

DIMMERLIST DIMMERLISTE

– maximum Power per Spot
– maximale Leistung je Leuchtenkopf

max 8W

max 6W

max 4W



SPOT FIX

Product Name	EAN10	BASIC IC
SP FIX P 8W 927 PS DIM IP44 WT	4058075799523	AC42735
SP FIX P 8W 930 PS DIM IP44 WT	4058075799547	AC42736
SP FIX P 8W 940 PS DIM IP44 WT	4058075799561	AC42737
SP FIX P 8W 927 PS DIM IP44 BK	4099854000126	AC43306
SP FIX P 8W 930 PS DIM IP44 BK	4058075799585	AC42738
SP FIX P 8W 930 PS DIM IP44 SI	4058075799608	AC42739

SPOT ADJUST

Product Name	EAN10	BASIC IC
SP ADJ P 8W 927 PS DIM IP20 WT	4058075799622	AC42740
SP ADJ P 8W 930 PS DIM IP20 WT	4058075799646	AC42741
SP ADJ P 8W 940 PS DIM IP20 WT	4058075799660	AC42742
SP ADJ P 8W 927 PS DIM IP20 BK	4099854000140	AC43307
SP ADJ P 8W 930 PS DIM IP20 BK	4058075799684	AC42743
SP ADJ P 8W 930 PS DIM IP20 SI	4058075799707	AC42744

SPOT FIRE RATED

Product Name	EAN10	BASIC IC
SP FP FIX P 8W 927 PS DIM IP65 WT	4058075799721	AC42745
SP FP FIX P 8W 930 PS DIM IP65 WT	4058075799745	AC42746
SP FP FIX P 8W 940 PS DIM IP65 WT	4058075799769	AC42747
SP FP FIX P 8W 927 PS DIM IP65 BK	4099854000027	AC43308
SP FP FIX P 8W 930 PS DIM IP65 BK	4058075799783	AC42748

SPOT DARKLIGHT

Product Name	EAN10	BASIC IC
SP DK FIX P 8W 927 PS DIM IP44 WT	4058075799806	AC42749
SP DK FIX P 8W 930 PS DIM IP44 WT	4058075799820	AC42750
SP DK FIX P 8W 940 PS DIM IP44 WT	4058075799844	AC42751
SP DK FIX P 8W 927 PS DIM IP44 BK	4099854000164	AC43309
SP DK FIX P 8W 930 PS DIM IP44 BK	4058075799868	AC42752
SP DK FIX P 8W 930 PS DIM IP44 SI	4058075799882	AC42753

SPOT AIR FIX

Product Name	EAN10	BASIC IC
SP AIR FIX P 6W 927 PS DIM IP65 WT	4058075799905	AC42754
SP AIR FIX P 6W 930 PS DIM IP65 WT	4058075799929	AC42755
SP AIR FIX P 6W 940 PS DIM IP65 WT	4058075799943	AC42756
SP AIR FIX P 6W 927 PS DIM IP65 BK	4099854000188	AC43310
SP AIR FIX P 6W 930 PS DIM IP65 BK	4058075799967	AC42757
SP AIR FIX P 6W 930 PS DIM IP65 SI	4058075799981	AC42758

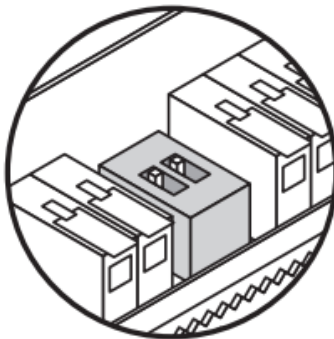
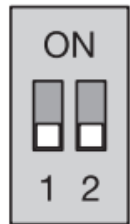
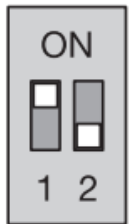


SPOT AIR ADJUST

Product Name	EAN10	BASIC IC
SP AIR ADJ P 4W 927 DIM IP23 WT	4099854000003	AC42759
SP AIR ADJ P 4W 930 DIM IP23 WT	4099854000041	AC42760
SP AIR ADJ P 4W 940 DIM IP23 WT	4099854000065	AC42761
SP AIR ADJ P 4W 927 DIM IP23 BK	4099854000201	AC43311
SP AIR ADJ P 4W 930 DIM IP23 BK	4099854000089	AC42762
SP AIR ADJ P 4W 930 DIM IP23 SI	4099854000102	AC42763

DIMMERLIST DIMMERLISTE

- adjust Power on driver
- Leistung einstellbar am Treiber



PS POWERSELECT				
SPOT FIX SPOT ADJUST	✓	✓	✓	○
			Preset	
				
Current (CC)	85mA	140mA	180mA	140mA
Power	4W	6W	8W	6W
% rated lumen	50%	80%	100%	80%

DIMMERLIST – Dimming range (Dimmer vs amount)

DIMMERLISTE – Dimmbereich (Dimmertyp vs. Anzahl)

very good	Dimming range ≥75%
good	Dimming range 60%-75%
mediocre	Dimming range <60%
critical	Flicker and/or Noise
	not tested

4W		6W		8W	
1 pc	4 pcs	1 pc	4 pcs	1 pc	4 pcs

sehr gut	Dimmbereich ≥75%
gut	Dimmbereich 60%-75%
mittel	Dimmbereich <60%
kritisch	Flackern und/oder Geräusch
	nicht geprüft

4W		6W		8W	
1 pc	4 pcs	1 pc	4 pcs	1 pc	4 pcs

Brand	Model	Dim-Type	Load-Range [W]	Input	1 pc	4 pcs	1 pc	4 pcs	1 pc	4 pcs
ABB	STD50-3	L	60-500	230V / 50Hz	100-0%	100-0%	100-0%	100-4%	100-0%	100-0%
Altenburger	50,3	T	15-350	230V / 50Hz	100-50%	98-26%	100-31%	100-17%	95-23%	100-13%
AURORA	DSP400	L	400	230V / 50Hz	100-0%	100-0%	75-0%	100-0%	100-0%	100-0%
Berker	2861	T	50-420	230V / 50Hz	100-65%	98-39%	100-19%	100-17%	95-27%	100-12%
bticino	NT4402N	L	500	230V / 50Hz	95-33%	100-33%	100-21%	100-22%	100-16%	98-17%
Busch-Jaeger	2250U	L	60-600	230V / 50Hz	100-5%	98-0%	97-3%	100-0%	97-6%	100-0%
Busch-Jaeger	6513 U-102	T	40-420	230V / 50Hz	100-50%	100-30%	98-32%	100-24%	95-29%	100-18%
Busch-Jaeger	6523 U-102	L	2-100	230V / 50Hz	100-15%	100-16%	98-10%	100-11%	92-7%	100-8%
CENTURY CONTROL	MULTI DIMMER	L	60-600	230V / 50Hz	100-4%	97-9%	100-4%	100-6%	94-3%	100-5%
DimMax	420SL	L/T	200	230V / 50Hz	100-20%	98-0%	100-13%	98-11%	100-9%	100-8%
DINUY	RE EL1 EL1	L/T	400	230V / 50Hz	100-4%	99-9%	100-7%	100-7%	100-6%	100-5%
ELKO	315GLE	T	20-315	230V / 50Hz	100-15%	100-13%	99-17%	100-8%	95-7%	100-6%
ELKO	420GLE/I	T	20-420	230V / 50Hz	99-5%	95-3%	100-3%	98-2%	97-2%	99-2%
ELKO	600GLI	L	40-600	230V / 50Hz	100-0%	100-0%	100-0%	100-18%	98-0%	100-14%
ELKO	630GLE	T	20-630	230V / 50Hz	100-47%	100-39%	99-44%	100-24%	95-22%	100-18%
Eltako	EUD61NPN-UC	L	5-400	230V / 50Hz	100-8%	100-4%	100-5%	100-6%	100-4%	100-4%
Feller	40600RLC	L	20-600	230V / 50Hz	97-29%	100-35%	100-16%	100-15%	99-13%	100-18%
Gira	030700	T	20-525	230V / 50Hz	100-25%	98-25%	100-24%	100-22%	95-20%	99-17%
Gira	117600	U	50-420	230V / 50Hz	100-67%	100-53%	100-36%	100-33%	96-27%	100-25%
Hager	WUD87	T	400	230V / 50Hz	99-33%	100-27%	100-23%	100-18%	100-18%	100-13%
Hamilton	kplx40	L	400	230V / 50Hz	100-50%	100-48%	100-32%	100-32%	89-60%	100-24%
Jung	1224 LEDUDE		3-100	230V / 50Hz	100-19%	100-0%	100-12%	100-0%	95-9%	100-0%
Jung	225 NVDE	L	20-500	230V / 50Hz	100-9%	97-0%	98-8%	100-5%	94-3%	99-4%

Brand	Model	Dim-Type	Load-Range [W]	Input	1 pc	4 pcs	1 pc	4 pcs	1 pc	4 pcs
Legrand	078405	L	600	230V / 50Hz	100-16%	98-9%	100-11%	100-12%	95-8%	100-9%
Legrand	281084	L	600	230V / 50Hz	100-0%	100-0%	100-0%	100-0%	100-0%	100-0%
Legrand	617030	L	400	230V / 50Hz	100-0%	100-0%	98-0%	100-0%	100-0%	100-0%
Legrand	617031	L	1000	230V / 50Hz	100-5%	100-6%	100-4%	100-4%	92-3%	100-3%
Legrand	665114	L	400	230V / 50Hz	100-7%	98-4%	100-4%	100-3%	94-3%	99-3%
Legrand	770062	T	400	230V / 50Hz	100-6%	100-3%	100-4%	100-3%	90-3%	99-3%
MASTER	DM-2500	L	2500	230V / 50Hz	100-10%	100-0%	100-1%	100-0%	96-0%	100-0%
MASTER	DM-DGL	L	1000	230V / 50Hz						
Merten	MEG5131	L	40-400	230V / 50Hz	98-0%	100-0%	98-0%	100-0%	100-0%	100-0%
Merten	MEG5134-0000		4-400	230V / 50Hz	100-44%	100-37%	98-28%	100-23%	95-19%	100-17%
Merten	MEG5135	L	60-1000	230V / 50Hz	100-0%	100-0%	100-0%	100-0%	97-0%	100-0%
Merten	MEG5140	L	9-10	230V / 50Hz	98-3%	98-0%	95-1%	100-0%	97-1%	98-0%
Merten	MEG5170-030	T	10-200	230V / 50Hz	100-55%	100-49%	96-35%	100-17%	71-26%	100-18%
MK	K4501	L	180	230V / 50Hz	98-14%	97-19%	96-11%	100-12%	91-8%	98-9%
NEXUS	881P-01	L	400	230V / 50Hz	98-0%	100-0%	97-0%	100-0%	100-0%	100-0%
NIKO	310-01900/01901	T	5-200	230V / 50Hz	100-7%	100-19%	100-5%	100-5%	96-7%	100-4%
NIKO	330-00700/00701	L	5-200	230V / 50Hz	100-20%	100-6%	100-5%	100-12%	96-10%	100-9%
Osram	Hti DALI 315 DIM	DALI T	20-315	230V / 50Hz	100-22%	100-24%	100-22%	100-15%	100-16%	100-10%
PEHA	435HAN	L	60-600	230V / 50Hz	98-27%	97-40%	100-16%	98-27%	97-16%	98-20%
Schneider	ELKO 400GLI	/	400	230V / 50Hz	100-15%	96-0%	98-4%	100-14%	92-7%	99-10%
shuttle	SDIM-T-LED-500W	T	2-500	230V / 50Hz	100-20%	100-20%	100-12%	100-11%	96-9%	100-9%
Siemens	5TC8 284	T	20-525	230V / 50Hz	100-30%	100-15%	100-22%	100-10%	95-17%	99-7%
VADSBO	LD220	T	1-200	230V / 50Hz	100-4%	100-4%	100-2%	100-0%	96-2%	100-1%
VARILIGHT	HQ3W	L	400	230V / 50Hz	100-13%	85-0%	100-8%	100-7%	95-6%	100-5%
Vimar	20135	T	3-100	230V / 50Hz	100-11%	100-6%	100-8%	100-7%	100-6%	100-6%
ZANO	WH401	L	400	230V / 50Hz						
ZANO	Z GRID 500	T	500	230V / 50Hz	100-0%	100-0%	100-0%	100-0%	98-0%	100-0%

T Trailing edge T Phasenabschnittsdimmer
 L Leading edge L Phasenanschnittsdimmer
 U Universaldimmer U Universaldimmer



DIMMERLIST

DIMMERLISTE

– disclaimer

– Haftungsausschluß

Please note:

- The compatibility list is based upon testing conducted by the manufacturer in a lab simulated environment, and the test results can vary in certain field applications due to a number of factors. LEDVANCE does not take over any responsibility, warranty or liability that this result can also be achieved by using the devices under other conditions, or when using other LED luminaire and -driver types
- The absence of a dimmer from this chart does not necessarily imply incompatibility
- Please reference the dimmer manufacturer's instructions for installation.
- LED luminaires and -drivers 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 luminaire, the ceiling structure as well as the dimmer or the drivers (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omissions expected
- Always make sure to use the most recent release

Application Notes:

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

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Bitte beachten:

- Die Kompatibilitätsliste basiert auf Prüfungen, die der Hersteller in einer im Labor simulierten Umgebung durchgeführt hat. Die Ergebnisse können aufgrund der verschiedenen Faktoren in manchen Praxisanwendungen abweichen. LEDVANCE übernimmt keinerlei Verantwortung, Garantie oder Haftung dafür, dass diese Ergebnisse tatsächlich mit den Geräten unter anderen Bedingungen, mit den Nachfolgemodellen der getesteten Geräte, mit anderen Modellen desselben Herstellers oder bei Verwendung anderer LED-Leuchten und –Treiber erreicht werden.
- Das Fehlen eines Dimmers in der Aufzählung bedeutet nicht, dass dieser Dimmer nicht kompatibel wäre.
- Beachten sie stets die die Installationsanweisungen des Dimmerherstellers.
- LED-Leuchten und -Treiber bestehen aus mehreren elektronischen Komponenten. Unter ungünstigen Bedingungen können diese Störgeräusche erzeugen. Im Resonanzfall können selbst geringe Geräusche einen hörbaren Effekt hervorrufen. Einflussfaktoren können die Installation, die Leuchte, der Deckenaufbau oder der Dimmer oder der Treiber (Oberschwingungen oder elektrische Resonanz) sein.
- Änderungen vorbehalten
- Irrtümer und Auslassungen vorbehalten
- Vergewissern Sie sich, dass Sie stets die aktuellste Version nutzen.

Anwendungshinweise:

- Um bestmögliche Dimmergebnisse zu erzielen, wird die Verwendung von Phasenabschnitt-Dimmern empfohlen.
- Phasenabschnitt-Dimmer erfordern bei der Installation einen Neutralleiter.