

# Light source information

## LIGHT SOURCE INFORMATION:

- Halogen: good colour rendering, dimmable and energy-saving compared with incandescent.
- Energy saving: Energy saving light bulbs are not dimmable and have poorer colour render properties than halogen and incandescent. These light bulb uses less energy than in halogen and incandescent.
- LED: Many new LED retrofit light bulbs have a good colour rendering and are dimmable as well. The light sources have very long life and use very little energy compared to halogen and incandescent lamps.
- Ambien Comfort: A halogen kit which consist of one halogen G9, one base and a diffuser sphere. Looks like a traditional incandescent lamp. The light source has a very good colour rendering, it is dimmable and it uses less energy than an incandescent lamp.
- Centra industripære: An incandescent lamp which has been reinforced. Very good colour rendering, dimmable but very inefficient.

Dimming: In the following list of products Louis Poulsen have included lamp supplies information about dimming. Louis Poulsen recommends contacting lamp supplier for detailed information about the lamps dimming properties.

The Energy labelling: The energy labelling indicates the energy consumption classes for the light source used in the fixture.

The energy consumption does not indicate how much energy the fixture uses or how efficient the fixture is. It only indicates the efficiency of the

light source used in the luminaire. The energy labeling does not take other qualitative parameters into account which are important for the consumer and imperative for Louis Poulsen.

To help our customers choose a light source Louis Poulsen has generated this alternative light source overview.

The recommended light sources in this overview are selected from the following criteria:

- That the light source delivers the light experience aimed for the design of the fixture
- That there is no uncomfortable glare from the light source when used in the fixture
- That the light source gives off the minimum required lumen package
- That the light source physically fits inside the fixture
- That the light source has good colour rendering properties
- That the lights source is as efficient as possible while still complying with above criteria.

Definition of Lumen: The lumen package indicates the amount of light coming from the light source. The higher the value the more light the light source gives off.

## SUPPLIER INFORMATION:

DURALAMP	<a href="http://www.duralamp.dk">www.duralamp.dk</a>
MEGAMAN	<a href="http://www.megaman.dk">www.megaman.dk</a>
OSRAM	<a href="http://www.osram.dk">www.osram.dk</a>
PHILIPS	<a href="http://www.philips.dk">www.philips.dk</a>






# Use of halogen light sources






Some light sources – especially halogen – become extremely hot. In order to ensure a long service life for our fixtures, it is only permitted to use a halogen light source with a wattage which heat emission corresponds to that of the original incandescent bulb. We recommend that if you use a halogen bulb, you choose a wattage that is around 30% lower than the max. wattage stated on the light fixture. For example, if you have an AJ Table lamp where the max. wattage is stated as 'max. 60W GLS' (where 'GLS' is short for glødetrådspære – incandescent bulb) you must not use a halogen bulb stronger than 42W. As many halogen light sources are more effective, you will in principle, obtain the same amount of light (lumen).






In order to remove as much heat as possible from the halogen bulb, it is likewise important to make sure that the light source you choose is not too small. The length and shape should also be considered, so that when the halogen bulb installed in the lamp, does not come too close to the lamp shade as the heat can damage paintwork, metal and plastic.







The chart below presents the dimensions for incandescent bulbs. As far as possible, try to comply with these when using a halogen bulb (all the halogen bulbs on the 'recommended' list meet these requirements). Most standard halogen light sources today fulfil these requirements.






Incandescent	Incandescent		Halogen
Power	Length	Diameter	MAX Power
40W	97	55	28W
60W	97	55	42W
75W	97	55	52W
100W	97	55	70W
150W	118	65	105W






Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
 Aeros	75W QT ax-14 Clear G9	A+ -D	1050	60W	G9	Halopin Eco	Osram	D	980	4008321 945372	Halogen	Dimmable
				53W*	G9	Eco Halo	Philips	D	850	8727900 895834	Halogen	Dimmable
 AJ Eklipta 220**	40W QT ax-14 Matt G9	C -D	490	33W	G9	Halopin Eco	Osram	D	460	4008321 208668	Halogen	Dimmable
				28W	G9	Halogen	Duralamp	C	370	1D1902CH	Halogen	Dimmable
				28W	G9	Eco Halo	Philips	D	370	8727900 863987	Halogen	Dimmable
 AJ Eklipta 350	60W A55 Matt E27	A+ - E	710	10W	E27	Deco LED	Duralamp	A+	940	DA6070WTT	LED	Not dimmable
				42W	E27	AmbienComfort	Duralamp	C	625	GLSOP-27942	Halogen	Dimmable
				60W	E27	CENTRA (Industripære) Matt	Osram	E	505	4050300 010892	Incandescent	Dimmable
 AJ Eklipta 450	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist	Dura	A	1600	8024	Energy-saving	Not dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				8W	E27	LED Standard	Megaman	A+	810	LG4508	LED	Not dimmable
				10W	E27	Parathom LED	Osram	A+	806	4052899 911208	LED	Dimmable ***
 AJ Table	60W A55 Matt E27	A+ - E	710	12W	E27	Deco LED	Duralamp	A	820	DA6060RPH	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				42W	E27	AmbienComfort	Duralamp	C	625	GLSOP-27942	Halogen	Dimmable
				42W	E27	Halogen Standard	Duralamp	C	625	542	Halogen	Dimmable

Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
AJ Floor 	60W A55 Matt E27	A+ - E	710	12W	E27	Deco LED	Duralamp	A	820	DA6060RPH	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				42W	E27	AmbienComfort	Duralamp	C	625	GLS0P-27942	Halogen	Dimmable
				42W	E27	Halogen Standard	Duralamp	C	625	542	Halogen	Dimmable
AJ Wall 	40W D45 Matt E14	A+ - E	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable ***
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				28W	E14	Halogen Krone	Duralamp	C	370	1728	Halogen	Dimmable
7W	E14	Duralux Mini Standard	Duralamp	A	290	2103	Energy-saving	Not dimmable				
AJ Royal Pendant Ø 370 	100W A55 Matt E27	A+ - E	1340	18W	E27	Duralux Twist Eco	Duralamp	A	1100	7018	Energy-saving	Not dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				8W	E27	LED Classic	Megaman	A+	810	LG4508	LED	Not dimmable
AJ Royal Pendant Ø 500 	4x100W A55 E27	A+ - E	1340	100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				11,5W	E27	Deco Led	Duralamp	A	820	DA6060WTT	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				15W	E27	Duralux Short	Duralamp	A	800	6057	Energy-saving	Not dimmable
Albertslund Ceiling 	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				70W	E27	Halogen Standard	Duralamp	C	1175	563	Halogen	Dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				12W	E27	Deco LED	Duralamp	A	820	DA60100RPH	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***






Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
Albertslund Pendant 	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				70W	E27	Halogen Standard	Duralamp	C	1175	563	Halogen	Dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				12W	E27	Deco LED	Duralamp	A	820	DA60100RPH	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
Albertslund Wall 	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				70W	E27	Halogen Standard	Duralamp	C	1175	563	Halogen	Dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				12W	E27	Deco LED	Duralamp	A	820	DA60100RPH	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
Campbell 210 	40W Reflector R50 E14	A+ - E	410 candela	28W	E14	Reflector halogen	Duralamp	C	215	625E5-BSD	Halogen	Dimmable
				6W	E14	REFLECT LED R50	Duralamp	A+	470	LG645W	LED	Not dimmable
Campbell 275 	75W Reflector R80 E27	A+ - E	345 candela	20W	E27	Duralux Globe	Duralamp	A	1160	2062	Energy-saving	Not dimmable
				15W	E27	Duralux Short	Duralamp	A	800	6057	Energy-saving	Not dimmable
				52W	E27	Reflector halogen	Duralamp	D	540	738E5-BSD	Halogen	Dimmable
				75W	E27	Reflector	Duralamp	D	514	748	Incandescent	Dimmable
Collage Floor (discontinued) 	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				23W	E27	Master PL Electronic	Philips	A	1500	8711500 751447	Energy-saving	Not dimmable
				20W	E27	Duralux Globe	Duralamp	A	1160	2086	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable





Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
	100W A55 Matt E27	A+- E	1340	23W	E27	Duralux Twist	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				18W	E27	Master LED	Philips	A+	1521	8718291 758563	LED	Dimmable ***
				20W	E27	Duralux Globe	Duralamp	A	1160	2062	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A+	1100	DA60100RPH	LED	Dimmable ***
				100W	E27	CENTRA (Industrispære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				12W	E27	GLOB095	Dura	A+	1100	DG0357	LED	Not dimmable
	75W A55 Matt E27	A+- E	935	18W	E27	Duralux Twist Eco	Duralamp	A	1100	7018	Energy-saving	Not dimmable
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				60W	E27	CENTRA (Industrispære) Matt	Osram	E	505	4050300 010892	Incandescent	Dimmable
	100W A55 Matt E27	A+- E	1340	18W	E27	Duralux Twist Eco	Duralamp	A	1100	7018	Energy-saving	Not dimmable
				100W	E27	CENTRA (Industrispære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
	75W A55 Matt E27	A+ - E	935	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				23W	E27	Master PL Electronic	Philips	A	1500	8711500 751447	Energy-saving	Not dimmable
				20W	E27	Duralux Globe	Duralamp	A	1160	2086	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***
				60W	E27	CENTRA (Industrispære) Matt	Osram	E	505	4050300 010892	Incandescent	Dimmable
	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				23W	E27	Master PL Electronic	Philips	A	1500	8711500 751447	Energy-saving	Not dimmable
				20W	E27	Duralux Globe	Duralamp	A	1160	2086	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***
				100W	E27	CENTRA (Industrispære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
	52W Halogen E27	A+ - E	710	18W	E27	Duralux Twist	Duralamp	A	1100	7018	Energy-saving	Not dimmable
				52W	E27	Halogen Standard	Duralamp	C	815	00543	Halogen	Dimmable
				9,5W	E27	LED Classic	Megaman	A+	810	LG2509.5	LED	Not dimmable
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***






Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
Enigma 425 Note: Less light in suspension slot 	50W GR GU10	A - D	800 candela	40W 7W	GU10 GU10	Halopar LED REFLECTOR	Osram Duralamp	D A++	900 candela 650 candela	4008321 208767 LR2370dDG-WFL	Halogen LED Reflector	Dimmable Dimmable
Enigma 545 	75W GR GU10	A - D	1900 candela	75W	GU10	Halopar	Osram	D	1900 candela	4050300 856971	Halogen	Dimmable
Flindt 220 Floor 	60W A55 Matt E27	A+ - E	710	42W 60W	E27 E27	AmbienComfort CENTRA (Industripære) Matt	Duralamp Osram	C E	625 505	GLSOP-27942 4050300 010892	Halogen Incandescent	Dimmable Dimmable
Flindt 220 Pendant 	60W A55 Matt E27	A+ - E	710	42W 60W	E27 E27	AmbienComfort CENTRA (Industripære) Matt	Duralamp Osram	C E	625 505	GLSOP-27942 4050300 010892	Halogen Incandescent	Dimmable Dimmable
Flindt 475 Pendant 	100W A55 Matt E27	A+ - E	1340	23W 100W	E27 E27	Master PL electronic CENTRA (Industripære) Matt	Philips Osram	A E	1380 1000	8711500 751447 4050300 010915	Energy-saving Incandescent	Not dimmable Dimmable






Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming	
Homann Wall (Discontinued) 	40W D45 Matt E14	A - C	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable	
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable ***	
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable	
				28W	E14	Halogen Krone	Duralamp	C	370	1728	Halogen	Dimmable	
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable	
LC Shutters 	70W Halogen E27	A+ - E	1175	23W	E27	Duralux Twist	Duralamp	A	1600	8024	Energy-saving	Not dimmable	
				24W	E27	Duralux Short	Duralamp	A	1500	6062	Energy-saving	Not dimmable	
				70W	E27	Halogen Standard	Duralamp	C	1175	563	Halogen	Dimmable	
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***	
				11W	E27	Parathom LED	Osram	A+	1055	4052899 924499	LED	Dimmable ***	
				18W	E27	Master LED	Philips	A+	1050	8718291 758563	LED	Dimmable ***	
				9,5W	E27	LED Classic	Megaman	A+	810	LG2509.5	LED	Not dimmable	
Moser Ø 185 	40W A55 Matt E27	A+ - E	415	10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***	
				12W	E27	Duralux mini twist	Duralamp	A	620	7727	Energy-saving	Not dimmable	
				8W	E27	Master LED Dim Tone	Philips	A	470	8718291 192008	LED	Dimmable ***	
				28W	E27	AmbienComfort	Duralamp	C	370	RNDOP-27928	Halogen	Dimmable	
				40W	E27	CENTRA (Industripære) Matt	Osram	E	320	4050300 010878	Incandescent	Dimmable	
Moser Ø 205 	40W A55 Matt E27	A+ - E	415	10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***	
				12W	E27	Duralux mini twist	Duralamp	A	620	7727	Energy-saving	Not dimmable	
				8W	E27	Master LED Dim Tone	Philips	A	470	8718291 192008	LED	Dimmable ***	
				28W	E27	AmbienComfort	Duralamp	C	370	RNDOP-27928	Halogen	Dimmable	
				40W	E27	CENTRA (Industripære) Matt	Osram	E	320	4050300 010878	Incandescent	Dimmable	
Moser Ø 250 	60W A55 Matt E27	A+ - E	710	18W	E27	Duralux Twist	Duralamp	A	1100	7018	Energy-saving	Not dimmable	
				13W	E27	Master LED	Philips	A+	1055	8718291 758525	LED	Dimmable ***	
				12W	E27	Deco LED	Duralamp	A	820	DA6060RPH	LED	Dimmable ***	
		A+ - E	60W	E27	42W	E27	AmbienComfort	Duralamp	C	625	GLSOP-27942	Halogen	Dimmable
					60W	E27	CENTRA (Industripære) Matt	Osram	E	505	4050300 010892	Incandescent	Dimmable












Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
Nyhavn Pendant 	100W A55 Matt E27	A+ - E	1340	70W	E27	Halogen Standard	Duralamp	C	1175	563	Halogen	Dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				6W	E27	Deco LED	Duralamp	A+	600	CG6050D	LED	Dimmable ***
				5,5W	E27	LED Classic	Megaman	A+	470	LG4405.5	LED	Not dimmable
Nyhavn Wall 	100W A55 Matt E27	A+ - E	1340	70W	E27	Halogen Standard	Duralamp	C	1175	563	Halogen	Dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				6W	E27	Deco LED	Duralamp	A+	600	CG6050D	LED	Dimmable ***
				5,5W	E27	LED Classic	Megaman	A+	470	LG4405.5	LED	Not dimmable
OJ Table 	42W QD45 E14	A+ - E	625	42W	E14	Halogen Krone	Duralamp	C	625	1729	Halogen	Dimmable
				11W	E14	Duralux Twist	Duralamp	A	600	LP1114T	Energy-saving	Not dimmable
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
OJ Floor 	42W QD45 E14	A+ - E	625	42W	E14	Halogen Krone	Duralamp	C	625	1729	Halogen	Dimmable
				11W	E14	Duralux Twist	Duralamp	A	600	LP1114T	Energy-saving	Not dimmable
OJ Wall 	18W QD45 E14	A+ - E	170	5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				7W	E14	Duralux Micro Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				18W	E14	Halogen Krone	Duralamp	C	170	1718	Halogen	Dimmable

Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
Pakhus Pendant 	75W A55 Clear E27	A+ - E	935	8W	E27	LED Classic	Megaman	A+	810	LG4508	LED	Not dimmable
				42W	E27	Halogen Standard	Duralamp	C	625	542	Halogen	Dimmable
				6W	E27	Parathom LED	Osram	A+	470	4052899 924444	LED	Dimmable ***
Panthella Table 	75W A55 Matt E27	A+ - E	935	18W	E27	Duralux Twist Eco	Duralamp	A	1100	7018	Energy-saving	Not dimmable
				12W	E27	Deco LED	Duralamp	A	820	DA6060RPH	LED	Dimmable ***
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				13W	E27	Deco LED A60	Dura	A+	1100	DA6070WTT	LED	Dimmable*
Panthella Floor 	150W A65 Matt E27	A+ - E	2160	27W	E27	Superduralux Twist	Duralamp	A	1800	20565	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***
				13W	E27	Master LED	Philips	A+	1055	8718291 758525	LED	Dimmable ***
				13W	E27	Deco LED	Dura	A+	1100	DA6070WD	LED	Dimmable*
				11W	E27	LED Classic	Megaman	A+	1050	LG2311	LED	Not dimmable
PH 2/1 Table Kip (discontinued) Shades can be adjusted by using different types of light sources	40W D45 Matt E14	A+ - E	400	5W	E14	Deco LED	Duralamp	A+	440	LP4540WFP	LED	Not dimmable
				7W	E14	Duralux Mini Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PH 2/1 Table New version Shades can be adjusted by using different types of light sources 	33W Halogen G9	A - C	460	33W	G9	Halopin Eco	Osram	D	460	4008321 208668	Halogen	Dimmable
				28W	G9	Stift Halogen	Duralamp	C	370	1D1902CH	Halogen	Dimmable
				28W	G9	Eco Halogen	Philips	D	370	8727900 863987	Halogen	Dimmable
				2,5W	G9	DECO LED	Dura	A+	200	7113	LED	Dimmable





Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
PH 2/1 Pendant Shades can be adjusted by using different types of light sources 	40W D45 Matt E14	A+ - E	400	5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				7W	E14	Duralux Mini Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PH 2/1 Stemfitting Shades can be adjusted by using different types of light sources 	40W D45 Matt E14	A+ - E	3x400	5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				7W	E14	Duralux Mini Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PH 2/1 Wall Shades can be adjusted by using different types of light sources 	40W D45 Matt E14	A+ - E	400	5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				7W	E14	Duralux Mini Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PH 3/2 Academy Shades can be adjusted by using different types of light sources 	3x40W D45 Matt E14	A+ - E	3x400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable ***
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PH 3/2 Table Shades can be adjusted by using different types of light sources 	40W D45 Matt E14	A+ - E	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom Led	Osram	A+	470	4052899 911918	LED	Dimmable ***
				5W	E14	Deco LED	Duralamp	A+	400	CP4540WFP	LED	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable

Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
PH 3/2 Pendant Shades can be adjusted by using different types of light sources 	75W A55 Matt E27	A+ - E	935	9,5W	E27	LED Classic	Megaman	A+	810	LG2509.5	LED	Not dimmable
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable***
				42W	E27	AmbienComfort	Duralamp	C	625	GLSOP-27942	Halogen	Dimmable
				6W	E27	Parathom LED	Osram	A+	470	4052899 911925	LED	Dimmable***
PH 3/2 Wall Shades can be adjusted by using different types of light sources 	40W D45 Matt E14	A+ - E	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable***
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PPH 3-2½ Bollard 	60W A55 Matt E27	A+ - E	710	42W	E27	Halogen Standard	Duralamp	C	625	542	Halogen	Dimmable
				6W	E27	Decoled Goccia flux	Duralamp	A+	600	CG6050D	LED	Dimmable***
				60W	E27	CENTRA (Industripære) Matt	Osram	E	505	4050300 010892	Incandescent	Dimmable
				6W	E27	Parathom LED	Osram	A+	470	4052899 911925	LED	Dimmable***
PH 3-2½ Wall 	60W A55 Matt E27	A+ - E	710	42W	E27	Halogen Standard	Duralamp	C	625	542	Halogen	Dimmable
				6W	E27	Decoled Goccia flux	Duralamp	A+	600	CG6050D	LED	Dimmable***
				60W	E27	CENTRA (Industripære) Matt	Osram	E	505	4050300 010892	Incandescent	Dimmable
				6W	E27	Parathom LED	Osram	A+	470	4052899 911925	LED	Dimmable***
PH 3½-2½ Floor Shades can be adjusted by using different types of light sources 	100W A55 Matt E27	A+ - E	1340	100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				8W	E27	LED Classic	Megaman	A+	810	LG4508	LED	Not dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable***
				6W	E27	Decoled Goccia flux	Dura	A+	600	CG6050D	LED	Dimmable***
				13W	E27	DECO LED	Dura	A+	1100	DA6070WD	LED	Dimmable*





Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
PH 3½-2½ Kobber Table Shades can be adjusted by using different types of light sources 	46W Halogen E14	A+-E	710	46W	E14	Halogen Eco Classic	Osram	C	700	4008321 998309	Halogen	Dimmable
				5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable ***
				28W	E14	Ambien Comfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
PH 3½-3 Copper Pendant Shades can be adjusted by using different types of light sources 	100W E27	A+ - E	1340	100W	E27	CENTRA (Industripære) mat	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				42W	E27	AmbienComfort	Duralamp	C	625	GLSOP-27942	Halogen	Dimmable
PH 3½-3 Pendant Color Shades can be adjusted by using different types of light sources 	100W E27	A+ - E	1340	13W	E27	Master LED	Philips	A+	1055	8718291 758525	LED	Dimmable ***
				100W	E27	CENTRA (Industripære) mat	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				42W	E27	AmbienComfort	Duralamp	C	625	GLSOP-27942	Halogen	Dimmable
PH 4/3 Table 	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				8W	E27	LED Classic	Megaman	A+	810	LG4508	LED	Not dimmable
				10W	E27	Parathom LED	Osram	A	810	4052899 911208	LED	Dimmable ***
				10W	E27	Master LED	Philips	A+	806	8718291 765684	LED	Dimmable ***
				15W	E27	Duralux Softlight	Duralamp	A	800	20905	Energy-saving	Not dimmable
				7W	E27	LED Classic	Megaman	A+	470	LG2207D	LED	Not dimmable
PH 4/3 Pendant 	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				100W	E27	Centra (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable
				10W	E27	Parathom LED	Osram	A+	810	4052899 911208	LED	Dimmable ***
				8W	E27	LED Classic	Megaman	A+	470	LG4405.5	LED	Not dimmable






Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
PH 4½-3½ Glass Floor Shades can be adjusted by using different types of light sources	150W A65 Matt E27	A+ - E	2160	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
												
PH 4½-3½ Glass Table Shades can be adjusted by using different types of light sources	150W A65 Matt E27	A+ - E	2160	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
												
PH 4½-4 Glass Pendant	150W A65 Matt E27	A+ - E	2160	23W 18W	E27 E27	Duralux Twist Eco Master LED	Duralamp Philips	A A+	1600 1521	8024 8718291 758563	Energy-saving LED	Not dimmable Dimmable ***
												
PH5 Pendant with blue metal button (discontinued)	100W A55 E27	A+ - E	1340	23W 100W 11,5W	E27 E27 E27	Duralux Twist Eco CENTRA (Industripære) Matt Deco LED	Duralamp Osram Duralamp	A E A	1600 1000 820	8024 4050300 010915 DA6060WTT	Energy-saving Incandescent LED	Not dimmable Dimmable Dimmable ***
												






Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
PH5 Pendant with blue metal bottom (discontinued)	200W A80 Matt E27	A+ - E	3040	35W	E27	Superduralux Twist	Duralamp	A	2300	35275	Energy-saving	Not dimmable
				23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
PH 5 Classic (Plus) & PH 50 With glass bottom	200W A80 Matt E27	A+ - E	3040	35W	E27	Superduralux Twist	Duralamp	A	2300	35275	Energy-saving	Not dimmable
				23W	E27	Master PL-Electronic	Philips	A	1500	8711500 751447	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable***
				13W	E27	Master LED	Philips	A+	1055	8718291 758525	LED	Dimmable***
PH 5-4½ Shades can be adjusted by using different types of light sources	200W A80 Clear E27	A+ - E	3045	35W	E27	Superduralux Twist	Duralamp	A	2300	35275	Energy-saving	Not dimmable
				18W	E27	Master LED	Philips	A+	1521	8718291 758563	LED	Dimmable***
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable***
PH 80 Floor	100W A55 Matt E27	A+ - E	1340	23W	E27	Duralux Twist Eco	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				17W	E27	Deco LED – visible light source	Duralamp	A	1100	DA60100RPH	LED	Dimmable***
				11W	E27	Parathom LED	Osram	A+	1055	4052899 924499	LED	Dimmable***
				100W	E27	CENTRA (Industripære) Matt	Osram	E	1000	4050300 010915	Incandescent	Dimmable


Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
P-Hat Ø 225 	40W D45 Matt E14	A+ - E	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable***
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				28W	E14	AmbienComfort	Duralamp	C	370	RNDOP-14928	Halogen	Dimmable
				28W	E14	Halogen Krone	Duralamp	C	370	1728	Halogen	Dimmable
				7W	E14	Duralux Mini Krone	Duralamp	A	290	2103	Energy-saving	Not dimmable
PH Artichoke (PH Kogle) Ø 480 Shades can be adjusted by using different types of light sources 	200W A80 Clear E27	A+ - E	3045	40W	E27	Clusterlite 3000K	Megaman	A	2680	HC01040i	Energy-saving	Not dimmable
				35W	E27	Superduralux Twist	Duralamp	A	2300	35275	Energy-saving	Not dimmable
PH Artichoke (PH Kogle) Ø 600 Shades can be adjusted by using different types of light sources 	500W A110 Clear E40	A - C	8400	80W	E40	Clusterlite 3000K	Megaman	B	5400	HC01080i	Energy-saving	Not dimmable
PH Artichoke (PH Kogle) Ø 720-840 Shades can be adjusted by using different types of light sources 	500W A110 Clear E40	A - B	8400	100W	E40	Clusterlite 3000K	Megaman	B	6700	HC01100 i	Energy-saving	Not dimmable
				80W	E40	Tornado Hight Lumen 827	Philips	A	5300	8727900 808322	Energy saving	Not dimmable



Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
PH Artichoke (PH Kogle) 600/720/840 Shades can be adjusted by using different types of light sources	230W Halolux E27	A+ - E		205W	E27	Halolux Ceram Eco	Osram	D	4200	4008321 393944	Halogen	Dimmable
												
PH Louvre (PH Kugle)	500W A110 Clear E40	A - B	8400	100W 80W	E40 E40	Clusterlite 3000K Tornado Hight Lumen 827	Megaman Philips	B A	6700 5300	HC01100i 8727900 808322	Energy-saving Energy saving	Not dimmable Not dimmable
												
PH Snowball (PH Kuglelamel) Shades can be adjusted by using different types of light sources	300W A80 Clear E27	A+ - E	5000	205W 35W	E27 E27	Halolux Ceram Eco Super Duralux	Osram Duralamp	D A	4200 2300	4008321 393944 35275	Halogen Energy-saving	Dimmable Not dimmable
												
PH Wall Copper	100W A55 Matt E27	A+ - E	1340	100W 11,5W 9,5W 10W	E27 E27 E27 E27	CENTRA (Industripære) Matt Deco LED LED Classic Master LED	Osram Duralamp Megaman Philips	E A+ A+ A+	1000 820 810 806	4050300 010915 DA6060WTT LG2509.5 8718291 765684	Incandescent LED LED LED	Dimmable Dimmable *** Not dimmable Dimmable ***
												

Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
	1x40W Reflector R50 E14 +1x60W Globe G95 E27	A+ - E	410 candela 600	30W	E14	Halogen Classic R50	Osram	D	410 candela	4008321 998347	Halogen	Dimmable
				24W	E27	Duralux Globe	Duralamp	A	1450	2086	Energy-saving	Not dimmable
				13W	E27	LED Globe	Megaman	A+	1055	LG3113D	LED	Dimmable ***
	40W QT ax-14 Matt G9	A+ - D	490	33W	G9	Halopin Eco	Osram	C	460	4008321 208668	Halogen	Dimmable
				28W	G9	Halogen	Duralamp	C	370	1D1902CH	Halogen	Dimmable
				28W	G9	Eco Halo	Philips	D	370	8727900 863987	Halogen	Dimmable
	40W D45 Matt E14	A+ - E0	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable ***
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				7W	E14	Duralux Micro Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				28W	E14	Halogen Krone	Duralamp	C	370	1728	Halogen	Dimmable
	40W D45 Matt E14	A+ - E	400	5,5W	E14	LED Classic	Megaman	A+	470	LG5205.5	LED	Not dimmable
				6W	E14	Parathom LED	Osram	A+	470	4052899 911918	LED	Dimmable ***
				5W	E14	Deco LED	Duralamp	A+	440	CP4540WFP	LED	Not dimmable
				7W	E14	Duralux Micro Twist	Duralamp	A	380	LP0714T	Energy-saving	Not dimmable
				28W	E14	Halogen Krone	Duralamp	C	370	1728	Halogen	Dimmable
	40W QT ax-14 Matt G9	A - D	490	33W	G9	Halopin Eco	Osram	C	460	4008321 208668	Halogen	Dimmable
				28W	G9	Halogen	Duralamp	C	370	1D1902CH	Halogen	Dimmable
		A+- E	28W	G9	Eco Halo	Philips	D	370	8727900 863987	Halogen	Dimmable	

Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
 Toldbod 220 Glass Pendant**	60W QT ax-14 Matt G9	A - D	820	46W	G9	Halopin Eco	Osram	C	740	4008321 945334	Halogen	Dimmable
				42W	G9	Eco Halo	Philips	D	630	8727900 864014	Halogen	Dimmable
			A+- E	42W	G9	Halogen	Duralamp	C	625	101903CH	Halogen	Dimmable
 Toldbod 220 Wall	100W E27	A+ - E	1340	23W	E27	Duralux Twist	Duralamp	A	1600	8024	Energy-saving	Not dimmable
				17W	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***
 Wohlert (Sattelit) Ø 250 (discontinued)	200W A80 Matt E27	A+ - E	3040	17W*	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable
 Wohlert (Sattelit) Ø 300	200W A80 Matt E27	A+ - E	3040	35W	E27	Super Duralux Twist	Duralamp	A	2300	3527S	Energy-saving	Not dimmable
				32W	E27	Tornado	Philips	A	2255	8727900 876284	Energy-saving	Not dimmable
				17W*	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***
				13W*	E27	Master LED	Philips	A+	1055	8718291 758525	LED	Dimmable ***
 Wohlert (Sattelit) Ø 350	200W A80 Matt E27	A+ - E	3040	35W	E27	Super Duralux Twist	Duralamp	A	2300	3527S	Energy-saving	Not dimmable
				32W	E27	Tornado	Philips	A	2255	8727900 876284	Energy-saving	Not dimmable
				18W*	E27	Master LED	Philips	A+	1521	8718291 758563	LED	Dimmable ***
				17W*	E27	Deco LED	Duralamp	A	1100	DA60100RPH	LED	Dimmable ***

Product	Original light source	Energy Class	Luminous Flux Lumen	Alternative light source wattage	Socket	Product name	Brand	Class	Lumen	Order number	Type	Dimming
Wohlerl (Sattelit) Ø 400 	200W A80 Matt E27	A+ - E	3040	45W	E27	Super Duralux Twist	Duralamp	A	3100	45275	Energy-saving	Not dimmable
				42W	E27	Tornado High Lumen 827	Philips	A	3100	5727900 808223	Energy-saving	Not dimmable
				18W	E27	Master LED	Philps	A+	1521	8718291 758563	LED	Dimmable ***