

OPTOTRONIC - 4DIM NFC IP20

DALI-2, AstroDIM, StepDIM, MainsDIM – constant current LED drivers



Product family features

- Supply voltage: 220...240 V
- Current output range: 70...1,050 mA
- Easy and fast wireless luminaire programming via NFC
- Flexible current setting with one additional wire (LEDset2)
- AstroDIM for autonomous dimming with five independent levels (astro, time mode)
- Allows for energy saving in twilight phases
- MainsDIM function for dimming via reduction of line voltage amplitude
- Isolated DALI interface for bidirectional telemanagement systems
- Standby power consumption: < 0.35 W
- Constant Lumen Output (CLO)
- Overtemperature protection via external NTC
- Integrated customizable thermal management (Driver Guard)

Product family benefits

- 4DIM functionality in one device (StepDIM, AstroDIM, MainsDIM, DALI)
- DALI-2 certified incl. Parts 251, 252, 253
- Easy and fast wireless luminaire programming
- Very high efficiency
- Wide current output range: 200 mA...1050 mA
- High surge protection: up to 10 kV (in protection class I or II)
- Great flexibility due to wide operating temperature range of -40...55 °C or 60 °C
- Protection through double isolation between mains input and LED output

Areas of application

- Street and urban lighting
- Industry
- Suitable for outdoor applications in luminaires with IP > 54
- Suitable for use in outdoor luminaires of protection class I and II



Product family datasheet

Technical data

Product description	Electrical data					
	Nominal voltage	Input voltage AC	Input voltage DC	Nominal current	Mains frequency	Power factor λ
OT 20/170...240/1A0 4DIMLT2 G2 CE	220...240 V	170...264 V	176...276 V ¹⁾	0.12 A	0/50/60 Hz ¹⁾	0.57C...0.99 ²⁾
OT 40/170...240/1A0 4DIMLT2 G2 CE	220...240 V	170...264 V	176...276 V ¹⁾	0.20 A	0/50/60 Hz ¹⁾	0.52C...0.99 ²⁾
OT 75/170...240/1A0 4DIMLT2 G2 CE	220...240 V	170...264 V	176...276 V ¹⁾	0.37 A	0/50/60 Hz ¹⁾	0.58C...0.99 ²⁾
OT 110/170...240/1A0 4DIMLT2 G2 CE	220...240 V	170...264 V	176...276 V ¹⁾	0.52 A	0/50/60 Hz ¹⁾	0.74C...0.99 ²⁾
OT 165/170...240/1A0 4DIMLT2 G2 CE	220...240 V	170...264 V	176...276 V ¹⁾	0.76 A	0/50/60 Hz ¹⁾	0.85C...0.99 ²⁾

Product description	Total harmonic distortion	Device power loss	Inrush current	Max. ECG no. on circuit breaker 10 A (B)	Max. ECG no. on circuit breaker 16 A (B)	Max. ECG no. on circuit breaker 25 A (B)
OT 20/170...240/1A0 4DIMLT2 G2 CE	< 10 % ³⁾	3.5 W	25 A ⁴⁾	22	35	55
OT 40/170...240/1A0 4DIMLT2 G2 CE	< 10 % ³⁾	4.5 W	26 A ¹⁴⁾	17	28	44
OT 75/170...240/1A0 4DIMLT2 G2 CE	< 5 % ³⁾	5.3 W	54 A ¹⁶⁾	8	12	20
OT 110/170...240/1A0 4DIMLT2 G2 CE	< 5 % ³⁾	8.0 W	65 A ¹⁸⁾	7	12	19
OT 165/170...240/1A0 4DIMLT2 G2 CE	< 5 % ³⁾	11.5 W	77 A ¹⁴⁾	5	9	14

Product description	Surge capability (L/N-Ground)	Surge capability (L-N)	Nominal output power	Maximum output power	Efficiency in full-load
OT 20/170...240/1A0 4DIMLT2 G2 CE	10 kV	6 kV	22 W ⁵⁾	22 W	87 % ⁶⁾
OT 40/170...240/1A0 4DIMLT2 G2 CE	10 kV	6 kV	40 W ⁵⁾	40 W	90 % ⁶⁾
OT 75/170...240/1A0 4DIMLT2 G2 CE	10 kV	6 kV	75 W ⁵⁾	75 W	93 % ⁶⁾
OT 110/170...240/1A0 4DIMLT2 G2 CE	10 kV	6 kV	110 W ⁵⁾	110 W	93 % ⁶⁾
OT 165/170...240/1A0 4DIMLT2 G2 CE	10 kV	6 kV	165 W ⁵⁾	165 W	93.5 % ⁶⁾

Product description	Nominal output current	Output current LEDset open	Output current LEDset shorted	Default output current
OT 20/170...240/1A0 4DIMLT2 G2 CE	200...1050 mA	70 mA	Not allowed	700 mA
OT 40/170...240/1A0 4DIMLT2 G2 CE	200...1050 mA	70 mA	Not allowed	700 mA
OT 75/170...240/1A0 4DIMLT2 G2 CE	200...1050 mA	70 mA	Not allowed	700 mA
OT 110/170...240/1A0 4DIMLT2 G2 CE	200...1050 mA	70 mA	Not allowed	700 mA
OT 165/170...240/1A0 4DIMLT2 G2 CE	200...1050 mA	70 mA	Not allowed	700 mA

Product family datasheet

Product description	Output current tolerance	Output ripple current (100 Hz)	Output PSTLM	Output SVM	Minimum output current
OT 20/170...240/1A0 4DIMLT2 G2 CE	±3 % ⁷⁾	< 5 %	≤1	≤0.4	70 mA
OT 40/170...240/1A0 4DIMLT2 G2 CE	±3 % ⁷⁾	< 5 %	≤1	≤0.4	70 mA
OT 75/170...240/1A0 4DIMLT2 G2 CE	±3 % ⁷⁾	< 6 %	≤1	≤0.4	70 mA
OT 110/170...240/1A0 4DIMLT2 G2 CE	±3 % ⁷⁾	< 5 %	≤1	≤0.4	70 mA
OT 165/170...240/1A0 4DIMLT2 G2 CE	±3 % ⁷⁾	< 5 %			70 mA

Product description	Galvanic isolation	U-OUT (working voltage)	Max. no. of ECGs on 16A MCB with EBN-OS	Surge capability (SD – Ground)	Surge capability (L/N – SD)
OT 20/170...240/1A0 4DIMLT2 G2 CE	SELV	60 V	93	10 kV	6 kV
OT 40/170...240/1A0 4DIMLT2 G2 CE	SELV	60 V	56	10 kV	6 kV
OT 75/170...240/1A0 4DIMLT2 G2 CE	SELV	120 V	30	10 kV	6 kV
OT 110/170...240/1A0 4DIMLT2 G2 CE	Double	250 V	21	10 kV	6 kV
OT 165/170...240/1A0 4DIMLT2 G2 CE	Double	300 V	15	10 kV	6 kV

			Dimensions & weight		
Product description	Nominal output voltage	Nominal input voltage (SD port)	Length	Width	Height
OT 20/170...240/1A0 4DIMLT2 G2 CE	10...38 V	220...277 V	123.0 mm	79.0 mm	33.0 mm
OT 40/170...240/1A0 4DIMLT2 G2 CE	15...56 V	220...277 V	123.0 mm	79.0 mm	33.0 mm
OT 75/170...240/1A0 4DIMLT2 G2 CE	35...115 V	220...277 V	133.0 mm	77.0 mm	40.0 mm
OT 110/170...240/1A0 4DIMLT2 G2 CE	80...220 V	220...277 V	150.0 mm	90.0 mm	40.0 mm
OT 165/170...240/1A0 4DIMLT2 G2 CE	130...260 V	220...277 V	170.0 mm	100.0 mm	40.0 mm

Product description	Mounting hole spacing, length	Mounting hole spacing, width	Product weight	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side
OT 20/170...240/1A0 4DIMLT2 G2 CE	111.0 mm	67.0 mm	210.00 g	0.2...1.5 mm ²	0.2...1.5 mm ²	8.5...9.5 mm
OT 40/170...240/1A0 4DIMLT2 G2 CE	111.0 mm	67.0 mm	210.00 g	0.2...1.5 mm ²	0.2...1.5 mm ²	8.5...9.5 mm
OT 75/170...240/1A0 4DIMLT2 G2 CE	122.5 mm		300.00 g	0.2...1.5 mm ²	0.2...1.5 mm ²	8.5...9.5 mm
OT 110/170...240/1A0 4DIMLT2 G2 CE	134.0 mm		780.00 g	0.2...1.5 mm ²	0.2...1.5 mm ²	8.5...9.5 mm

Product family datasheet

Product description	Mounting hole spacing, length	Mounting hole spacing, width	Product weight	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side
OT 165/170...240/1A0 4DIMLT2 G2 CE	160.0 mm	90.0 mm	980.00 g	0.2...1.5 mm ²	0.2...1.5 mm ²	8.5...9.5 mm

Product description	Temperatures & operating conditions				
	Ambient temperature range	Temperature range at storage	Maximum temperature at tc test point	Max.housing temperature in case of fault	Permitted rel. humidity during operation
OT 20/170...240/1A0 4DIMLT2 G2 CE	-40...+60 °C	-25...85 °C	75 °C	120 °C	5...95 % ⁸⁾
OT 40/170...240/1A0 4DIMLT2 G2 CE	-40...+60 °C	-25...85 °C	80 °C	120 °C	5...95 % ⁸⁾
OT 75/170...240/1A0 4DIMLT2 G2 CE	-40...+55 °C	-25...85 °C	85 °C	120 °C	5...95 % ⁸⁾
OT 110/170...240/1A0 4DIMLT2 G2 CE	-40...+55 °C	-25...85 °C	85 °C	120 °C	5...95 % ⁸⁾
OT 165/170...240/1A0 4DIMLT2 G2 CE	-40...+55 °C	-40...+85 °C	90 °C	110 °C	5...95 % ⁸⁾

Product description	Lifespan	Capabilities			
	ECG lifetime	Dimmable	Dimming interface	Dimming range	Suitable for fixtures with prot. class
OT 20/170...240/1A0 4DIMLT2 G2 CE	50000 / 100000 h ⁹⁾	Yes	4DIM / AstroDIM / DALI / MainsDIM / StepDIM	10...100 %	I / II
OT 40/170...240/1A0 4DIMLT2 G2 CE	50000 / 100000 h ¹⁵⁾	Yes	4DIM / AstroDIM / DALI / MainsDIM / StepDIM	10...100 %	I / II
OT 75/170...240/1A0 4DIMLT2 G2 CE	50000 / 100000 h ¹⁷⁾	Yes	4DIM / AstroDIM / DALI / MainsDIM / StepDIM	10...100 %	I / II
OT 110/170...240/1A0 4DIMLT2 G2 CE	50000 / 100000 h ¹⁷⁾	Yes	4DIM / AstroDIM / DALI / MainsDIM / StepDIM	10...100 %	I / II
OT 165/170...240/1A0 4DIMLT2 G2 CE	50000 / 100000 h ¹⁹⁾	Yes	4DIM / AstroDIM / DALI / MainsDIM / StepDIM	10...100 %	I / II

Product description	Constant lumen function	NTC input	Short-circuit protection	No-load proof
OT 20/170...240/1A0 4DIMLT2 G2 CE	Programmable	Yes	Automatic reversible	Yes
OT 40/170...240/1A0 4DIMLT2 G2 CE	Programmable	Yes	Automatic reversible	Yes
OT 75/170...240/1A0 4DIMLT2 G2 CE	Programmable	Yes	Automatic reversible	Yes

Product family datasheet

Product description	Constant lumen function	NTC input	Short-circuit protection	No-load proof
OT 110/170...240/1A0 4DIMLT2 G2 CE	Programmable	Yes	Automatic reversible	Yes
OT 165/170...240/1A0 4DIMLT2 G2 CE	Programmable	Yes	Automatic reversible	Yes

Product description	Intended for no-load operation	Max. cable length to lamp/LED module	DALI-2 Energy Data	DALI-2 Diagnostic Data
OT 20/170...240/1A0 4DIMLT2 G2 CE	No	2.0 m ¹⁰⁾	Yes ¹¹⁾	Yes ¹²⁾
OT 40/170...240/1A0 4DIMLT2 G2 CE	No	2.0 m ¹⁰⁾	Yes ¹¹⁾	Yes ¹²⁾
OT 75/170...240/1A0 4DIMLT2 G2 CE	No	2.0 m ¹⁰⁾	Yes ¹¹⁾	Yes ¹²⁾
OT 110/170...240/1A0 4DIMLT2 G2 CE	No	2.0 m ¹⁰⁾	Yes ¹¹⁾	Yes ¹²⁾
OT 165/170...240/1A0 4DIMLT2 G2 CE	No	2.0 m ¹⁰⁾	Yes ¹¹⁾	Yes ¹²⁾

				Programming
Product description	LEDset	Number of channels	Overload protection	Box programming
OT 20/170...240/1A0 4DIMLT2 G2 CE	Yes	1	Automatic reversible	Yes
OT 40/170...240/1A0 4DIMLT2 G2 CE	Yes	1	Automatic reversible	Yes
OT 75/170...240/1A0 4DIMLT2 G2 CE	Yes	1	Automatic reversible	
OT 110/170...240/1A0 4DIMLT2 G2 CE	Yes	1	Automatic reversible	Yes
OT 165/170...240/1A0 4DIMLT2 G2 CE	Yes	1	Automatic reversible	

				Programmable features
Product description	Tuner4TRONIC	Tuner4TRONIC Field App	Programming device	Constant Lumen
OT 20/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	DALI / NFC	Yes
OT 40/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	DALI / NFC	Yes
OT 75/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	DALI / NFC	Yes
OT 110/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	DALI / NFC	Yes
OT 165/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	DALI / NFC	Yes

Product description	Thermal Protection	Driver Guard	AstroDIM	StepDIM
OT 20/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes
OT 40/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes
OT 75/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes
OT 110/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes
OT 165/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes

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Product description	MainsDIM	Emergency Mode	Configuration Lock	DALI-2 Luminaire Data
OT 20/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes ¹³⁾
OT 40/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes ¹³⁾
OT 75/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes ¹³⁾
OT 110/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes ¹³⁾
OT 165/170...240/1A0 4DIMLT2 G2 CE	Yes	Yes	Yes	Yes ¹³⁾

Product description	Certificates & standards			Logistical data
	Type of protection	Standards	Approval marks – approval	Commodity code
OT 20/170...240/1A0 4DIMLT2 G2 CE	IP20	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61547/Acc. to FCC 47 part 15 class B/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 62386-101/Acc. to IEC 62386-102/Acc. to IEC 62386-207/UL-8750	CCC / CE / DALI-2 / EL / ENEC / RCM / VDE / VDE-EMC	85044083900
OT 40/170...240/1A0 4DIMLT2 G2 CE	IP20	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61547/Acc. to FCC 47 part 15 class B/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 62386-101/Acc. to IEC 62386-102/Acc. to IEC 62386-207/UL-8750	CCC / CE / DALI-2 / EL / ENEC / RCM / VDE / VDE-EMC	85044083900
OT 75/170...240/1A0 4DIMLT2 G2 CE	IP20	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61547/Acc. to FCC 47 part 15 class B/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 62386-101/Acc. to IEC 62386-102/Acc. to IEC 62386-207/UL-8750	CCC / CE / DALI-2 / EL / ENEC / RCM / VDE / VDE-EMC	85044083900

Product family datasheet

Product description	Certificates & standards			Logistical data
	Type of protection	Standards	Approval marks – approval	Commodity code
OT 110/170...240/1A0 4DIMLT2 G2 CE	IP20	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61547/Acc. to FCC 47 part 15 class B/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 62386-101/Acc. to IEC 62386-102/Acc. to IEC 62386-207/UL-8750	CCC / CE / DALI-2 / EL / ENEC / RCM / VDE / VDE-EMC	85044083900
OT 165/170...240/1A0 4DIMLT2 G2 CE	IP20	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61547/Acc. to FCC 47 part 15 class B/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 62386-101/Acc. to IEC 62386-102/Acc. to IEC 62386-207/UL-8750	BIS / CCC / CE / DALI-2 / EL / ENEC / VDE / VDE-EMC	85044083900

Product description	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
OT 20/170...240/1A0 4DIMLT2 G2 CE	30-10-2023	4052899981928 4050732430770	Lead	7439-92-1
OT 40/170...240/1A0 4DIMLT2 G2 CE	30-10-2023	4052899981935 4050732430800	Lead	7439-92-1
OT 75/170...240/1A0 4DIMLT2 G2 CE	30-10-2023	4052899981942 4050732430817	Lead	7439-92-1
OT 110/170...240/1A0 4DIMLT2 G2 CE	30-10-2023	4052899981959 4050732430824	Lead	7439-92-1
OT 165/170...240/1A0 4DIMLT2 G2 CE	03-11-2023	4062172053952 8010703816770 4055462326874	Lead	7439-92-1

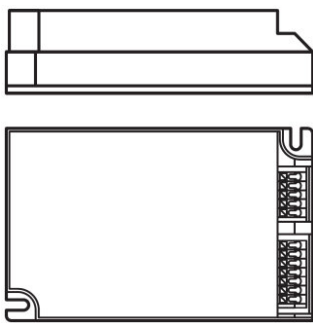
Product description	Safe Use Instruction	Declaration No. in SCIP database
OT 20/170...240/1A0 4DIMLT2 G2 CE	The identification of the Candidate List substance is sufficient to allow safe use of the article.	e194334f-d00d-4b07-af4a-186bf7e8f154 f078148f-0558-426b-a82f-b99e83ab5dd3

Product family datasheet

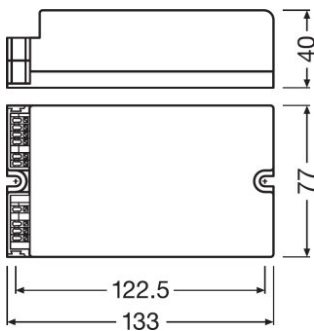
Product description	Safe Use Instruction	Declaration No. in SCIP database
OT 40/170...240/1A0 4DIMLT2 G2 CE	The identification of the Candidate List substance is sufficient to allow safe use of the article.	16e72155-53df-4f2a-b626-fd331e915998 3994c468-6cfc-424b-bdea-75401fbfdcd1
OT 75/170...240/1A0 4DIMLT2 G2 CE	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f0e55951-b434-4dfc-8c7e-7f99a3caacf6 f03d492e-b521-49ff-9947-5e4143b3b884
OT 110/170...240/1A0 4DIMLT2 G2 CE	The identification of the Candidate List substance is sufficient to allow safe use of the article.	8dbda5ac-2927-4137-ac7a-fd3bdc12e03c 7987324e-163c-4a68-bba5-0fe2fcf79682
OT 165/170...240/1A0 4DIMLT2 G2 CE	The identification of the Candidate List substance is sufficient to allow safe use of the article.	3df45517-1430-4628-9bac-58fb426845aa 90b0d98b-73d6-4b09-b6a7-8dfddbc4f19d 075c4855-5594-4ee0-8332-f0d291e95ac6

- 1) Additional fuse needed in DC operation
- 2) Full load
- 3) At full power
- 4) At 150 µs
- 5) Max. 75% in DC operating mode
- 6) at 230 V, 50 Hz
- 7) +/- 5% for LEDset down to 300mA
- 8) The luminaire manufacturer must ensure that condensation water cannot be created within the fixture.
- 9) At maximum $T_c = 75^{\circ}\text{C}$ / 10% failure rate
- 10) Output wires must be routed as close as possible to each other
- 11) Acc. DALI part 252
- 12) Acc. DALI part 253
- 13) Acc. DALI part 251
- 14) At 180 µs
- 15) At maximum $T_c = 80^{\circ}\text{C}$ / 10% failure rate
- 16) At 190 µs
- 17) At maximum $T_c = 85^{\circ}\text{C}$ / 10% failure rate
- 18) At 160 µs
- 19) At maximum $T_c = 90^{\circ}\text{C}$ / 10% failure rate

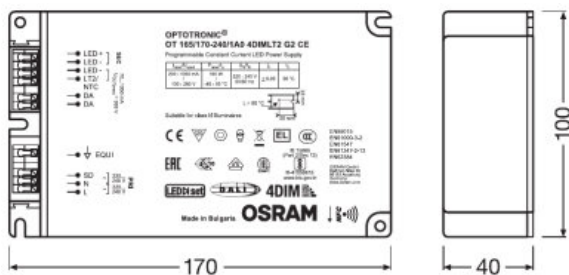
Product family datasheet



539459_OT 40120-2771A0 4DIMLT2 E



OT 75170-2401A0 4DIMLT2 G2 CE



OT 165 170-2401A0 4 DIM LT2 G2 CE



OT 165 170-2401A0 4 DIM LT2 G2 CE

Application advice

For more detailed application information and graphics please see product datasheet.

Additional product information

- The luminaire manufacturer must ensure that condensation water cannot be created within the fixture and, in particular, cannot affect the functionality of the product. Failing to comply with this requirement will make invalid any warranty claim.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

Product family datasheet

File	
	User instruction OPTOTRONIC Outdoor
	Brochures 4 DIM NFC G3 CE LED drivers and T4T C (EN)
	Certificates RCM Certificate CS10824N
	Certificates OT VDE ENEC 40050684 290923
	Certificates OT Outdoor CB DE1 62952A1 220920
	Certificates OT EMC 40050085 200220
	Certificates OT 20 4DIM LT2 G2 EATON AM35336 210520
	Certificates OT 20 4DIM LT2 G2 INOTEC AM35336 210520
	Certificates OT Outdoor CB DE1 62952A2 220920
	Certificates OT Outdoor VDE TESTREPORT 276377 220920
	Certificates VDE ENEC Certificate 40043863
	Certificates CB Certificate DE1-59452
	Certificates VDE ENEC Certificate 40043863 appendix
	Certificates OT EMC 40044675 031022
	Certificates CCC Certificate 2018171002002021
	Declarations of conformity OT 1DIMLT2 G1 4DIMLT2 G2 CE 3806542 061221
	Declarations of conformity OT DIM LT2 CE UK DoC 4291524 260221
	Declarations of conformity EATON(CEAG)-Conformity declaration AM04626_OT20_170-240_1A0_4DIMLT2_G2_CE
	Declarations of conformity INOTEC- Conformity declaration AM04626_OT20_170-240_1A0_4DIMLT2_G2_CE
	Declarations of conformity EU Declaration of Conformity 3584649
	CAD data CAD data STEP OT 20170-2401A0 4DIMLT2 G2 CE
	CAD data OT 20 4DIMLT2G2CE IGS 060820

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	CAD data OT 20 4DIMLT2G2CE STEP 060820
	CAD Data 2-dim OT 20 4DIMLT2G2CE CAD2PDF 060820
	CAD data 3-dim OT 20 4DIMLT2G2CE CAD3PDF 060820
	Certificates OT 40 4DIM LT2 G2 EATON AM35337 210520
	Certificates OT 40 4DIM LT2 G2 INOTEC AM35337 210520
	Declarations of conformity Declaration of Conformity 3547530
	Declarations of conformity EATON(CEAG)-Conformity declaration AM04628_OT40_170-240_1A0_4DIMLT2_G2_CE
	Declarations of conformity INOTEC- Conformity declaration AM04628_OT40_170-240_1A0_4DIMLT2_G2_CE
	CAD data OT 40 4DIMLT2G2CE IGS 060820
	CAD data OT 40 4DIMLT2G2CE STEP 060820
	CAD Data 2-dim OT 40 4DIMLT2G2CE CAD2PDF 060820
	CAD data 3-dim OT 40 4DIMLT2G2CE CAD3PDF 060820
	User instruction OPTOTRONIC Outdoor
	Certificates OT 75 4DIM LT2 G2 EATON AM35338 210520
	Certificates OT 75 4DIM LT2 G2 INOTEC AM35338 210520
	Certificates CB Test Certificate DE1-60243
	Certificates CCC Certificate 2018171002002244
	Declarations of conformity EU Declaration of Conformity 3605907 (EN)
	Declarations of conformity EATON(CEAG)-Conformity declaration AM03550 OT 75170-2401A0 4DIMLT2 G2 CE
	Declarations of conformity INOTEC-Conformity declaration AM03550 OT 75170-2401A0 4DIMLT2 G2 CE
	CAD data CAD data STEP OT 75170-2401A0 4DIMLT2 G2 CE
	CAD data OT 75 4DIMLT2G2CE IGS 060820
	CAD data OT 75 4DIMLT2G2CE STEP 060820

Product family datasheet

	CAD Data 2-dim OT 75 4DIMLT2G2CE CAD2PDF 060820
	CAD data 3-dim OT 75 4DIMLT2G2CE CAD3PDF 060820
	Certificates OT 110 4DIM LT2 G2 EATON AM35339 210520
	Certificates OT 110 4DIM LT2 G2 INOTEC AM35339 210520
	Certificates CCC Certificate 2018171002002265
	Declarations of conformity EU Declaration of Conformity 3629845
	Declarations of conformity EATON(CEAG)-Conformity declaration AM03548 OT 110170-2401A0 4DIMLT2 G2 CE
	Declarations of conformity INOTEC-Conformity declaration AM03548 OT 110170-2401A0 4DIMLT2 G2 CE
	CAD data CAD data STEP OT 110170-2401A0 4DIMLT2 G2 CE
	CAD data OT 110 4DIMLT2G2CE IGS 060820
	CAD data OT 110 4DIMLT2G2CE STEP 060820
	CAD Data 2-dim OT 110 4DIMLT2G2CE CAD2PDF 060820
	CAD data 3-dim OT 110 4DIMLT2G2CE CAD3PDF 060820
	User instruction OPTOTRONIC Outdoor
	Certificates OT 165 4DIM G2 CE BIS 34496 170420
	Certificates OT 165 4DIM LT2 G2 EATON AM27702 210520
	Certificates OT 165 4DIM LT2 G2 INOTEC AM27702 210520
	Certificates OT 165 4DIMLT2 G2 CE UK DoC 4310787 010621
	Declarations of conformity OT 4DIMLT2 G2 CE 3813028 100921
	CAD data OT 165 4DIMLT2G2CE IGS 060820
	CAD data OT 165 4DIMLT2G2CE STEP 060820
	CAD Data 2-dim OT 165 4DIMLT2G2CE CAD2PDF 060820
	CAD data 3-dim OT 165 4DIMLT2G2CE CAD3PDF 060820

Product family datasheet

Ecodesign regulation information:

Intended for use with LED modules.
The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899981928	OT 20/170...240/1A0 4DIMLT2 G2 CE	Shipping carton box 10	280 mm x 175 mm x 102 mm	5.00 dm ³	2279.00 g
4052899981935	OT 40/170...240/1A0 4DIMLT2 G2 CE	Shipping carton box 10	280 mm x 175 mm x 102 mm	5.00 dm ³	2279.00 g
4052899981942	OT 75/170...240/1A0 4DIMLT2 G2 CE	Shipping carton box 10	300 mm x 210 mm x 100 mm	6.30 dm ³	3223.00 g
4052899981959	OT 110/170...240/1A0 4DIMLT2 G2 CE	Shipping carton box 10	385 mm x 300 mm x 125 mm	14.44 dm ³	8141.00 g
4062172053952	OT 165/170...240/1A0 4DIMLT2 G2 CE	Shipping carton box 10	303 mm x 285 mm x 205 mm	17.70 dm ³	10352.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Accessories Optional

Product description	Accessory name	Accessory code
OT 20/170...240/1A0 4DIMLT2 G2 CE	NFC Scanner by TERTIUM Technology	4055462290281
OT 40/170...240/1A0 4DIMLT2 G2 CE	NFC Scanner by TERTIUM Technology	4055462290281
OT 75/170...240/1A0 4DIMLT2 G2 CE	NFC Scanner by TERTIUM Technology	4055462290281
OT 110/170...240/1A0 4DIMLT2 G2 CE	NFC Scanner by TERTIUM Technology	4055462290281
OT 165/170...240/1A0 4DIMLT2 G2 CE	NFC Scanner by TERTIUM Technology	4055462290281

Data privacy

This OSRAM driver can be configured using the Tuner4TRONIC software. This requires registering on www.myosram.com and downloading the Tuner4TRONIC software from the Internet. The Tuner4TRONIC software enables users to access and view the operational data of a luminaire or driver via the corresponding programming interfaces. A password key (Config Lock) must be set up in the driver via the Tuner4TRONIC software in order to control which users can access and view operational data. Follow the instructions for password setup. To grant an external person or company rights to access or view operational data, you can assign password keys. In this case, however, you are responsible for ensuring that the third party concerned takes notice of the information described here. However, OSRAM can read out operating data from devices for maintenance and service purposes even when a password key has been assigned. In individual cases, OSRAM will also use its access rights in order to optimize or improve driver hardware and driver functions. In accordance with data privacy principles, any user of operating data (luminaire manufacturers, third parties with access rights) must ensure that personal data (e.g. name, address, location IDs) are only merged with the prior written consent of the person (end user) concerned. The respective user of the operating data is responsible for providing evidence of consent.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.