

TUNABLE WHITE & LINEAR LED DRIVERS

	Model	Output protection	Control	IP rating	Max. output power [W]	Output type	Output Current (mA)	Output Voltage [V]	Luminaire Class	Power factor at max. load	Efficiency at max load	Dimensions L x W x H [mm]	Lifetime up to (h)	
TUNABLE WHITE	LC35/2-DA-iC	SELV < 60 V	DALI + DT8	IP20	35	Adjustable	350-700	12-50 (350 mA), 12-50 (700mA)	I, II, III	0.96	0.88	122.9 x 79 x 30	100000	
	LL35/2-E-DA-iC	SELV < 120 V	DALI + DT8	IP20	35	Adjustable	350-700	25-100 (350 mA), 25-50 (700 mA)	I, II	0.96	0.88	360 x 30 x 21	100000	
	LL60/2-E-DA-iC	SELV < 120 V	DALI + DT8	IP20	60	Adjustable	350-700	20-100 (350 mA), 25-85 (700 mA)	I, II	0.98	0.90	360 x 30 x 21	100000	
DIMMABLE DALI	LL1x50-E-DA	SELV < 60 V	DALI	IP20	50.4	Adjustable	1050-1400	20-48 (1050 mA), 20-36 (1400 mA)	I, II	0.98	0.88	360 x 30 x 21	100000	
	LL1x40-E-DA-350-700	SELV < 120 V	DALI	IP20	40	Adjustable	350-700	20-80 (350 mA), 20-57 (700 mA)	I, II, III	0.96	0.89	184 x 46.5 x 28	100000	
	LL1x40-E-DA-700-1050	SELV < 120 V	DALI	IP20	40	Adjustable	700-1050	20-57 (700 mA), 20-44 (900 mA), 20-38 (1050 mA)	I, II, III	0.96	0.89	184 x 46.5 x 28	100000	
	LL2x35-E-DA	SELV < 120 V	DALI	IP20	2x35	Adjustable	350-700	25-100 (350 mA), 25-50 (700 mA)	I, II	0.98	0.90	380 x 35 x 21	100000	
	LL1x10-42-E-DA	Non-Isolated	DALI	IP20	42	Adjustable	120-350	80-350 (120 mA), 50-120 (350 mA)	I, II	0.96	0.93	280 x 30 x 21	100000	
	LL1x23-80-DA	Non-Isolated	DALI	IP20	80	Adjustable	150-350	150-350 (150 mA), 64-228 (350 mA)	I, II	0.98	0.95	280 x 30 x 21	100000	
	LL1x70-E-DA	Non-Isolated	DALI	IP20	70	Adjustable	350-700	50-200 (350 mA), 50-100 (700 mA)	I, II	0.98	0.91	280 x 30 x 21	100000	
	LL1x80-DA-350-700	Non-Isolated	DALI	IP20	80	Adjustable	350-700	70-228 (350 mA), 35-114 (750 mA)	I, II	0.98	0.94	280 x 30 x 21	100000	
	LL1x80-CR-DA	Non-Isolated	DALI-2	IP20	80	Adjustable	350-700	50-220 (350 mA), 35-114 (750 mA)	I, II	0.98	0.94	280 x 30 x 21	100000	
	LL1x110-E-DA	Non-Isolated	DALI	IP20	110	Adjustable	350-700	120-314 (350 mA), 50-157 (750 mA)	I, II	0.98	0.94	280 x 30 x 21	100000	
	LL1x150-CR-DA	Non-Isolated	DALI-2	IP20	150	Adjustable	350-700	257-350 (350 mA), 128-214 (700 mA)	I, II	0.98	0.96	360 x 30 x 21	100000	
	LINEAR LED DRIVERS	LL1x50-E-CC	SELV < 60 V	ON/OFF	IP20	50.4	Adjustable	1050-1400	20-48 (1050 mA), 20-36 (1400 mA)	I, II	0.97	0.88	280 x 30 x 21	100000
		LL1x50-E-CC-700-1050	SELV < 60 V	ON/OFF	IP20	50.4	Adjustable	700-1050	30-48 (700 mA), 20-48 (1050 mA)	I, II	0.96	0.90	280 x 30 x 21	100000
		LL1x80-CC-1400-2100	SELV < 60 V	ON/OFF	IP20	80	Adjustable	1400-2100	25-54 (1400 mA), 25-38 (2100 mA)	I, II	0.98	0.91	360 x 30 x 21	100000
		LL2x25-E-CC	SELV < 60 V	ON/OFF	IP20	50.4	Adjustable	350-700	20-50 (350 mA), 20-36 (700 mA)	I, II	0.96	0.87	360 x 30 x 21	100000
LL1x10-42-E-CC		Non-Isolated	ON/OFF	IP20	42	Adjustable	120-350	80-350 (120 mA), 80-300 (140 mA), 30-120 (350 mA)	I, II	0.98	0.94	190 x 30 x 21	100000	
LL1x10-42-CC-350-700		Non-Isolated	ON/OFF	IP20	42	Adjustable	350-700	28-120 (350 mA), 20-60 (700 mA)	I, II	0.98	0.91	230 x 30 x 21	100000	
LL1x23-80-E-CC		Non-Isolated	ON/OFF	IP20	80	Adjustable	150-350	150-350 (150 mA), 120-350 (200 mA), 120-228 (350 mA)	I, II	0.98	0.95	230 x 30 x 21	100000	
LL1x70-E-CC		Non-Isolated	ON/OFF	IP20	70	Adjustable	350-700	50-200 (350 mA), 50-100 (700 mA)	I, II	0.98	0.91	280 x 30 x 21	100000	
LL1x80-E-CC-350-700		Non-Isolated	ON/OFF	IP20	80	Adjustable	350-700	120-228 (350 mA), 50-114 (700 mA)	I, II	0.98	0.94	280 x 30 x 21	100000	
LL1x110-E-CC-200-350		Non-Isolated	ON/OFF	IP20	110	Adjustable	200-350	120-350 (200 mA), 120-314 (350 mA)	I, II	0.98	0.95	230 x 30 x 21	100000	
LL1x110-E-CC-350-700		Non-Isolated	ON/OFF	IP20	110	Adjustable	350-700	120-314 (350 mA), 50-157 (700 mA)	I, II	0.98	0.95	280 x 30 x 21	100000	
LL1x150-E-CC		Non-Isolated	ON/OFF	IP20	150	Adjustable	350-700	257-350 (350 mA), 128-214 (700 mA)	I, II	0.98	0.96	280 x 30 x 21	100000	
NON-DIMMABLE CONSTANT CURRENT		LL1x21-CC	Basic Isolated	ON/OFF	IP20	21	Selectable	300/350	45-65 (300 mA), 40-60 (350 mA)	I, II	0.97	0.86	230 x 30 x 21	100000
LL1x26-CC		Basic Isolated	ON/OFF	IP20	26	Multiple	300/350	20-75	I, II	0.97	0.90	230 x 30 x 21	100000	
LL1x38-CC		Basic Isolated	ON/OFF	IP20	38.5	Multiple	300/350	70-110 (300 mA), 70-110 (350 mA)	I, II, III	0.98	0.89	230 x 30 x 21	100000	
LL1x38-CC-350	Basic Isolated	ON/OFF	IP20	38	Fixed Current	350	80-110	I, II	0.97	0.88	230 x 30 x 21	100000		
LL1x54-CC-350	Basic Isolated	ON/OFF	IP20	54	Fixed Current	350	105-155	I, II	0.96	0.89	230 x 30 x 21	100000		

COMPACT LED DRIVERS

	Model	Output protection	Control	IP rating	Max. output power [W]	Output type	Output Current (mA)	Output Voltage [V]	Luminaire Class	Power factor at max. load	Efficiency at max load	Dimensions L x W x H [mm]	Lifetime up to (h)
DIMMABLE DALI / 1-10 V	LC1x25-DA	SELV < 60 V	DALI	IP20	25	Adjustable	350-700	9-48 (350 mA), 9-36 (700 mA)	I, II, III	0.97	0.89	106 x 67 x 28	100000
	LC1x35-DA	SELV < 60 V	DALI	IP20	35	Adjustable	700-1050	20-48 (700 mA), 20-34 (1050 mA)	I, II, III	0.97	0.89	106 x 67 x 28	100000
	LC1x50-E-DA	SELV < 60 V	DALI	IP20 *	50.4	Adjustable	1050-1400	20-48 (1050 mA), 20-36 (1400 mA)	I, II, III	0.98	0.88	125 x 81 x 30	100000
	LC1x30-E-DA	SELV < 120 V	DALI	IP20 *	30	Selectable	350 / 500 / 700	10-60 (350 mA), 10-60 (500 mA), 10-43 (700 mA)	I, II, III	0.96	0.87	106 x 67 x 28	100000
	LC1x70-E-DA	SELV < 120 V	DALI	IP20	70	Adjustable	700-1400	30-100 (700 mA), 30-50 (1400 mA)	I, II, III	0.98	0.91	143.6 x 71.3 x 30	100000
	LC1x28-AN	SELV < 60 V	1-10 V	IP20	28	Multiple	350 / 500 / 700	10-50 (350 mA), 10-50 (500 mA), 10-40 (700 mA)	I, II, III	0.96	0.86	106 x 67 x 28	100000
	LC1x30-E-AN	SELV < 120 V	1-10 V	IP20 *	30	Multiple	350 / 500 / 700	10-60 (350 mA), 10-60 (500 mA), 10-43 (700 mA)	I, II, III	0.96	0.87	106 x 67 x 28	100000
NON-DIMMABLE CONSTAN CURRENT	LC1x14-CC-350	SELV < 60 V	ON/OFF	IP20	14.7	Fixed Current	350	31-42	I, II, III	0.95	0.89	115 x 45 x 29	50000
	LC1x20-CC-500	SELV < 60 V	ON/OFF	IP20	21	Fixed Current	500	31-42	I, II, III	0.95	0.89	115 x 45 x 29	50000
	LC1x25-CC	SELV < 60 V	ON/OFF	IP20	25.2	Adjustable	350-700	20-45 (350 mA), 20-36 (700 mA)	I, II, III	0.97	0.89	106 x 67 x 28	100000
	LC1x30-CC-700	SELV < 60 V	ON/OFF	IP20	30.1	Fixed Current	700	24-43	I, II, III	0.95	0.89	115 x 45 x 29	50000
	LC1x35-CC	SELV < 60 V	ON/OFF	IP20	35.7	Adjustable	700-1050	20-48 (700 mA), 20-34 (1050 mA)	I, II, III	0.97	0.90	106 x 67 x 28	100000
	LC1x40-CC-1050	SELV < 60 V	ON/OFF	IP20	40	Fixed Current	1050	24-38	I, II, III	0.95	0.89	115 x 45 x 29	50000
	LC1x50-E-CC	SELV < 60 V	ON/OFF	IP20	50.4	Adjustable	1050-1400	20-48 (1050 mA), 20-36 (1400 mA)	I, II, III	0.98	0.90	125 x 81 x 30	100000
	LL1x12-E-CC-350	SELV < 60 V	ON/OFF	IP20	12	Single	350	8.4-36	I, II, III	0.50c	0.83	123 x 45 x 19	30000
	LL1x15-E-CC-500	SELV < 60 V	ON/OFF	IP20	15	Single	500	8-30	I, II, III	0.50c	0.85	123 x 45 x 19	30000
	LL1x20-E-CC-350	SELV < 60 V	ON/OFF	IP20	20	Single	350	16-57	I, II, III	0.50c	0.85	123 x 45 x 19	30000
	LL1x20-E-CC-500	SELV < 60 V	ON/OFF	IP20	20	Single	500	14-40	I, II, III	0.50c	0.88	123 x 45 x 19	30000
	LL1x20-E-CC-700	SELV < 60 V	ON/OFF	IP20	20	Single	700	8-29	I, II, III	0.50c	0.87	123 x 45 x 19	30000
	LL1x20-E-CC	SELV < 120 V	ON/OFF	IP20 *	20	Selectable	350 / 500 / 700	10-57 (350 mA), 10-40 (500 mA), 10-28 (700 mA)	I, II, III	0.90c	0.89	184 x 40 x 25.2	30000
	LC1x30-E-CC	SELV < 120 V	ON/OFF	IP20 *	30	Selectable	350 / 500 / 700	10-60 (350 mA), 10-60 (500 mA), 10-43 (700 mA)	I, II, III	0.96	0.88	106 x 67 x 28	100000
	LL1x40-E-CC	SELV < 120 V	ON/OFF	IP20	40	Adjustable	350-1050	20-80 (350 mA), 20-57 (700 mA), 20-38 (1050 mA)	I, II, III	0.95	0.90	184 x 46.5 x 28	100000
	LC1x70-E-CC	SELV < 120 V	ON/OFF	IP20	70	Adjustable	700-1400	30-100 (700 mA), 30-50 (1400 mA)	I, II, III	0.98	0.91	143.6 x 71.3 x 30	100000

*) Coated for challenging climate conditions, see more on page 38

OUTDOOR, CONSTANT VOLTAGE & ACTIVE+ DRIVERS

	Model	Output protection	Control	IP rating	Max. output power [W]	Output type	Output Current (mA)	Output Voltage [V]	Luminaire Class	Power factor at max. load	Efficiency at max load	Dimensions L x W x H [mm]	Lifetime up to (h)
OUTDOOR LED DRIVERS	OL1x50-E-CC-1050	SELV60	ON/OFF	IP67	50.4	Fixed Current	1050	20-48	I, II	0.98	0.89	300 x 40 x 23	50000
	OL1x50-E-CC-1400	SELV60	ON/OFF	IP67	50.4	Fixed Current	1400	20-36	I, II	0.98	0.88	300 x 40 x 23	50000
	OL1x60-E-CC	SELV120	ON/OFF	IP65	63	Multiple	350 / 700 / 1400	60-90 (350 mA), 35-90 (700 mA), 35-40 (1400 mA)	I, II	0.98	0.90	149 x 53 x 35	50000
	OL1x100-E-CC1	Non-isolated	ON/OFF	IP65	105	Multiple	700 / 1050	70-120 (700 mA), 70-100 (1050 mA)	I, II	0.98	0.91	234 x 53 x 35	50000
	OL1x100-E-CC2	SELV120	ON/OFF	IP65	105	Multiple	1400 / 2100	30-72 (1400 mA), 30-48 (2100 mA)	I, II	0.98	0.90	234 x 53 x 35	50000
CONSTANT VOLTAGE LED DRIVERS	LL1x30-CV12	SELV < 60 V	ON/OFF (DALI*)	IP20	30	Constant Voltage	0-2500	12	I, II, III	0.95	0.83	153 x 41 x 32	30 000
	LL1x75-CV12	SELV < 60 V	ON/OFF (DALI*)	IP20	75	Constant Voltage	0-6250	12	I, II, III	0.95	0.84	180 x 52 x 30	30000
	LL1x30-E-CV24	SELV < 60 V	ON/OFF (DALI*)	IP20	30	Constant Voltage	0-1250	24	I, II, III	0.95	0.86	131 x 34 x 42	30000
	OL1x30-E-CV24	SELV < 60 V	ON/OFF (DALI*)	IP67	30	Constant Voltage	0-1250	24	I, II, III	0.95	0.87	131 x 34 x 42	30000
	LL1x75-E-CV24	SELV < 60 V	ON/OFF (DALI*)	IP20	75	Constant Voltage	0-3125	24	I, II, III	0.95	0.88	180 x 52 x 30	30000
	OL1x75-E-CV24	SELV < 60 V	ON/OFF (DALI*)	IP67	75	Constant Voltage	0-3125	24	I, II, III	0.95	0.88	155 x 50 x 32	30000
	LL1x120-CV24	SELV < 60 V	ON/OFF (DALI*)	IP20	120	Constant Voltage	0-5000	24	I, II, III	0.95	0.88	300 x 40 x 30	30000
SMART LUMINAIRE SOLUTIONS ACTIVE+	LC1x25 Active+	SELV60	Active+	IP20	25.2	Adjustable	350-700	9-48 (350 mA), 9-36 (700 mA)	I, II, III	0.95	0.87	106 x 28 x 67	100000
	LC1x35 Active+	SELV60	Active+	IP20	35.7	Adjustable	700-1050	9-48 (700 mA), 9-34 (1050 mA)	I, II, III	0.96	0.88	106 x 28 x 67	100000
	LL1x10-42 Active+	Non-isolated	Active+	IP20	42	Adjustable	120-350	80-350 (120 mA), 50-120 (350 mA)	I, II	0.96	0.93	280 x 30 x 21	100000
	LC1x50 Active+	SELV60	Active+	IP20	50	Adjustable	1050-1400	20-48 (1050 mA), 20-36 (1400 mA)	I, II, III	0.98	0.87	125 x 81 x 30	100000
	LL1x50 Active+	SELV60	Active+	IP20	50.4	Adjustable	1050-1400	20-48 (1050 mA), 20-36 (1400 mA)	I, II, III	0.98	0.88	360 x 30 x 21	100000
	LL1x23-80 Active+	Non-isolated	Active+	IP20	80	Adjustable	150-350	150-350 (150 mA), 64-228 (350 mA)	I, II	0.98	0.94	280 x 30 x 21	100000
	LL1x80-350-700 Active+	Non-isolated	Active+	IP20	80	Adjustable	350-700	71-228 (350 mA), 35-114 (700 mA)	I, II	0.98	0.94	280 x 30 x 21	100000
	LL1x110 Active+	Non-isolated	Active+	IP20	110	Adjustable	350-700	120-314 (350 mA), 50-157 (700 mA)	I, II	0.98	0.95	280 x 30 x 21	100000

*) DALI with LL1-CV-DA DALI LED driver extension