

PHILIPS

Recommended
list of dimmers



BRAND	TYPE		
Busch-Jaeger	6523U-led	✓	X
Busch-Jaeger	6524U-led	✓	X
Niko	310-02800-led	✓	✓
Jung / Insta / Berker	225 NVDE / 51020 / 2873	✓	X
Legrand	67085 / 78406	✓	✓
Niko	310-01600	✓	X
Busch-Jaeger	2250U	✓	X
Popp	6120.109UP	✓	X
Popp	6120.105AP	✓	X
Niko	05715 din rail montage	✓	X
Hager	EVN011 din rail montage	✓	X
Etako	EUD12D-UC (setting on auto)	✓	✓
Etako	EUD12NPN-UC (setting on auto)	✓	✓
Etako	LUD12-230V (setting on auto)	✓	✓
MK Electric	K1534	✓	X
Crabtree	LP001BK	✓	X
Insta / Berker	51180 / 286610	✓	X
Insta / Berker / Jung / Gira	2875 / 51010 / 266GDE / 030200/100	✓	X
Opus Shalter	852392	✓	X
Peha	433HAN	✓	X
Siemens	5TC8284	✓	✓
N&L / Peha / Drespa	28969 / 435HAN	✓	X
Schneider	SD300	✓	X
N&L / Peha / Drespa	28985 / 433HAB	✓	✓
Niko	310-17	✓	X
Feller	40600RC FMI 61	✓	✓
Hager	EV004	✓	X
Hager	EV011	✓	X
Legrand	78401	✓	X
Merten	5771	✓	X
Merten	5725	✓	X

BRAND	TYPE		
Niko	310-01900	✓	X
Philips	Q42M1	✓	X
Philips	Q82M11	✓	X
APR dimmer	SED200A	✓	X
Busch-Jaeger	2200-U503	✓	X
Busch-Jaeger	6591 U-101-500	✓	X
Everflourish/Ikea	EFE0700DC	✓	X
Insta / Berker / Jung	51040 / 2874 / 225TDE	✓	X
Jung	266GDE	✓	X
Legrand	67081	✓	X
Legrand	67084	✓	✓
Merten	MTN572599	✓	X
Merten	MTN572299	✓	X
Insta / Berker	286710	✓	✓
Opus Shalter	852395	✓	✓
N&L	28985	✓	✓
Gira/Insta	30500 / 53128	✓	✓
Kopp	80.78	✓	✓
Lutron	RSNU452	✓	✓
Merten	5772	✓	✓
Schneider	LTD450RC/RL	✓	✓
Varilight	IDQ140IMS	✓	✓
Wuyun	W13C162	✓	✓
Hager	Kallysto WH20300800A	✓	✓
Hager	Kallysto WH20300800C	✓	✓
Migros	6.120.106	✓	✓
Migros	6.120.109	✓	✓
Feller	3306.24.S.FMI.61	✓	✓
Merten	MEG14538	✓	X
Busch-Jaeger	2247U - 500	✓	X
Varilight	HQ3W	✓	X
Insta / Berker	51175 / 283010	✓	X
MK	k1501 WHILV	✓	X
Wuyun	W13-A152	✓	X
Inbouw duodimmer	01.160.65	✓	X
Peha	433HAB	✓	X
Opus Shalter	852390	✓	X
Jung	243EX	✓	X
Vimar	20148	✓	X
Vimar	20162	✓	X
Busch-Jaeger	6513-U102	✓	X

BRAND	TYPE		
Schneider / Elko / Merten	ATD315 / SBD315RC / 315GLE / MEG5136	X	✓
Jung	254TDIE	X	X

✓ in tickbox: working without flickering or negative effect

X in tickbox: not working at all or not investigated



Silver dimming only functions with trailing edge dimmers.



Dimmability for:

Silver dimming is guaranteed up to 3 drivers in parallel on one dimmer (don't mix different articles)



Dimmability for:

Gold dimming is guaranteed up to 6 drivers in parallel on one dimmer (don't mix different articles)

Maximum- and minimum dimmer load must always be taken into account.




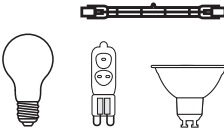

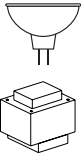

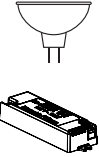





Due to the fact that the dimmer manufacturers change their specs and local circumstances may vary from the laboratory testing environment this list is a recommended dimmerlist. Philips will not accept claims due to use of the recommended dimmerlist.

The combination of different types of drivers (for example 1 dimmer combined with 1 driver and 3 spots plus 1 driver and 1 spot) may show different dimming behaviour.

The dimmers in this list are sorted on compared testresults (top shows best dimming result).

All phase cut (trailing and leading edge) led dimmers which are tested until today (October 2015) are working with gold dimming.

Many dimmers are equipped with an adjustment screws. If the dimmer causes flickering the screws must be adjusted until flickering disappears (consult dimmer manual).

PICTOGRAM LOAD	SUITABLE FOR	LOAD TYPE*	PREFERRED DIMMER TYPE			REMARKS
			Leading edge	Trailing edge	Universal	
			 R, L	 R, C	 R, L, C	
	Incandescent bulbs and halogen bulbs 230V	 R	✓	✓	✓	Works with all dimmers
	Electromagnetic transformers	 R, L	✓	⊘	✓	Always buzzing sound
	Electronic halogen transformers, electronic loads and dimmable CFL lamps	 R, C	⊘	✓	✓	
	Philips LED silver dimming	 R, C	⊘	✓	✓	Limited dimmerlist
	Philips LED gold dimming	 R, C	✓	✓	✓	Dimmable with the majority of the available wall dimmers

* R = Resistive
 L = Inductive
 C = Capacitive