	LED ND 75W A60 B22 WW 230V FR ND RF 1BC/6	929001234017	8718696490921
	LED ND 75W A60 B22 WW 230V FR ND 2BC/6	929001234061	8718696586150

Image	Product	GPC (12nc)	EAN
	LED		
	LED DIM 100W A67 B22 WW FR WGD SRT4	929001868301	8718696814963
	LED ND 100W A60 B22 WW 230V FR ND RF 1BC/6	929001234117	8718696577110
	LED ND 100W A60 B22 WW 230V FR ND 2BC/6	929001234161	8718696586136

ND : Not dimmable DIM : Dimmable






LED candle alternatives

B35






Phase out

	GPC (12nc)	EAN
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18 W - B35

	Halogen 18W E14 230V B35 1CT/15 SRP	925646144231	8727900820546
	Halogen 18W E14 230V B35 CL 1BC/10	925646144202	8727900820829
	Halogen 18W E14 230V B35 CL 2BC/10	925646144212	8718291202905
	Halogen 18W E14 230V B35 2CT/10 SRP	925646144225	8718291760634
	Halogen 18W E14 240V B35 1CT/15 SRP	925646145504	8727900862683

28 W - B35

	Halogen 28W E14 230V B35 1CT/15 SRP	925639644261	8727900252651
	Halogen 28W E14 230V B35 2CT/10 SRP	925639644251	8718291760696
	Halogen 28W E14 230V B35 CL 1BC/10	925639644202	8727900252668
	Halogen 28W E14 230V B35 CL 2BC/10	925639644224	8718291202882
	Halogen 28W E14 240V B35 1CT/15 SRP	925639645510	8727900252712

42 W - B35


	Halogen 42W E14 230V B35 1CT/15 SRP	925646344240	8727900820584
	Halogen 42W E14 230V B35 CL 1BC/10	925646344202	8727900820867
	Halogen 42W E14 230V B35 CL 2BC/10	925646344210	8718291202844
	Halogen 42W E14 240V B35 1CT/15 SRP	925646345505	8727900820621

B35



Phase out

	GPC (12nc)	EAN
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18 W - B35

	Halogen 18W B15 240V B35 1CT/15 SRP	925712245502	8718291219453
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28 W - B35








	Halogen 28W B15 240V B35 CL 1BC/10	925712345503	8718291734581
	Halogen 28W B15 240V B35 1CT/15 SRP	925712345504	8718291219477

▶ LED candle

LED recommendation

	GPC (12nc)	EAN
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	LED	
	LED DIM 25W B38 E14 WW CL WGD SRT4	929001139858 8718696453667
	LED classic	
	LED DIM 25W B35 E14 WW CL D SRT4	929001332001 8718696709986
	LED ND 25W E14 WW B35 CL ND RF 1BC	929001238317 8718696573853
	LED ND 25W B35 E14 WW CL ND 2BC/6	929001238371 8718696587553
	LED ND 25W B35 E14 WW CL ND 3BC/6	929001238373 8718696587591



	LED	
	LED DIM 40W B38 E14 WW CL WGD SRT4	929001140458 8718696453483
	LED classic	
	LED DIM 40W B35 E14 WW CL D SRT4	929001332101 8718696710005
	LED ND 40W B35 E14 WW CL ND 2BC/6	929001889771 8718696808610
	LED ND 40W B35 E14 WW CL ND 3BC/6	929001889773 8718696808658
	LED ND 40W B35 E14 WW CL ND 3BC/6	929001258045 8718696782453

ND : Not dimmable DIM : Dimmable

▶ LED candle

LED recommendation

	GPC (12nc)	EAN
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	LED classic	
	LED ND 25W B35 B15 WW CL ND SRT4	929001815501 8718696766620

	LED	
	LED DIM 40W B38 B15 WW CL WGD SRT4	929001140330 8718696700631
	LED classic	
	LED ND 40W B35 B15 WW CL ND SRT4	929001889801 8718696807958

ND : Not dimmable DIM : Dimmable


LED candle alternatives

B35





Phase out

	GPC (12nc)	EAN
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18 W - B35

	Halogen 18W B22 240V B35 1CT/15 SRP	925693545503	8727900862645
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28 W - B35





	Halogen 28W B22 230V B35 CL 2BC/10	925639844204	8718291202868
	Halogen 28W B22 230V B35 CL 1BC/10	925639844202	8727900252699
	Halogen 28W B22 240V B35 1CT/15 SRP	925639845508	8727900252736
	Halogen 28W B22 240V B35 1BC/10	925639845509	8718696699928

BW35

Phase out

	GPC (12nc)	EAN
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18 W - BW35







	Halogen 18W E14 230V BW35 1CT/15 SRP	925646744208	8727900820669
	Halogen 18W E14 230V BW35 CL 1BC/10	925646744202	8727900820904
	Halogen 18W E14 230V BW35 CL 2BC/10	925646744203	8718291202981
	Halogen 18W E14 240V BW35 1CT/15 SRP	925646745503	8727900863826

▶ LED candle

LED recommendation

	GPC (12nc)	EAN
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	LED	
	LED DIM 25W B38 B22 WW CL WGD SRT4	929001140258 8718696525678
	LED classic	
	LED ND 25W B35 B22 WW CL ND SRT4	929001815601 8718696766644



	LED	
	LED DIM 40W B38 B22 WW CL WGD SRT4	929001140858 8718696453643
	LED classic	
	LED DIM 40W B35 B22 WW CL D SRT4	929001332201 8718696710029
	LED ND 40W B35 B22 WW CL ND SRT4	929001889901 8718696807972
	LED ND 40W B35 B22 WW CL ND 3BC/6	929001815845 8718696775134

ND : Not dimmable DIM : Dimmable

▶ LED candle

LED recommendation

	GPC (12nc)	EAN
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	LED classic	
	LED ND 25W E14 WW ST35 CL ND RF 1BC	929001238517 8718696573891

ND : Not dimmable DIM : Dimmable

LED candle alternatives



BXS35

▶ LED candle

Phase out GPC (12nc) EAN

18 W - BXS35

	Halogen 18W E14 230V BXS35 1CT/10 SRP	925708144204	8718291204435
	Halogen 18W E14 230V BXS35 CL 1BC/10	925708144202	8718291204459

LED recommendation			GPC (12nc)	EAN
LED				
	LED DIM 25W E14 WW BA38 CL WGD RF 1BC/6	929001139917	8718696453742	
LED classic				
	LED ND 25W E14 WW BA35 CL ND RF 1BC	929001238417	8718696573877	
	LED ND 25W BA35 E14 WW FR ND SRT4	929001345801	8718696706350	

28 W - BXS35

	Halogen 28W E14 230V BXS35 1CT/10 SRP	925701544212	8727900925067
	Halogen 28W E14 230V BXS35 CL 1BC/10	925701544202	8727900925081

LED recommendation			GPC (12nc)	EAN
LED				
	LED DIM 40W BA38 E14 WW CL WGD RF 1BC/6	929001140517	8718696581032	
LED classic				
	LED DIM 40W BA35 E14 WW CL D SRT4	929001332801	8718696710142	

ND : Not dimmable DIM : Dimmable

LED lustre alternatives



P45

▶ LED lustre

Phase out GPC (12nc) EAN

18 W - P45

	Halogen 18W E14 230V P45 1CT/15 SRP	925647944222	8727900831443
	Halogen 18W E14 230V P45 CL 2CT/8 SRP	925647944218	8718291760719
	Halogen 18W E14 240V P45 1CT/15 SRP	925647945504	8727900862928

LED recommendation			GPC (12nc)	EAN
LED classic				
	LED DIM 25W P45 E14 WW CL D SRT4	929001332301	8718696710043	
	LED ND 25W E14 WW P45 CL ND RF 1BC6	929001238617	8718696573914	
	LED ND 25W P45 E14 WW FR ND RF1BC/6	929001345417	8718696706275	

28 W - P45

	Halogen 28W E14 230V P45 1CT/15 SRP	925648044238	8727900831467
	Halogen 28W E14 230V P45 CL 2CT/8 SRP	925648044232	8718291760795
	Halogen 28W E14 230V P45 CL 2BC/10	925648044251	8718291203193
	Halogen 28W E14 230V P45 CL 1BC/10	925648044250	8727900831580
	Halogen 28W E14 230V P45 1CT/8 SRP	925648044241	8727900831467
	Halogen 28W E14 240V P45 1CT/15 SRP	925648345505	8727900835793

LED recommendation			GPC (12nc)	EAN
LED				
	LED DIM 40W P48 E14 WW CL WGD SRT4	929001140658	8718696453568	
LED classic				
	LED DIM 40W P45 E14 WW CL D SRT4	929001332501	8718696710081	
	LED ND 40W P45 E14 WW CL ND RF 1BC	929001890417	8718696587317	
	LED ND 40W P45 E14 WW CL ND 2BC/6	929001890471	8718696751275	
	LED ND 40W P45 E14 WW FR ND RF1BC/6	929001345517	8718696706299	
	LED ND 40W P45 E14 WW FR ND 2BC/6	929001345571	8718696751411	

42 W - P45

	Halogen 42W E14 230V P45 1CT/15 SRP	925648144222	8727900831481
	Halogen 42W E14 230V P45 CL 2BC/10	925648144231	8718291203131

LED recommendation			GPC (12nc)	EAN
LED				
	LED DIM 60W P50 E14 WW CL WGD RF 1BC/6	929001211917	8718696580653	
	LED ND 60W P48 E14 WW FR ND RF 1BC/6	929001325201	8718696702895	

ND : Not dimmable DIM : Dimmable



LED lustre alternatives

E27 P45

Phase out

18 W - P45

	GPC (12nc)	EAN
Halogen 18W E27 230V P45 1CT/15 SRP	925647344221	8727900831382
Halogen 18W E27 230V P45 CL 2CT/8 SRP	925647344217	8718291760757
Halogen 18W E27 240V P45 1CT/15 SRP	925647345503	8727900863659

28 W - P45

	GPC (12nc)	EAN
Halogen 28W E27 230V P45 1CT/15 SRP	925647444229	8727900831405
Halogen 28W E27 230V P45 CL 2CT/8 SRP	925647444224	8718291760818
Halogen 28W E27 230V P45 CL 1BC/10	925647444236	8727900831528
Halogen 28W E27 230V P45 CL 2BC/10	925647444238	8718291203155
Halogen 28W E27 240V P45 1CT/15 SRP	925647445506	8727900863000

42 W - P45

	GPC (12nc)	EAN
Halogen 42W E27 230V P45 1CT/15 SRP	925647544223	8727900831429
Halogen 42W E27 230V P45 CL 1BC/10	925647544239	8727900831542

B22 P45

Phase out

18 W - P45

	GPC (12nc)	EAN
Halogen 18W B22 230V P45 CL 2BC/10	925648544206	8718291691013

28 W - P45

	GPC (12nc)	EAN
Halogen 28W B22 230V P45 CL 2BC/10	925648644213	8718291203179
Halogen 28W B22 240V P45 1CT/15 SRP	925648645504	8727900862966

LED lustre

LED recommendation

	GPC (12nc)	EAN
LED classic		
LED DIM 25W P45 E27 WW CL D SRT4	929001332401	8718696710067
LED ND 25W P45 E27 WW CL ND RF 1BC/6	929001238717	8718696573938
LED ND 25W P45 E27 WW FR ND RF1BC/6	929001345617	8718696706312

	GPC (12nc)	EAN
LED		
LED DIM 40W P48 E27 WW CL WGD SRT4	929001140730	8718696700617
LED classic		
LED DIM 40W P45 E27 WW CL D SRT4	929001332601	8718696710104
LED ND 40W E27 WW P45 CL ND RF 1BC	929001890571	8718696587331
LED ND 40W E27 WW P45 CL ND 2BC/6	929001890571	8718696751299
LED ND 40W P45 E27 WW FR ND 2BC/6	929001345771	8718696751435

	GPC (12nc)	EAN
LED		
LED ND 60W P48 E27 WW FR ND RF 1BC/6	929001325301	8718696702918

ND : Not dimmable DIM : Dimmable

LED lustre

LED recommendation

	GPC (12nc)	EAN
LED classic		
LED ND 25W P45 B22 WW CL ND SRT4	929001815901	8718696766705

	GPC (12nc)	EAN
LED		
LED DIM 40W P48 B22 WW CL WGD SRT4	929001157358	8718696525654
LED ND 40W P45 B22 WW FR ND RF 1BC/6	929001193417	8718696525739
LED classic		
LED DIM 40W P45 B22 WW CL D SRT4	929001332701	8718696710128

ND : Not dimmable DIM : Dimmable

LED bulb alternatives

E27 G95

Phase out

42 W - G95

	GPC (12nc)	EAN
Halogen 42W E27 230V G95 CL 1CT/6 SRP	925700044204	8727900921007

E14 T25

Phase out

18 W - T25

	GPC (12nc)	EAN
Halogen 18W E14 230V T25 1CT/20 SRP	925712044204	8718291223030

28 W - T25

	GPC (12nc)	EAN
Halogen CH 28W E14 230V T25 1CT/20 SRP	925712144212	8718291223481

E27 T32

Phase out

70 W - T32

	GPC (12nc)	EAN
Halogen 70W E27 230V T32 CL 1CT/10	925696644201	8727900893847

LED bulb

LED recommendation

	GPC (12nc)	EAN
LED classic		
LED DIM 60W G93 E27 WW CL D SRT4	929001895701	8718696575413

ND : Not dimmable DIM : Dimmable

LED bulb

LED recommendation

	GPC (12nc)	EAN
LED		
LED ND 25W T25 E14 WW FR ND SRT4	929001325801	8718696703137
LED classic		
LED ND 25W T25 E14 CL ND SRT4	929001949001	8718699599188

No LED alternative available

ND : Not dimmable DIM : Dimmable

LED bulb

LED recommendation

	GPC (12nc)	EAN
LED Stick		
LED ND 68W T38 E27 WH FR ND 1BC/6	929001901401	8718696814451

ND : Not dimmable DIM : Dimmable



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