

LEDVANCE SPOT DIM DIMMER COMPATIBILITY




BASIC INFORMATION:

HOW CAN I READ THE FOLLOWING CHARTS?

Legend: Information about the dimmability of the luminaires. Green means very good dimmability habits, red means partial critical dimmability habits.

Dimmability traffic light system:	
Green	very good dimmability habits (Dimming range > 75%)
Yellow	good dimmability habits (Dimming range > 50%)
Red	partial critical dimmability habits (Clicking or acoustic noises may occur) (Dimming range < 60%)
White	not tested

LUMINAIRE

Type	LED FIX 8W WT DIMIP44	LED FIX 8W SI DIMIP44	LED FIX 8W WT DIMIP65	LED FIX 8W SI DIMIP65
Product Picture				
EAN Product Code	4058075811256	4058075811294	4058075811171	4058075811218
EAN Product Code	4058075811270	4058075811317	4058075811195	4058075811232

Information about the LEDVANCE luminaire type

Dimmer

Brand	Model	Voltage range	Power	Type	Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ABB	STD 50-3	60-500	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Altenburger Electronic	50.30	15-350	230	T	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
AURORA(Core No.9)	DSP 400	400	230	L	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green
Berker	2861	50-420	230	T	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
bticino	NT4402N	500	230	L	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Busch-Jaeger	2250 U	60-600	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busch-Jaeger	6513U-102	40-420	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busch-Jaeger	6523U-LED	2-100	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busch-Jaeger	6591UJCGI-101-214	40-420	230	T	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
CENTURY CONTR MULTI DIMMER		60-600	230	L	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green
DINUY	RE EL1 LE1	400	230	L/T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	600GLI	40-600	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	420GLE/I	40-420	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	315GLE	20-315	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	630GLE	20-630	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Elako	EUD61NPN-UC	5-400	230	L/T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Feller	40600 RLC	20-600	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

List of dimmers being tested in the laboratory

Number of luminaires tested on dimmer

Test results of dimmability according to the traffic light system

BASISINFORMATIONEN:

WIE LESE ICH DIE FOLGENDEN TABELLEN?

Legende:
Angaben zur Dimmbarkeit der Leuchten – grün bedeutet sehr gute Eigenschaften, rot bedeutet teilweise kritische Dimmeigenschaften

Dimmability traffic light system:	
Green	very good dimmability habits (Dimming range > 75%)
Yellow	good dimmability habits (Dimming range > 50%)
Red	partial critical dimmability habits (flickering or acoustic noises may occur) (Dimming range < 50%)
White	not tested

LUMINAIRE

Type	LED FIX 8W WT DIMIP44	LED FIX 8W SI DIMIP44	LED FIX 8W WT DIMIP65	LED FIX 8W SI DIMIP65
Product Picture				
E AN	4058075811256	4058075811294	4058075811171	4058075811218
Product Code				
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Product Code				

Angaben zum LEDVANCE Leuchten Typ

Dimmer

Brand	Model	Voltage range	Power	Type	Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ABB	STD 50-3	60-500	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Altenburger Electronic	50.30	15-350	230	T	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
AURORA(Core No.9)	DSP 400	400	230	L	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green
Berker	2861	50-420	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
btcino	NT4402N	500	230	L	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Busch-Jaeger	2250 U	60-600	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busch-Jaeger	6513U-102	40-420	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busch-Jaeger	6523U-LED	2-100	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busch-Jaeger	6591UJCGI-101-214	40-420	230	T	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
CENTURY CONTR MULTI DIMMER		60-600	230	L	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Green	Green	Green
DINUY	RE EL1 LE1	400	230	L/T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	600GLI	40-600	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	420GLE A	40-420	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	315GLE	20-315	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
ELKO	630GLE	20-630	230	T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Etako	EUD61NPN-UC	5-400	230	L/T	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Feller	40600 R LC	20-600	230	L	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

Anzahl der an einem Dimmer getesteten Leuchten

Liste der getesteten Dimmer

Ergebnisse des Dimmbarkeitstests nach dem Ampelsystem

Dimmability traffic light system:

- Green very good dimmability habits (Dimming range \geq 75%)
- Yellow good dimmability habits (Dimming range \geq 60%)
- Red partial critical dimmability habits (flickering or acoustic noises may occur) (Dimming range $<$ 60%)
- White not tested

LUMINAIRE

Type	LED FIX 8W WT DIM IP44	LED FIX 8W SI DIM IP44	LED FIX 8W WT DIM IP65	LED FIX 8W SI DIM IP65
Product Picture				
EANs	4058075811256 4058075811270	4058075811294 4058075811317	4058075811171 4058075811195	4058075811218 4058075811232

Dimmer					Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:			
Brand	Model	Voltage range	Power	Type	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ABB	STD 50-3	60-500	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Altenburger Electronic	50.30	15-350	230	T	Red	Red			Red	Red			Red	Red			Red	Red		
AURORA(Core No.9)	DSP 400	400	230	L	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
Berker	2861	50-420	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
bticino	NT4402N	500	230	L	Red	Red			Red	Red			Red	Red			Red	Red		
Busch-Jaeger	2250 U	60-600	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Busch-Jaeger	6513U-102	40-420	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
Busch-Jaeger	6523U-LED	2-100	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Busch-Jaeger	6591UJCG-101-214	40-420	230	T	Red	Green			Red	Green			Red	Green			Red	Green		
CENTURY CONTROL	MULTI DIMMER	60-600	230	L	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
DINUY	RE EL1 LE1	400	230	L/T	Green	Green			Green	Green			Green	Green			Green	Green		
ELKO	600GLi	40-600	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
ELKO	420GLE/I	40-420	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
ELKO	315GLE	20-315	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
ELKO	630GLE	20-630	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
Eltako	EUD61NPN-UC	5-400	230	L/T	Green	Green			Green	Green			Green	Green			Green	Green		
Feller	40600 RLC	20-600	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Gira	217400	4X20-250	230	T	Red	Green			Red	Green			Red	Green			Red	Green		
Gira	030700	20-525	230	T	Green	Green			Green	Green			Green	Green			Green	Green		

Dimmability traffic light system:

- Green very good dimmability habits (Dimming range $\geq 75\%$)
- Yellow good dimmability habits (Dimming range $\geq 60\%$)
- Red partial critical dimmability habits (flickering or acoustic noises may occur) (Dimming range $< 60\%$)
- White not tested

LUMINAIRE

Type	LED FIX 8W WT DIM IP44	LED FIX 8W SI DIM IP44	LED FIX 8W WT DIM IP65	LED FIX 8W SI DIM IP65
Product Picture				
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Dimmer					Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Brand	Model	Voltage range	Power	Type																
Gira	030500	50-420	230	T	Red	Green			Red	Green			Red	Green			Red	Green		
Gira	117600	50-420	230	U	Green	Red			Green	Red			Green	Red			Green	Red		
Hager	WUD87	400	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
Jung	225 NVDE	20-500	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Jung	225 TDE	20-525	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
Legrand	281084	500	230	L	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
Legrand	078405	600	230	L	Green	Yellow			Green	Yellow			Green	Yellow			Green	Yellow		
Legrand	770062	400	230	T	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
Legrand	281080	500	230	L	Red	Green			Red	Green			Red	Green			Red	Green		
Legrand	770061	400	230	L	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
Legrand	099314	300	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Legrand	665114	400	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Legrand	617030	600	230	L	Red	Green			Red	Green			Red	Green			Red	Green		
Legrand	617031	1000	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Hamilton	KP1X40	400	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
MASTER	DM-2500	2500	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
MASTER	DM-DGL	1000	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Merten	MEG 5131	40-400	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Merten	MEG 5135	60-1000	230	L	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
Merten	MEG 5140	9-100	230	L	Yellow	Green			Yellow	Green			Yellow	Green			Yellow	Green		
Merten	MEG 5170-0300	10-200	230	T	Red	Red			Red	Red			Red	Red			Red	Red		
MK	K4501	180	230	L	Green	Green			Green	Green			Green	Green			Green	Green		

Dimmability traffic light system:

- Green very good dimmability habits (Dimming range $\geq 75\%$)
- Yellow good dimmability habits (Dimming range $\geq 60\%$)
- Red partial critical dimmability habits (flickering or acoustic noises may occur) (Dimming range $< 60\%$)
- White not tested

LUMINAIRE

Type	LED FIX 8W WT DIM IP44	LED FIX 8W SI DIM IP44	LED FIX 8W WT DIM IP65	LED FIX 8W SI DIM IP65
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Dimmer					Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:				Number of luminaires on dimmer:			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Brand	Model	Voltage range	Power	Type																
NEXUS	881P-01	400	230	L	Red	Red			Red	Red			Red	Red			Red	Red		
NIKO	330-00700 / 00701	5-200	230	L/T	Green	Green			Green	Green			Green	Green			Green	Green		
NIKO	310-01900 / 01901	5-200	230	L/T	Green	Green			Green	Green			Green	Green			Green	Green		
Osram	Hti DALI 315 DIM	20-315	230	DALI T	Green	Green			Green	Green			Green	Green			Green	Green		
PEHA	435 HAN	60-600	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Schneider	ELKO 400GLI	400	230	/	Red	Red			Red	Red			Red	Red			Red	Red		
Shuttle	SDIM-T-LED-500W	2-500	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
Siemens	5WG1-527-1AB31	20-500	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
Siemens	5TC8 284	20-525	230	T	Red	Green			Red	Green			Red	Green			Red	Green		
VADSBO	LD 220	1-200	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
VARILIGHT	JQP401W	400	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
VARILIGHT	HQ3W	400	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
Vimar	20135	3 - 100	230	L/T	Green	Green			Green	Green			Green	Green			Green	Green		
ZANO	Z GRID 500	500	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
ZANO	WH251	250	230	L	Green	Green			Green	Green			Green	Green			Green	Green		
ZANO	Z GRID 700	250	230	T	Green	Green			Green	Green			Green	Green			Green	Green		
ZANO	WH401	400	230	L	Green	Green			Green	Green			Green	Green			Green	Green		

Please Note:

- The compatibility 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. LEDVANCE does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, or when using other LED luminaire types.
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

Bitte beachten:

- Die Kompatibilitätsliste basiert auf Tests, die der Hersteller in einer im Labor simulierten Umgebung durchgeführt hat. Die Ergebnisse können aufgrund verschiedener Faktoren in manchen Praxisanwendungen abweichen. LEDVANCE übernimmt keinerlei Verantwortung, Garantie oder Haftung dafür, dass diese Ergebnisse tatsächlich mit den Geräten unter anderen Bedingungen, mit Nachfolgemodellen der getesteten Geräte, mit anderen Modellen desselben Herstellers oder bei Verwendung anderer LED-Lampentypen erreicht werden.
- Das Fehlen eines Dimmers in der Abbildung bedeutet nicht, dass er nicht kompatibel ist.
- Lesen Sie stets die Installationsanweisungen des Dimmerherstellers.
- Änderungen vorbehalten.
- Irrtümer und Auslassungen vorbehalten.
- Vergewissern Sie sich, dass Sie stets die aktuellste Version benutzen.

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