

Lutron® Qualified DALI Devices

In order to ensure compatibility and performance, Lutron requires that any DALI device, such as fluorescent ballasts or LED drivers, used with a Lutron® DALI controller fully comply with the DALI standard and pass the DALI tests as described in IEC 60929 Annex E (Edition 4.0 2011-05) and IEC 62386 (Edition 1.0, 2009-06) standards.

As a value-added service to our customers, Lutron will perform compatibility testing on any DALI device with Lutron® controls.

In the list below you can find the DALI devices already tested by Lutron and that are known to be fully compatible with the listed Lutron® DALI controllers.

If there is a device you would like to use on a project that is not on the “Lutron® Qualified DALI Devices” or the “Lutron® Qualified Emergency DALI Devices” list, contact your Lutron sales representative or Lutron Technical Support for details on how to get these devices tested by Lutron.

If you have a device with a similar model number as one listed but a different revision number it will need to be sent to Lutron for testing. The Lutron warranty will only cover use with DALI devices that are on the qualified list or have been verified to meet the DALI standard.

Lutron® DALI® Controllers

Model	Description	# DALI Loops	# Zones per Loop	Frequency
LQSE-2DAL-D	DALI Power Module	2	16	N/A
QSNE-2DAL-D	Energi Savr Node™ QS / DALI	2	16	N/A
QSGR-6D	GRAFIK Eye® QS	1	6	N/A
QSGR-8D	GRAFIK Eye® QS	1	8	N/A
QSGR-16D	GRAFIK Eye® QS	1	16	N/A
QSGRK-6D	GRAFIK Eye® QS	1	6	868 MHz Clear Connect® wireless
QSGRK-8D	GRAFIK Eye® QS	1	8	868 MHz Clear Connect® wireless
QSGRK-16D	GRAFIK Eye® QS	1	16	868 MHz Clear Connect® wireless
QSGRM-6D	GRAFIK Eye® QS	1	6	868 MHz Limited Clear Connect® wireless
QSGRM-8D	GRAFIK Eye® QS	1	8	868 MHz Limited Clear Connect® wireless
QSGRM-16D	GRAFIK Eye® QS	1	16	868 MHz Limited Clear Connect® wireless

Lutron® Qualified DALI® Devices

Manufacturer	Model Number	Date Tested	Dimming Range	# of Lamps	Wattage	Lamp Type	Line Voltage
BAG Electronics	MLD54.1 F-01	15 DEC 2012	1-100%	1	54 W (FQ) 28 W (FH)	T5 (FQ) T5 (FH)	220-240 V~
eldoLED	DUALdrive 1060/M	15 OCT 2012	–	4	100 W	LED	220-240 V~
eldoLED	SOLOdrive 360/A	11 FEB 2014	1-100%	–	–	LED	120-277 V~
eldoLED	ECOdrive 560-S	3 JUL 2015	1-100%	–	–	LED	220-240 V~
eldoLED	ECOdrive 360-S	3 JUL 2015	1-100%	–	–	LED	220-240 V~
Harvard Engineering	CoolLED CL1000D-240-C	21 AUG 2012	10-100%	1	54 W	LED	220-240 V~

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Lutron® Qualified DALI® Devices (continued)

Manufacturer	Model Number	Date Tested	Dimming Range	# of Lamps	Wattage	Lamp Type	Line Voltage
Harvard Engineering	CoolLED CL50-1000ADF-240-B	05 SEP 2012	10-100%	1	48 W	LED	220-240 V~
Mackwell	XY6/PL1/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XY4/550/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYVR/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYVM/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYVSM/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYVS/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYLUX LR/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYLUX LR3/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYLUX LD4/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYLUX LD5/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Mackwell	XYLUX LD3/D1	3 JUL 2015	1-100%	-	-	LED	220-240 V~
Osram	QTI DALI 2x28/54 DIM	11 MAR 2010	1-100%	2	28, 54 W	T5	220-240 V~
Osram	QTI DALI 1x14/24 DIM	11 MAR 2010	1-100%	1	14, 24 W	T5	220-240 V~
Osram	QTI DALI 1x28/54 DIM	11 MAR 2010	1-100%	1	28, 54 W	T5	220-240 V~
Osram	QTi DALI 4X14/24 DIM	11 MAR 2010	1-100%	4	14, 24 W	T5	220-240 V~
Osram	QTi DALI 2X35/49/80 DIM	11 MAR 2010	1-100%	2	35, 49, 80 W	T5	220-240 V~
Osram	QTi DALI 2X14/24 DIM	11 MAR 2010	1-100%	2	14, 24 W	T5	220-240 V~
Osram	QTi DALI 3X14/24 DIM	11 MAR 2010	1-100%	3	14, 24 W	T5	220-240 V~
Osram	QTi DALI-T/E 1X18-57 DIM	11 MAR 2010	1-100%	1	18, 57 W	T8	220-240 V~
Osram	QTi DALI 4X18 DIM	11 MAR 2010	1-100%	4	18 W	T8	220-240 V~
Osram	QTi DALI 1x35/49/80 DIM	11 MAR 2010	1-100%	1	35, 49, 80 W	T5	220-240 V~
Osram	QTI DALI-T/E 2X 18/42	11 MAR 2010	3-100%	2	18, 42 W	T8	220-240 V~
Osram ¹	Optotronic OTi DALI 75/220-240/ 24 1-4 CH	02 NOV 2012	1-100%	4	0-75 W	LED	220-240 V~
Osram	QTi 1x21/39 DIM	11 FEB 2014	1-100%	1	21, 39 W	T5	220-240 V~
Osram ¹	Optotronic OTi DALI DIM	11 FEB 2014	1-100%	-	-	LED	10-24 V~
Osram ¹	Optotronic OTi DALI 75/220-240/24 1-4 CH	11 FEB 2014	1-100%	-	-	LED	220-240 V~
Osram ¹	Optotronic OTi Optotronic DALI 75/220-240/24	11 FEB 2014	1-100%	-	-	LED	220-240 V~
Philips	HF-R TD 14-35 TL5 EII	11 MAR 2010	1-100%	1	14-35 W	TL5	220-240 V~
Philips	HF-R TD 240 PL-L EII	11 MAR 2010	1-100%	2	40 W	PL-L	220-240 V~
Philips	HF-R TD 318 TLD EII	11 MAR 2010	1-100%	3	18 W	TL-D	220-240 V~
Philips	HF-R TD 414 TL5 EII	17 DEC 2012	1-100%	4	14 W	TL-5	220-240 V~
Philips	Xitanium 0.15-0.4A 200V TD 230V	15 SEP 2012	1-100%	-	75 W	JST	220-240 V~
Philips	Xitanium GL Prog sXt	11 FEB 2014	1-100%	-	-	LED	125-280 V~

¹ Does not report lamp failure

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Lutron® Qualified DALI® Devices (continued)

Manufacturer	Model Number	Date Tested	Dimming Range	# of Lamps	Wattage	Lamp Type	Line Voltage
Sylvania	QTP 1x14 T5/UNV DALI	11 MAR 2010	–	1	14 W	T5	120-277 V~
TCI	DC Maxi Jolly DALI	19 SEP 2012	–	–	–	LED	220-240 V~
TRIDONIC.ATCO	PCA 1/14 T5 EXCEL one4all LP	11 MAR 2010	1-100%	1	14 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 1/28 T5 EXCEL one4all LP	11 MAR 2010	1-100%	1	28 W	T5	220-240 V~
TRIDONIC.ATCO	DALI-PCD 300 one4all	11 MAR 2010	1-100%	1	30-300 VA	INC LV HAL	220-240 V~
TRIDONIC.ATCO	PCA 2/18 TCD EXCEL one4all	04 NOV 2011	3-100%	2	18 W	TC-DEL TC-TEL	220-240 V~
TRIDONIC.ATCO	PCA 2/26 TCD EXCEL one4all	11 MAR 2010	3-100%	2	26 W	TC-TEL	220-240 V~
TRIDONIC.ATCO	PCA 1/40 T5c EXCEL one4all	11 MAR 2010	3-100%	1	40 W	T5C	220-240 V~
TRIDONIC.ATCO	PCA 2/40 TCL EXCEL one4all	11 MAR 2010	3-100%	2	40 W	TC-L	220-240 V~
TRIDONIC.ATCO	PCA 2/35 T5 EXCEL one4all LP	11 MAR 2010	1-100%	2	35 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 4/14 T5 EXCEL one4all	11 MAR 2010	10-100%	4	14 W	T5	220-240 V~
TRIDONIC.ATCO	TE-DC2 0300 D101 one4all	11 MAR 2010	1-100%	–	300 VA	ELV	220-240 V~
TRIDONIC.ATCO	TE-0150 one4all sc	11 MAR 2010	1-100%	–	150 VA	ELV	220-240 V~
TRIDONIC.ATCO	TE-0105 one4all cc	11 MAR 2010	1-100%	1	20-105 W	INC LV HAL	220-240 V~
TRIDONIC.ATCO	TE-0105 one4all sc	29 NOV 2011	1-100%	1	20-105 VA	Dimmable Isolating Transformer	220-240 V~
TRIDONIC.ATCO	LCAI 080 0350 IO10 ONE4ALL	30 MAY 2012	1-100%	–	–	LED	220-240 V~
TRIDONIC.ATCO	PCA 1x14/24 t5 ECO lp	08 AUG 2012	1-100%	1	14, 24 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 1x18 t8 ECO lp	08 AUG 2012	1-100%	1	18 W	T8	220-240 V~
TRIDONIC.ATCO	PCA 1x18 T8 EXCEL one4all lp	14 AUG 2012	1-100%	1	18 W	T8	220-240 V~
TRIDONIC.ATCO	PCA 2X28/54 T5 ECO lp	17 DEC 2012	1-100%	2	28, 54 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 1x14/24 T5 Excel one4all lp	14 AUG 2012	1-100%	1	14, 24 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 1x18 TC ECO	14 AUG 2012	3-100%	1	18 W	TC-DEL TC-TEL	220-240 V~
TRIDONIC.ATCO	PCA 1x18 TC EXCEL one4all	14 AUG 2012	3-100%	1	18 W	TC-DEL TC-TEL	220-240 V~
TRIDONIC.ATCO	LED 0018 K350 350mA DALI RGB	21 AUG 2012	1-100%	1	–	LED Converter Digital	220-240 V~
TRIDONIC.ATCO	PCA 2x35/49 T5 ECO lp xtec II	11 FEB 2014	1-100%	2	35, 49 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 1x35/49/80 T5 ECO lp xtec II	11 FEB 2014	1-100%	1	35 W	T5	220-240 V~
TRIDONIC.ATCO	PCA 2x35/49 T5	8 AUG 2014	1-100%	2	35, 45 W	T5	220-240 V~
TRIDONIC.ATCO	EM 36 PRO EZ-3	8 AUG 2014	1-100%	–	–	LED	220-240 V~
TRIDONIC.ATCO	EM 34 PRO EZ-3 TX	11 FEB 2014	1-100%	–	–	LED	220-240 V~

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Lutron® Qualified DALI® Devices (continued)

Manufacturer	Model Number	Date Tested	Dimming Range	# of Lamps	Wattage	Lamp Type	Line Voltage
Vossloh Schwabe	ELXd 242.813	27 SEP 2011	1-100%	2	18, 26, 32, 42 W	TC-DEL TC-TEL	220-240 V~
Vossloh Schwabe	ESTd 150/12.661	20 JAN 2012	1-100%	3	50-150 W	Electronic Converter for Halogen Lamps	230-240 V~
Vossloh Schwabe	ELXd 324.626	17 FEB 2012	6-100%	3	14, 24 W	T5/TC-L	220-240 V~
Vossloh Schwabe	ELXd 154.603	23 JUL 2012	1-100%	1	28, 54, 55 W	T5/TC-L	220-240 V~
Vossloh Schwabe	ELXd 180.605	23 JUL 2012	1-100%	1	35, 49, 80 W	T5	220-240 V~
Vossloh Schwabe	EXLd 142.709	27 JUL 2012	6-100%	1	26, 32, 42 W	TC-DEL TC-TEL	220-240 V~
Vossloh Schwabe	EXLd 249.606	27 JUL 2012	1-100%	2	35, 49 W	T5	220-240 V~
Vossloh Schwabe	EXLd 254.604	27 JUL 2012	1-100%	2	28, 54, 55 W	T5/TC-L	220-240 V~
Vossloh Schwabe	EXLd 242.711	27 JUL 2012	6-100%	2	26, 32, 42 W	TC-DEL TC-TEL	220-240 V~
Vossloh Schwabe	EXLd 218.707	27 JUL 2012	6-100%	2	18 W	TC-DEL TC-TEL	220-240 V~
Vossloh Schwabe	EXLd 157.812	30 JUL 2012	6-100%	1	18, 26, 32, 42, 57 W	TC-DEL TC-TEL	220-240 V~
Vossloh Schwabe	EXLd 124.600	30 JUL 2012	1-100%	1	14, 24 W	T5/24 W TC-L	220-240 V~
Vossloh Schwabe	EXLd 224.601	30 JUL 2012	1-100%	2	14, 24 W	T5/24 W TC-L	220-240 V~
Vossloh Schwabe	EXLd 118.705	30 JUL 2012	6-100%	1	18 W	TC-DEL TC-TEL	220-240 V~
Vossloh Schwabe	EXLd 424.628	30 JUL 2012	1-100%	4	14, 24 W	T5/24 W TC-L	220-240 V~

Lutron® Qualified Emergency DALI® Devices

Manufacturer	Model Number	Date Tested	# of Lamps	Line Voltage
TRIDONIC.ATCO	EMPowerLed 2 W PRO EZ-3	12 JUL 2012	1	220-240 V~
TRIDONIC.ATCO	EM 14 PRO EZ-3	27 AUG 2012	1	220-240 V~
TRIDONIC.ATCO	EMPowerLed 1 W PRO EZ-3	29 AUG 2012	1	220-240 V~
TRIDONIC.ATCO	EM 34 PRO EZ-3 TX	11 FEB 2014	-	220-240 V~
TRIDONIC.ATCO	EM 36 PRO EZ-3	11 FEB 2014	-	220-240 V~

Lutron, Clear Connect, and GRAFIK Eye are registered trademarks and Energi Savr Node is a trademark of Lutron Electronics Co., Inc. DALI is a registered trademark of ZVEI - Zentralverband Elektrotechnikund Elektronikindustrie e.V.

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