



# LED SUPERSTAR CLASSIC

## Dimmer Compatibility

Limited Dimming Range  
(less than 80%)

Full Dimming Range  
(more than 80%)

For max. number of lamps on a dimmer please use the rule of thumb:  

$$\frac{\text{Max load of dimmer}}{\text{equivalent wattage (HAL/GLS)}} = \text{max. number of lamps}$$

Brand	Model	Load Range [W]	Type	LED SUPERSTAR B25 adv	LED SUPERSTAR B40 adv	LED SUPERSTAR P25 adv	LED SUPERSTAR P40 adv	LED SUPERSTAR A40 adv	LED SUPERSTAR A60 adv	LED SUPERSTAR A75 adv
				4008321979261	4052899904415	4008321980380	4052899900905	4052899911185	4052899911222	4052899913813
				4008321994011	4052899900899	4052899911140	4052899900912	4052899913790	4052899913813	
							4052899904439		4052899913837	
							4052899904422		4052899913844	
ABB	STD 50-3	60-500	L	25 - 100	4 - 100	25 - 100	4 - 100	5 - 100	9 - 100	15 - 100
Berker	2875	60-600	L	27 - 100	5 - 100	27 - 100	5 - 100	6 - 100	9 - 100	15 - 100
Berker	281902	60-400	L	37 - 100	5 - 100	37 - 100	5 - 100	5 - 100	30 - 100	15 - 100
Berker	2874	20 - 250	T						3 - 100	
Bticino	SM9350S		L	17 - 100	5 - 100	17 - 100	5 - 100			
Busch-Jaeger	6513 U-102	40-420	T					10 - 100		14 - 96
Busch-Jaeger	2200	60-400	L							14 - 100
Busch-Jaeger	2250	60-600	L	25 - 100	2 - 100	25 - 100	2 - 100	5 - 100	4 - 100	
Busch-Jaeger	2250U	60-600	T							
Busch-Jaeger	6519U	40-550	T					10 - 100	3 - 100	16 - 100
Busch-Jaeger	2247U	20-500	L		4 - 100		4 - 100	5 - 100	10 - 100	14 - 100
Busch-Jaeger	6517 U-101	60-400	L	23 - 100	5 - 100	23 - 100	5 - 100	5 - 100	10 - 100	
Clipsal	31E800T	800	T							
Clipsal	E20 serie		L							
Clipsal	32E450UDM		T					3 - 100		
Clipsal	E30		L	7 - 100	5 - 100	7 - 100	5 - 100			8 - 100
Clipsal	32E450LM		L							
Clipsal	32E450TM	450	T					5 - 100		15 - 96
Clipsal	32V500 Series	500VA	L	6 - 100	5 - 100	6 - 100	5 - 100	5 - 100		3 - 100
Clipsal	CAT400T HP M	400	T							
CONRAD	T46	20-315	T					4 - 100	4 - 100	15 - 88
DEHA	208013		L							

# LED SUPERSTAR CLASSIC

## Dimmer Compatibility

Limited Dimming Range  
(less than 80%)

Full Dimming Range  
(more than 80%)

For max. number of lamps on a dimmer please use the rule of thumb:  

$$\frac{\text{Max load of dimmer}}{\text{equivalent wattage (HAL/GLS)}} = \text{max. number of lamps}$$

Brand	Model	Load Range [W]	Type	LED SUPERSTAR B25 adv	LED SUPERSTAR B40 adv	LED SUPERSTAR P25 adv	LED SUPERSTAR P40 adv	LED SUPERSTAR A40 adv	LED SUPERSTAR A60 adv	LED SUPERSTAR A75 adv
				4008321979261 4008321994011	4052899904415 4052899900899	4008321980380 405289991140	4052899900905 4052899900912 4052899904439 4052899904422	4052899911185 4052899913790	4052899911222 4052899913813 4052899913837	4052899914377
DETA	6021		T	9 - 100	5 - 100	9 - 100	5 - 100			
DUWI	H1-53845		L							
ELSO	T30	60-400	L							14 - 100
ELSO	ATD315(174 200)	40-315	T					8 - 100		1 - 90
ELSO	174120		L					14 - 100		
EverFlourish	EF0700DC	20-300	T					4 - 100	4 - 100	15 - 94
EverFlourish	EF0700DA	50-300	L							
EverFlourish	EFM700DB	50-300	L		8 - 100		8 - 100	5 - 100	10 - 100	
EverFlourish	EFM700DC	20-300	T					3 - 98		
Gira	30600		L					6 - 100		
Gira	030700/01	60-400	T							
Gira	0300 00/01	60-400	L	4 - 100	5 - 100	4 - 100	5 - 100	5 - 100	31 - 100	16 - 100
Gira	0307 00/02	60-400	T					5 - 100		
GOA (Konrad)	EF700DC		T							
HE	He T10	60-300	L							6 - 100
HE	T46		T	35 - 99		35 - 99		4 - 100		
Helligkeitsregler	2711		L							
Honyar	KT150	15 - 160	L	29 - 100	7 - 100	29 - 100	7 - 100			15 - 100
Honyar	KT250	15 - 250	L	40 - 100	24 - 100	40 - 100	24 - 100	6 - 100		
Jung	225 NV DE	20 - 500	L	20 - 100	3 - 100	20 - 100	3 - 100	7 - 100	10 - 100	13 - 100
Jung	225TDE	20 - 252	T	40 - 100		40 - 100		5 - 100		15 - 88



# LED SUPERSTAR CLASSIC

## Dimmer Compatibility

Limited Dimming Range  
(less than 80%)

Full Dimming Range  
(more than 80%)

For max. number of lamps on a dimmer please use the rule of thumb:  

$$\frac{\text{Max load of dimmer}}{\text{equivalent wattage (HAL/GLS)}} = \text{max. number of lamps}$$

Brand	Model	Load Range [W]	Type	LED SUPERSTAR B25 adv	LED SUPERSTAR B40 adv	LED SUPERSTAR P25 adv	LED SUPERSTAR P40 adv	LED SUPERSTAR A40 adv	LED SUPERSTAR A60 adv	LED SUPERSTAR A75 adv
				4008321979261	4052899904415	4008321980380	4052899900905	4052899911185	4052899911222	4052899914377
				4008321994011	4052899900899	4052899911140	4052899900912	4052899913790	4052899913813	4052899913837
							4052899904439		4052899913844	
							4052899904422		4052899913844	
Kopp	80,33	40-400	L	34 - 100	6 - 100	34 - 100	6 - 100	8 - 100	13 - 100	14 - 90
Kopp	80,78	20-275	T					3 - 100	6 - 100	15 - 100
Legrand	775903	420VA	T					5 - 100	2 - 100	
Lichtregler	he T10	60-300	L	35 - 100	23 - 100	35 - 100	23 - 100	8 - 100	11 - 100	14 - 91
Merten	SBD315RC		T							
Merten	5771		T							
Merten	5771-99	20-315	T					3 - 100	3 - 100	16 - 91
Merten	5725-99	20-500	L	20 - 100	5 - 100	20 - 100	5 - 100	5 - 100	3 - 100	8 - 100
MK	S1535	1000	L	23 - 100	6 - 100	23 - 100	6 - 100			
OSRAM	MCU Te250	20-250	T						3 - 93	6 - 78
Panasonic	WEG57513K	40-320	L	29 - 100	5 - 100	29 - 100	5 - 100	5 - 100		
PEHA	210213	20-315	L					5 - 99		
PEHA	433 HAB	20-315	T	20 - 100		20 - 100			3 - 100	15 - 80
PEHA	D80.433V	60-300	L	20 - 100	5 - 100	20 - 100	5 - 100			
PEHA	434 o.A	60-400	L							
Pera/HE	He T46	20-315	T							8 - 91



# LED SUPERSTAR CLASSIC

## Dimmer Compatibility

Limited Dimming Range  
(less than 80%)

Full Dimming Range  
(more than 80%)

For max. number of lamps on a dimmer please use the rule of thumb:  

$$\frac{\text{Max load of dimmer}}{\text{equivalent wattage (HAL/GLS)}} = \text{max. number of lamps}$$

Brand	Model	Load Range [W]	Type	LED SUPERSTAR B25 adv	LED SUPERSTAR B40 adv	LED SUPERSTAR P25 adv	LED SUPERSTAR P40 adv	LED SUPERSTAR A40 adv	LED SUPERSTAR A60 adv	LED SUPERSTAR A75 adv
				4008321979261	4052899904415	4008321980380	4052899900905	4052899911185	4052899911222	4052899914377
				4008321994011	4052899900899	405289991140	4052899900912	4052899913790	4052899913813	4052899913837
							4052899904439		4052899913837	
							4052899904422		4052899913844	
Siemens	5TC8 284	20-525	T	40 - 100				5 - 100	2 - 100	6 - 89
Siemens	5TC8 286	50-400	L		6 - 100		6 - 100		13 - 100	
TCL-Legrand	V8051	40-630	L					5 - 100		4 - 100
Tronic	51160	315W/VA	T	35 - 100				5 - 100	4 - 100	15 - 84



# LED SUPERSTAR CLASSIC

## Dimmer Compatibility

### Please Note:

- The recommended list is based upon testing conducted by the manufacturer in a lab simulated environment, and the results can vary in certain field applications due to a number of factors. OSRAM does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using other LED lamp types
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

### Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer required the neutral wire for installation.