

Compact OSRAM constant-current LED drivers, indoor

Product picture	Product family/ Isolation	Product name	GTIN (EAN)	Nominal input voltage [V]	Output power [W]	Output voltage [V]	Rated current [mA]	Power factor	Efficiency (max.) [%]	Ripple (100Hz) [%]	Dimmable	Dimensions (LxWxH) [mm]	Ambient temperature range [°C]	T _c max. [°C]	Lifetime [h]	EL Emergency Lighting ⁹⁾	Protection class	IP protection	Certificates & approvals	Cable clamp kit	Standard pack [pcs.]
	DALI – SELV	OTi DALI 15/220...240/700 LT2	40528999324879	220...240	3...18	7.5...54	150-1050	> 0.95	≥ 88	< 1	DALI**	95x53x30	-20...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, MM, EL, CCC	F-STYLE	20
		OTi DALI 25/220...240/700 LT2	4052899919457	220...240	7...27	12...54	180-700	> 0.95	≥ 86	< 2	DALI	103x67x29.5	-20...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC, EAC	B-STYLE	20
		OTi DALI 35/220...240/1A0 LT2	4052899919440	220...240	15...35	15...54	350-1050	> 0.95	≥ 87	< 2	DALI	103x67x29.5	-20...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC, EAC	B-STYLE	20
		OTi DALI 50/220...240/1A4 LT2 FAN	4052899919433	220...240	22...55	15...54	600-1400	> 0.95	≥ 92	< 2	DALI	110x75x25	-20...+50	80	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC, EAC	A-STYLE	20
	PhaseCut (PC) – SELV	Ote 10/220...240/700 PC	4052899105300	220...240	5...10	7...14	700	> 0.95	≥ 79	35	Phase cut	95x53x25	-20...+55	80	35k ¹⁾ /50k ²⁾	No	II	IP20	CE, ENEC, VDE, F, MM, CCC	E-STYLE	20
		Ote 13/220...240/350 PC	4052899105324	220...240	6.5...13.5	18...38	350	> 0.95	≥ 82	25	Phase cut	95x53x25	-20...+55	85	35k ¹⁾ /50k ²⁾	No	II	IP20	CE, ENEC, VDE, F, MM, CCC	E-STYLE	20
		Ote 18/220...240/350 PC	4052899105348	220...240	9.5...19	27...54	350	> 0.95	≥ 84	< 35	Phase cut	95x53x30	-20...+55	75	35k ¹⁾ /50k ²⁾	No	II	IP20	CE, ENEC, VDE, F, MM, CCC	E-STYLE	20
		Ote 18/220...240/500 PC	4052899105362	220...240	9...18	18...36	500	> 0.95	≥ 84	< 35	Phase cut	95x53x30	-20...+55	75	35k ¹⁾ /50k ²⁾	No	II	IP20	CE, ENEC, VDE, F, MM, CCC	E-STYLE	20
		Ote 25/220...240/700 PC	4052899105386	220...240	12.5...25	18...36	700	> 0.95	≥ 85	< 35	Phase cut	95x53x30	-20...+50	75	35k ¹⁾ /50k ²⁾	No	II	IP20	CE, ENEC, VDE, F, MM, CCC	E-STYLE	20
		Ote 35/220...240/700 PC	4008321825520	220...240	19...35	27...50	700	> 0.95	≥ 85	< 35	Phase cut	153x54x36	-20...+45	75	35k ¹⁾ /50k ²⁾	No	II***	IP20	CE, ENEC, VDE, F, MM, CCC		10
	OT FIT LT2 – SELV (Window)	OT FIT 15/220-240/500 LT2 S	4052899957060	220...240	4.5...17.5	15...50	150...500	> 0.95	≥ 84	< 1	No	97x43x29.5	-20...+50	75	50k ¹⁾ /100k ²⁾	No	II	IP20	CE, ENEC, VDE, EMC, RCM, CCC	D-STYLE	20
		OT FIT 25/220-240/700 LT2 S	4052899957077	220...240	8...26.5	15...50	300...700	> 0.95	≥ 86	< 1	No	97x43x29.5	-20...+50	75	50k ¹⁾ /100k ²⁾	No	II	IP20	CE, ENEC, VDE, EMC, RCM, CCC	D-STYLE	20
		OT FIT 40/220-240/1A0 LT2 S	4052899957084	220...240	13...40	15...50	500...1050	> 0.97	≥ 87	< 1	No	97x43x29.5	-20...+40	75	50k ¹⁾ /100k ²⁾	No	II	IP20	CE, ENEC, VDE, EMC, RCM, CCC	D-STYLE	20
	OT FIT CS G2 – SELV (DIP Switch)	OT FIT 20/220...240/500 CS G2	4052899435612	220...240	6.5...21	25...42	250/350/450/500	0.98	≥ 87	< 5	No	97x43x29.5	-20...+50	80	50k ²⁾	No	II	IP20	CE, ENEC, RCM, CCC	D-STYLE	20
		OT FIT 30/220...240/700 CS G2	4052899435636	220...240	11.5...29.4	23...42	500/600/650/700	0.98	≥ 89	< 5	No	97x43x29.5	-20...+50	80	50k ²⁾	No	II	IP20	CE, ENEC, RCM, CCC	D-STYLE	20
		OT FIT 40/220...240/1A0 CS G2	4052899435650	220...240	20...44	25...42	800/900/950/1050	0.98	≥ 90	< 5	No	97x43x29.5	-20...+50	80	50k ²⁾	No	II	IP20	CE, ENEC, RCM, CCC	D-STYLE	20
	OT FIT – SELV	OT FIT 15/220...240/350 CS	4052899919426	220...240	7...19	27...54	250/300/350	> 0.95	≥ 83	< 5	No	103x67x29.5	-25...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC	B-STYLE	20
		OT FIT 25/220...240/500 CS	4052899919419	220...240	11...27	27...54	400/450/500	> 0.95	≥ 85	< 5	No	103x67x29.5	-25...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC	B-STYLE	20
		OT FIT 35/220...240/700 CS	4052899919402	220...240	15...37.5	27...54	550/600/700	> 0.95	≥ 87	< 5	No	103x67x29.5	-25...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC	B-STYLE	20
		OT FIT 50/220...240/1A0 CS	4052899166318	220...240	27...54	27...54	800/900/1050	> 0.95	≥ 89	6	No	103x67x29.5	-25...+50	75	50k ¹⁾ /100k ²⁾	Yes	II	IP20	CE, ENEC, VDE, EMC, F, MM, EL, CCC	B-STYLE	20
	OT ECO – SELV	Ote 25/220...240/420 CS	4052899917538	220...240	8...23	27...54	290/350/420	> 0.95	≥ 85	20 ³⁾	No	97x43x29.5	-20...+50	75	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC, EAC	D-STYLE	20
		Ote 25/220...240/700 CS	4052899917545	220...240	9...25	18...36	500/600/700	> 0.95	≥ 85	25 ³⁾	No	97x43x29.5	-20...+50	80	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC, EAC	D-STYLE	20
		Ote 35/220...240/700 CS	4052899917569	220...240	13...37	27...54	500/600/700	> 0.95	≥ 87	25 ³⁾	No	103x67x29.5	-20...+50	75	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC, EAC	B-STYLE	20
		Ote 35/220...240/700 CS S	4052899917552	220...240	13...37	27...54	500/600/700	> 0.95	≥ 87	25 ³⁾	No	110x43x29.5	-20...+50	80	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC		20
		Ote 35/220...240/1A0 CS	4052899917668	220...240	14...36	17...34	800/925/1050	> 0.95	≥ 87	30 ³⁾	No	103x67x29.5	-20...+50	80	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC	B-STYLE	20
		Ote 35/220...240/1A0 CS S	4052899917651	220...240	14...36	17...34	800/925/1050	> 0.95	≥ 87	25 ³⁾	No	110x43x29.5	-20...+50	80	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC		20
		Ote 50/220...240/1A0 CS	4052899917576	220...240	22...56	27...54	800/925/1050	> 0.95	≥ 87	20 ³⁾	No	103x67x29.5	-20...+50	85	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC, EAC	B-STYLE	20
		Ote 50/220...240/1A4 CS	4052899917583	220...240	21...50	18...36	1150/1250/1400	> 0.95	≥ 87	25 ³⁾	No	103x67x29.5	-20...+50	80	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC	B-STYLE	20
		Ote 50/220...240/1A0 CS FAN	4052899919396	220...240	22...56	27...54	700/900/1050	> 0.95	≥ 88	30 ³⁾	No	103x67x29.5	-20...+50	85	35k ¹⁾ /50k ⁴⁾	No	II	IP20	CE, ENEC, VDE, EMC, F, MM, CCC	B-STYLE	20
	ELEMENT – SELV	Element LD 8/220...240/180	4052899947078	220...240	4...8	21...42	180	0.85	≥ 88	< 40	No	115x45x25	-10...+50	70	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20
		Element LD 15/220...240/350	4052899947085	220...240	7.4...14.7	21...42	350	0.95	> 87	< 40	No	115x45x25	-10...+50	75	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20
		Element LD 20/220...240/500	4052899947092	220...240	11...21	21...42	500	0.98	> 87	< 40	No	115x45x25	-10...+45	85	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20
		Element LD 30/220...240/700	4052899947108	220...240	15...30	21...42	700	0.98	> 90	< 40	No	103x67x29.5	-10...+50	75	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20
		Element LD 38/220...240/900	4052899947115	220...240	19...38	21...42	900	0.98	> 90	< 40	No	103x67x29.5	-10...+50	80	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20
		Element LD 45/220...240/1A0	4052899947122	220...240	22...45	21...42	1050	0.98	> 90	< 40	No	103x67x29.5	-10...+50	80	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20
		Element LD 60/220...240/1A4	4052899947139	220...240	29...59	21...42	1400	0.98	≥ 90	< 40	No	110x75x29.5	-10...+50	85	30k ¹⁾	No	II	IP20	CE, ENEC, RCM, CCC	integrated	20



Product name OT cable clamp A-STYLE
Product number 4052899089570
Dimensions (LxWxH) [mm] 35x65x25
Standard pack [pcs.] 20

Product name OT cable clamp A-STYLE TL
Product number 4052899325982
Dimensions (LxWxH) [mm] 90x92x25
Standard pack [pcs.] 20

Product name OT cable clamp B-STYLE
Product number 4052899077881
Dimensions (LxWxH) [mm] 35x58x29.5
Standard pack [pcs.] 10

Product name OT cable clamp B-STYLE TL
Product number 4052899948051
Dimensions (LxWxH) [mm] 75x92x29.5
Standard pack [pcs.] 20

Product name OT cable clamp D-STYLE
Product number 4052899077904
Dimensions (LxWxH) [mm] 38.5x33x29.5
Standard pack [pcs.] 10

Product name OT cable clamp E-STYLE
Product number 4052899167896
Dimensions (LxWxH) [mm] 38x53x25
Standard pack [pcs.] 20

Product name OT cable clamp F-STYLE
Product number 4052899325555
Dimensions (LxWxH) [mm] 39.2x53x30
Standard pack [pcs.] 20

1) At max. T_c temperature, max. failure rate of 10%
 2) Operating at 10°C lower than max. T_c, max. failure rate of 10%
 3) Typical
 4) Operating at 5°C lower than max. T_c, max. failure rate of 10%
 5) DC-Voltage range 176 V...276 V

* 1. If the LED driver complies with protection class I, it is suitable for protection class I luminaires.
 2. If the LED driver complies with protection class II, it is suitable for protection class I and class II luminaires.

** DALI Edition 2 version
 *** Ote 35/220...240/700 PC is only suitable for protection class II luminaires.



All details on relevant guarantees (3 or 5 years) and the general requirements can be found at: www.osram.com/guarantee



All OPTOTRONIC® OTi DALI, OTi and OT FIT constant-current LED drivers stand for a high quality of light thanks to a low ripple @ 100Hz (< 10%)



More information on the Tuner4TRONIC® software can be found on the back and at: www.osram.com/t4t



Linear OSRAM OPTOTRONIC® constant-current LED drivers, indoor

Product family/ Isolation	Product name	GTIN (EAN)	Nominal input voltage [V]	Output power [W]	Output voltage [V]	Rated current [mA] ± 5%	Power factor	Efficiency (max.) [%]	Ripple (100Hz) [%]	Dimmable	Dimensions (L x W x H) [mm]	Ambient temperature range [°C]	T _c max. [°C]	Lifetime [h]	EL Emergency Lighting ³⁾	Protection class*	IP protection	Certificates & approvals	Standard pack [pcs.]
DALI – SELV	OTi DALI 35/220...240/700 LT2 L	4052899 245389	220...240	4...37	20...54	200...700	> 0.95	≥ 89	< 10	DALI	360x30x21	-25...+60	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	¹⁾ OTi DALI 50/220...240/1A4 LT2 L	4052899 028098	220...240	12...54	20...54	600...1400	> 0.95	≥ 88	< 10	DALI	360x30x21	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	OTi DALI 80/220...240/1A6 LT2 L	4052899 028074	220...240	12...80	20...54	600...1550	> 0.95	≥ 90	< 10	DALI	360x30x21	-25...+50	80	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	OTi DALI 80/220...240/2A1 LT2 L	4052899 028050	220...240	32...80	20...54	1000...2100	> 0.95	≥ 90	< 10	DALI	360x30x21	-25...+50	80	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
DALI – „non-isolated“	²⁾ OTi DALI 35/220...240/400 D LT2 UF L	4052899 957022	220...240	4...38	54...240	75...400	> 0.98	≥ 92	≤ 4	DALI**	360x30x11	-25...+60	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, RCM, CCC	20
	²⁾ OTi DALI 75/220...240/700 D LT2 UF L	4052899 957046	220...240	9.7...75	54...240	250...700	> 0.98	≥ 92	≤ 4	DALI**	360x30x11	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, RCM, CCC	20
	OTi DALI 35/220...240/400 D LT2 L	4052899 957053	220...240	4...38	54...240	75...400	> 0.95	≥ 92	≤ 4	DALI**	280x30x21	-25...+60	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, RCM, EL, CCC, EAC	20
	OTi DALI 60/220...240/550 D LT2 L	4052899 188662	220...240	6.4...60	54...240	120...550	> 0.95	≥ 93	≤ 4	DALI**	280x30x21	-25...+60	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, RCM, EL, CCC, EAC	20
	³⁾ OTi DALI 90/220...240 /1A0 LT2 L	400832 1867568	220...240	13.5...90	54...240	250...1000	> 0.95	≥ 94	≤ 4	DALI**	280x30x21	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, RCM, EL, CCC, EAC	20
OT FIT – SELV	OT FIT 35/220...240/700 CS L	4052899 032828	220...240	13.5...35	27...54	500/600/700	> 0.95	≥ 86	< 10	No	280x30x21	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	OT FIT 50/220...240/1A0 CS L	4052899 032804	220...240	23...55	27...54	800/925/1050	> 0.95	≥ 86	< 10	No	280x30x21	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	⁴⁾ OT FIT 80/220...240/1A6 CS L	4052899 032781	220...240	32...83	27...54	1200/1400/1550	> 0.95	≥ 87	< 10	No	360x30x21	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
OTi – „non-isolated“	OTi 60/220...240/550 D LT2 L	4052899 188419	220...240	6.4...60	54...240	125...550	> 0.95	≥ 87	< 10	No	280x30x21	-25...+60	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC, EAC	20
	⁵⁾ OTi 90/220...240/1A0 D LT2 L	4052899 188556	220...240	13.5...90	54...240	250...1000	> 0.95	≥ 87	< 10	No	280x30x21	-25...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC, EAC	20
OT FIT – „non-isolated“	OT FIT 30/220...240/125 D L	4052899 222557	220...240	7...27	54...216	125	> 0.95	≥ 90	< 10	No	210x30x21	-15...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	OT FIT 50/220...240/250 D L	4052899 222571	220...240	14...54	54...216	250	> 0.97	≥ 90	< 10	No	210x30x21	-15...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	⁶⁾ OT FIT 50/220...240/300 D L	4052899 462694	220...240	16...53	54...175	300	> 0.97	≥ 90	< 10	No	210x30x21	-15...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20
	OT FIT 50/220...240/350 D L	4052899 222595	220...240	19...53	54...150	350	> 0.97	≥ 90	< 10	No	210x30x21	-15...+50	75	50 k ^{1)/100 k²⁾}	Yes	I	IP20	CE, ENEC, VDE, EMC, EL, CCC	20

360 mm x 30 mm x 21 mm



OTi DALI 50/220...240/1A4 LT2 L

360 mm x 30 mm x 21 mm



OT FIT 80/220...240/1A6 CS L

360 mm x 30 mm x 11 mm



OTi DALI 75/220...240/700 D LT2 UF L



Ultraflat – 11 mm

280 mm x 30 mm x 21 mm



OTi 90/220...240/1A0 D LT2 L

280 mm x 30 mm x 21 mm



OTi DALI 90/220...240V/1A0 LT2 L

210 mm x 30 mm x 21 mm



OT FIT 50/220...240 D L



Tuner4TRONIC®

Software suite for OEM use to configure all programmable OPTOTRONIC®, QUICKTRONIC® and POWERTRONIC® drivers in the luminaire manufacturing process.

- Best suited for programming in luminaire manufacturing
- For quick manual as well as automatic programming
- Works with DALI magic and OT Programmer hardware
- Easily enables pre-parameterization, also when using the pre-parameterization service from OSRAM

1) At max. T_c temperature, max. failure rate of 10 %

2) Operating at 10°C lower than max. T_c, max. failure rate of 10 %

* 1. If the LED driver complies with protection class I, it is suitable for protection class I luminaires.

2. If the LED driver complies with protection class II, it is suitable for protection class I and class II luminaires.

** DALI Edition 2 version

3) DC-Voltage range 176 V...276 V

DALI OSRAM DALI ECGs and DALI LED drivers strictly adhere to the DALI standard. They are compatible with control gears and BUS systems from established providers.

TOUCH DIM SENSOR Touch DIM® LS/PD LI sensors implement presence- and daylight-dependent lighting control without an additional control unit.

SMART GRID OSRAM DALI control gears ensure optimum operation by monitoring energy consumption, lamp/module burn time, overvoltage and ECG operating temperature.

CORRIDOR FUNCTION In all OSRAM DALI ECGs a directly adjustable lighting profile defines the extent to which brightness values are retained when a person leaves the room.

EL Due to this function, OSRAM DALI control gears automatically detect DC voltage. When DC voltage is detected, a certain luminous flux is implemented (emergency light).

OSRAM Guarantee All details on relevant guarantees (3 or 5 years) and the general requirements can be found at: www.osram.com/guarantee

TOUCH DIM With this function, up to 20 DALI ECGs can easily be switched and dimmed by standard push-buttons.

CLO The activated CLO function enables constant luminous flux over the complete LED lifetime. This also saves power and protects the LED modules.

low ripple All OPTOTRONIC® OTi DALI, OTi and OT FIT constant-current LED drivers stand for a high quality of light thanks to a low ripple @ 100Hz (< 10 %).



OPTOTRONIC® constant-current LED drivers, outdoor

Product family	Product name	GTIN (EAN)	Nominal input voltage [W]	Output power [W]	Output voltage [V]	Type of isolation	Rated current [mA] ± 5 %	Power factor	Efficiency (max.) [%]	Ripple (100Hz) [%]	Dimmable	Dimensions (L x W x H) [mm]	Ambient temperature range [°C]	T _c max. [°C]	Lifetime [h]	DC-compatible	Protection class*	IP protection	Certificates & approbations	Standard pack [pcs.]
OT 4DIMLT2 E	OT 40/120...277/1A0 4DIMLT2 E	4052899925182	120...277	7...40	18...56	SELV	350...1050	> 0.95	88.5	< 15	4DIM DALI/StepDIM/AstroDIM/MainsDIM	123x79x33	-40...+60	80	50k ^{1)/100k²⁾}	Yes	I/II	IP20	CE/ENEC 10/UR/VDE/VDE-EMC/CCC	20
	OT 60/170...240/1A0 4DIMLT2 E	4052899925199	220...240	11...60	30...115	SELV	350...1050	> 0.95	90.5	< 15	4DIM DALI/StepDIM/AstroDIM/MainsDIM	133x77x40	-40...+60	85	50k ^{1)/100k²⁾}	Yes	I/II	IP20	CE/ENEC 11/UR/VDE/VDE-EMC/CCC	20
	OT 90/170...240/1A0 4DIMLT2 E	4052899925205	220...240	20...90	57...186	Double	350...1050	> 0.95	91.5	< 15	4DIM DALI/StepDIM/AstroDIM/MainsDIM	133x77x40	-40...+55	90	50k ^{1)/100k²⁾}	Yes	I/II	IP20	CE/ENEC 12/UR/VDE/VDE-EMC/CCC	20
	OT 165/170...240/1A0 4DIMLT2 E	4052899925212	220...240	32...165	90...285	Double	350...1050	> 0.95	92.0	< 15	4DIM DALI/StepDIM/AstroDIM/MainsDIM	170x100x40	-40...+55	85	50k ^{1)/100k²⁾}	Yes	I/II	IP20	CE/ENEC 13/UR/VDE/VDE-EMC/CCC	20
OT 2DIMLT2	OT 50/120...277/800 2DIMLT2 P	4052899173781	120...277	11...50	30...115	SELV	350...800	> 0.95	86.0	< 30	2DIM 1-10V/AstroDIM	168x50x30	-40...+55	85	50k ^{1)/100k³⁾}	-	I/II	IP64	CE/ENEC 15/UR/CCC	20
	OT 50/120...277/1A2 2DIMLT2 P	4052899173804	120...277	12...50	20...55	SELV	600...1250	> 0.95	86.0	< 30	2DIM 1-10V/AstroDIM	168x50x30	-40...+55	80	50k ^{1)/100k³⁾}	-	I/II	IP64	CE/ENEC 15/UR/CCC	20
	OT 100/120...277/800 2DIMLT2 P	4052899253414	120...277	45...100	50...186	Double	350...800	> 0.95	90.0	< 25	2DIM 1-10V/AstroDIM	168x68x38	-40...+55	85	50k ^{1)/100k³⁾}	-	I/II	IP64	CE/ENEC 15/UR/CCC	20
	OT 110/120...277/1A4 2DIMLT2 P	4052899253438	120...277	45...110	35...85	SELV	600...1400	> 0.95	90.0	< 25	2DIM 1-10V/AstroDIM	168x68x38	-40...+55	85	50k ^{1)/100k³⁾}	-	I/II	IP64	CE/ENEC 15/UR/CCC	20
OT	OT 50/120...277/700 P5	4052899259003	120...277	17...50	24...74	SELV	700	> 0.95	≥ 87.0	< 30	No	168x50x30	-40...+55	80	50k ^{1)/80k⁴⁾}	-	I	IP65	CE, CCC	20
	OT 100/120...277/700 P5	4052899259065	120...277	50...100	55...152	Double	700	> 0.95	90.0	< 30	No	168x60x39	-40...+55	85	50k ^{1)/80k⁴⁾}	-	I	IP65	CE, CCC	20
	OT 180/120...277/700 P5	4052899259027	120...277	80...180	115...257	Basic	700	> 0.95	90.0	< 30	No	251x60x38	-40...+55	90	50k ^{1)/80k⁴⁾}	-	I	IP65	CE, CCC	20
	OT 250/120...277/700 P5	4052899259041	120...277	125...250	180...357	Basic	700	> 0.95	92.0	< 30	No	267x89x55	-40...+50	75	50k ^{1)/80k⁴⁾}	-	I	IP65	CE, CCC	20



OPTOTRONIC® 4DIM/DALI Constant current, programmable

- 4DIM functionality in one device (StepDIM, AstroDIM, MainsDIM, DALI)
- Very high efficiency and reliability
- High surge protection: up to 8kV (protection class I or II)
- Great flexibility due to wide operating temperature range of -40...+55 or 60°C
- Vibration- and humidity-protected (varnished, IP20)
- Output current range: up to 1,050mA
- Flexible current setting with multivendor LEDset2 interface (plug & play)
- Isolated DALI interface for bidirectional telemanagement systems
- Constant lumen function
- Overtemperature protection via external NTC and LEDset2 interface
- Suitable for protection class I and II luminaires



OPTOTRONIC® 2DIM/0-10 V LED (IP64) Constant current, programmable

- 2DIM functionality in one device (AstroDIM, 0-10V)
- High efficiency and reliability
- High surge protection: up to 6kV (protection class I or II)
- Great flexibility due to wide operating temperature range of -40...+55°C
- High ingress protection (IP64)
- Output current range: up to 1,400mA
- Fast programming without mains voltage
- Flexible current setting with multivendor LEDset2 interface (plug & play)
- Isolated 0-10V interface for unidirectional telemanagement systems
- Constant lumen function
- Overtemperature protection with external NTC or LEDset2 interface
- Suitable for luminaires of protection classes I and II



OPTOTRONIC® ON/OFF (IP65) Constant current

- High efficiency and reliability
- High surge protection: up to 6kV (protection class I)
- Great flexibility due to wide operating temperature range of -40...+55°C
- High ingress protection (IP65)
- Fixed output current: 700mA
- Integrated overtemperature protection

1) At max. T_c temperature, max. failure rate of 10 %
2) Operating at 13°C lower than max. T_c, max. failure rate of 10 %
3) Operating at 15°C lower than max. T_c, max. failure rate of 10 %
4) Operating at 10°C lower than max. T_c, max. failure rate of 10 %

* 1. If the LED driver complies with protection class I, it is suitable for protection class I luminaires.
2. If the LED driver complies with protection class II, it is suitable for protection class I and class II luminaires.

Disclaimer:
For complete electrical information, please refer to the individual data sheet.



More information on the Tuner4TRONIC® software can be found on the back and at:
www.osram.com/t4t

OSRAM

OSRAM constant-voltage LED drivers (24V/12V)

Application area	Product name	GTIN (EAN)	Nominal input voltage [V]	Max. out-put power [W]	Output voltage [V]	Rated current [mA] ± 5%	Power factor	Efficiency (max.) [%]	Dimmable	Dimensions (L x W x H) [mm]	Ambient temperature range [°C]	T _c max. [°C]	Lifetime [h]	Protection class*	IP protection	Certificates & approvals	Standard pack [pcs.]
Indoor	OT 8/200...240/24	4008321040169	200...240	8	24	0.33	0.5	75	No	80x40x22	-20...+50	80	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, ENEC, VDE, EMC	50
	OT 20/220...240/24	4050300618111	220...240	20	24	0.83	0.8	83	No	109x50x35	-20...+45	70	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, ENEC, VDE, VDE, EMC, RCM	20
	1 OT 50/220...240/24	4052899905566	220...240	50	24	2.08	0.95	85	No	242x40x16	-20...+45	95	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, ENEC, CB, RCM, MM	20
	OT 75/220...240/24	4050300817477	220...240	75	24	3.13	0.97	90	No	220x46.2x43.6	-20...+50	80	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, ENEC, VDE, VDE, EMC, RCM, EAC	10
	2 OTI DALI 50/220...240/24 1...4 CH	4052899452923	220...240	50	24	2.08	0.95	90	DALI	235x32x22	-20...+45	70	30 k ¹⁾ /50 k ²⁾	I/II	IP20	CE, ENEC, VDE, VDE, EMC, MM, RCM, BIS, EAC, CCC	20
	OTI DALI 80/220...240/24 1...4 CH	4052899452909	220...240	80	24	3.33	0.95	92	DALI	235x32x22	-20...+45	75	30 k ¹⁾ /50 k ²⁾	I/II	IP20	CE, ENEC, VDE, VDE, EMC, MM, RCM, BIS, EAC, CCC	20
	3 OTI DALI DIM	4008321061195	10...24	120	10...24	5...10	-	97	DALI	172x42x20	-20...+50	60	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, RCM, EAC, UR	20
	OT DMX RGB DIM	4008321160829	10...24	144	10...24	6...12	-	97	DMX	172x42x20	-20...+50	80	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, RCM, UR	20
	OT DIM	4050300943459	10...24	120	10...24	5...10	-	96	1...10V	172x42x20	-20...+50	80	30 k ¹⁾ /50 k ²⁾	II	IP20	CE/UR/VDE/VDE-EMC	20
	4 ELEMENT 30/220...240/24	4052899463776	220...240	30	24	1.25	> 0.9	86	No	140x45x28	-20...+45	85	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, CB	20
	ELEMENT 60/220...240/24	4052899463790	220...240	60	24	2.50	> 0.9	86	No	239x46x30	-20...+50	85	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, CB	20
	ELEMENT 90/220...240/24	4052899463813	220...240	90	24	3.75	> 0.9	87	No	230x60x35	-20...+50	85	30 k ¹⁾ /50 k ²⁾	II	IP20	CE, CB	20
Outdoor	5 OT 6/200...240/24 CE	4008321113269	200...240	6	24	0.25	0.98	80	No	51x50x22	-20...+50	70	30 k ¹⁾ /50 k ²⁾	II	IP65	CE, ENEC, VDE, CB	50
	OT 30/220...240/24 P	4052899043497	220...240	30	24	1.25	0.98	85	No	220x40x22	-25...+55	80	30 k ¹⁾ /50 k ²⁾	II	IP66	CE, ENEC, CB, RCM, BIS	30
	OT 50/220...240/24 P	4052899043510	220...240	50	24	2.08	0.98	86	No	220x40x22	-25...+55	90	30 k ¹⁾ /50 k ²⁾	II	IP66	CE, ENEC, CB, RCM	30
	OT 75/220...240V/24 E	4008321362476	220...240	75	24	3.13	0.95	89	No	241x43x30	-20...+60	85	30 k ¹⁾ /50 k ²⁾	I	IP64	CE, ENEC, VDE, VDE, EMC, CB, RCM	10
	OT 80/220...240/24 P	4008321981684	220...240	80	24	3.33	0.95	87	No	250x50x34	-25...+55	80	30 k ¹⁾ /50 k ²⁾	II	IP67	CE, ENEC, CB, MM, RCM, EAC, BIS	10
	OT 120/220...240/24 P	4008321981707	220...240	120	24	5.00	0.95	90	No	250x60x39	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP67	CE, ENEC, CB, MM, RCM, EAC, BIS	10
	OTe 120/220...240/24 E	4008321645715	220...240	120	24	5.00	0.95	90	No	258x51x45	-10...+50	70	30 k ¹⁾ /50 k ²⁾	I	IP64	CE, CB, CCC, BIS	10
	6 OT 240/220...240/24 P	4008321981721	220...240	240	24	10.00	0.95	93	No	250x80x39	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP67	CE, ENEC, CB, MM, RCM, EAC, BIS	8
	OT 80/220...240/24 DIM P	4008321981677	220...240	80	24	3.33	0.95	87	1...10V	250x50x34	-25...+55	80	30 k ¹⁾ /50 k ²⁾	II	IP67	CE, ENEC, CB, MM, RCM, EAC, BIS	10
	OT 120/220...240/24 DIM P	4008321981691	220...240	120	24	5.00	0.95	89	1...10V	250x60x39	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP67	CE, ENEC, CB, MM, RCM, EAC, BIS	10
	OT 240/220...240/24 DIM P	4008321981714	220...240	240	24	10.00	0.95	92	1...10V	250x80x39	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP67	CE, ENEC, CB, MM, RCM, EAC, BIS	8
	7 OT 15/220...240/12 P	4052899905559	220...240	15	12	1.25	> 0.5	80	No	237x20x22	-25...+55	80	30 k ¹⁾ /50 k ²⁾	II	IP66	CE, ENEC, CB, CCC, EAC	50
	OT 30/220...240/12 P	4052899905542	220...240	30	12	2.50	> 0.95	85	No	220x40x22	-25...+55	80	30 k ¹⁾ /50 k ²⁾	II	IP66	CE, ENEC, CB, CCC, RCM, EAC, BIS	30
	OT 60/220...240/12 P	4008321790811	220...240	60	12	5.00	> 0.98	86	No	180x50x34	-25...+55	80	30 k ¹⁾ /50 k ²⁾	II	IP67	CE, ENEC, CB, CCC, RCM, EAC, BIS	10
	OT 60/220...240/12 DIM P	4052899947054	220...240	60	12	5.00	> 0.98	86	1...10V	211x50x34	-30...+50	75	30 k ¹⁾ /50 k ²⁾	II	IP67	CE, ENEC, CB, EAC	10
	OT 120/220...240/12 P	4008321790835	220...240	120	12	10.00	0.98	88	No	241x60x39	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP67	CE, ENEC, CB, CCC, RCM, EAC, BIS	10
	OTe 60/110...277/12 E	4008321794338	110...277	60	12	5.00	> 0.95	≥ 85	No	241x43x30	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP64	CE, CB, CCC, MM, BIS	10
	8 OTe 120/110...277/12 E	4008321821263	110...277	120	12	10.00	> 0.95	≥ 85	No	258x51.2x44.5	-25...+55	80	30 k ¹⁾ /50 k ²⁾	I	IP64	CE, CB, CCC, MM, BIS	10



1 OT 50/220...240/24 2 OTI DALI 50/220...240/24 1...4 CH 3 OTI DALI DIM 4 ELEMENT 30/220...240/24 5 OT 6/200...240/24 CE 6 OT 240/220...240/24 P 7 OT 15/220...240/12 P 8 OTe 120/110-277/12 E

Tuner4TRONIC®
 Software suite for OEM use to configure all programmable OPTOTRONIC®, QUICKTRONIC® and POWERTRONIC® drivers in the luminaire manufacturing process.
 - Best suited for programming in luminaire manufacturing
 - For quick manual as well as automatic programming
 - Works with DALI magic and OT Programmer hardware
 - Easily enables pre-parameterization, also when using the pre-parameterization service from OSRAM

Find more product-specific information at:
 - OPTOTRONIC®: www.osram.com/optotronic
 - LEDset: www.osram.com/ledset
 - DALI: www.osram.com/dali
 - Tuner4TRONIC®: www.osram.com/t4t

OSRAM Guarantee
 All details on relevant guarantees (3 or 5 years) and the general requirements can be found at: www.osram.com/guarantee

1) At max. T_c temperature, max. failure rate of 10%
 2) Operating at 10°C lower than max. T_c, max. failure rate of 10%
 * 1. If the LED driver complies with protection class I, it is suitable for protection class I luminaires.
 2. If the LED driver complies with protection class II, it is suitable for protection class I and class II luminaires.