

OTi DALI 80/220...240/2A1 LT2 L

OPTOTRONIC Intelligent – DALI LEDset LT2 (SELV) | Linear constant current LED driver – Dimmable



Produktegenskaper

- Nätfrekvens: 0 Hz | 50 Hz | 60 Hz
- Matningsspänning: 220...240 V

Användningsområde

- Installation i nödbelysningsystem enligt IEC 61347-2-13, bilaga J
- Lämplig för armaturer med skyddsklass I

Tekniska data

Elektriska data

Nominell inspänning	220...240 V
Nätfrekvens	0/50/60 Hz Hz
Inspänning AC	198...264 V ¹⁾
Inspänning DC	176...276 V
Current set	DALI / LEDset / Programmable
Total övertonshalt	< 20 %
Effektfaktor λ	0,91C...0,99 ²⁾
Efficiency in full-load	90 % ³⁾
Förlusteffekt	10 W ⁴⁾
Skyddsledare ström	<2,0 mA
IP Inkopplingsström	53 A ⁵⁾
Max antal HF-don på säkringsaut 10 A (B)	8
Max antal HF-don på säkringsaut 16 A (B)	13
Max antal HF-don på säkringsaut 25 A (B)	-
Spänningstopp (ström/jord)	2 kV
Spänningstopp (fas/neutral)	1 kV
Nominell utspänning	20...54 V ⁶⁾
U-OUT (arbetsspänning)	< 60 V
Nominell utström	1000...2100 mA
Output current LEDset open	500 mA
Output current LEDset shorted	2100 mA
Default output current	500 mA ⁷⁾
Utgångsströmstolerans	±3 % ⁸⁾
Utgångs rippelström (100 Hz)	< 1 %
Output PSTLM	≤1
Output SVM	≤0.4
Nominell uteffekt	32...80 W
Maximal uteffekt	80 W
Galvanisk isolation	SELV
Förlusteffekt i Stand-By läge i W	<0,5 W
Galvanisk isolering primär/sekundär	3,75 kV ⁹⁾

1) Tillåtet spänningsområde

2) Full last vid 230 V

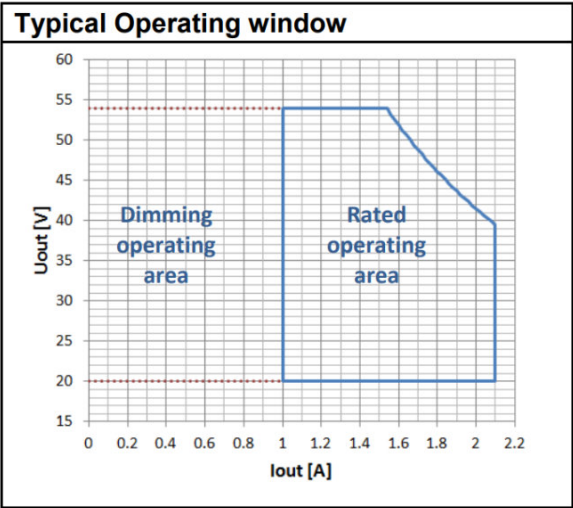
3) at 230 V, 50 Hz

4) Maximum

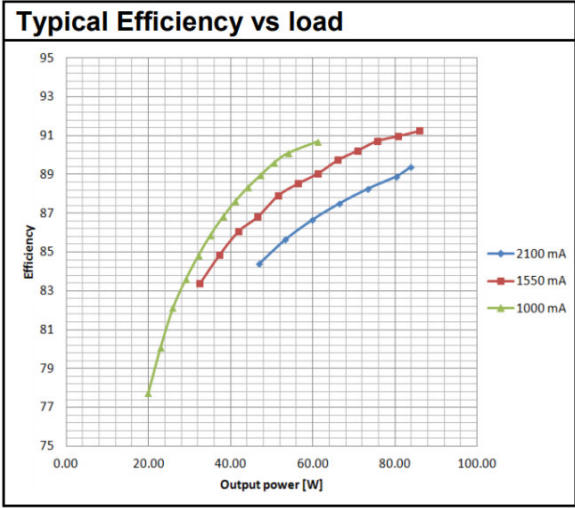
5) Vid 200 µs

6) Maximum 60 V

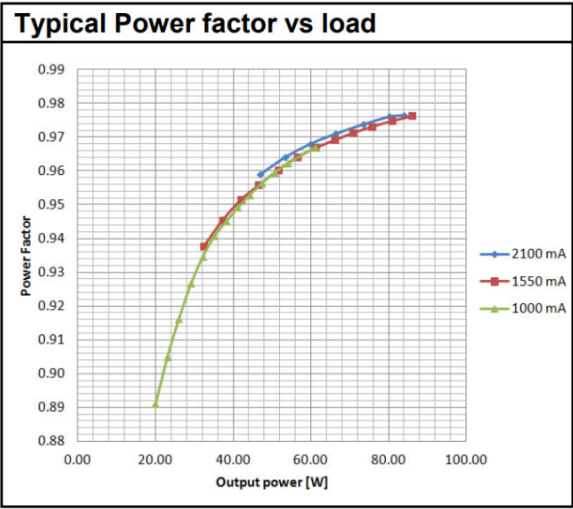
7) LEDset deactivated
8) When use DALI
9) SELV



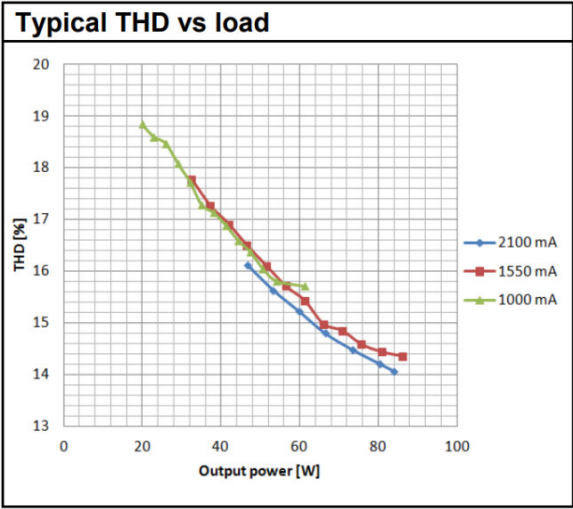
OTi DALI 80220-2402A1 LT2 L Operating Window



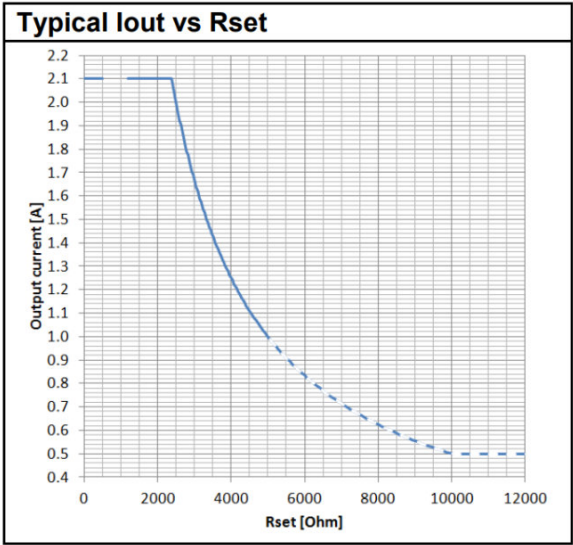
OTi DALI 80220-2402A1 LT2 L Typical Efficiency vs. Load (230 V 50 Hz)



OTI DALI 80220-2402A1 LT2 L Typical Power Factor vs. Load

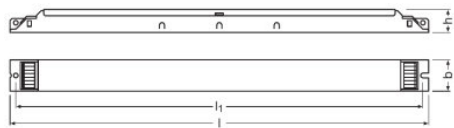


OTI DALI 80220-2402A1 LT2 L Typical THD Vs Load



OTI DALI 80220-2402A1 LT2 L Typical Iout vs Rset (LEDset2 mode)

Mått



Hålavstånd längd	350,0 mm
produktvikt	270,00 g
Ledningsarea ingångsida	0,5...1,5 mm ² ¹⁾
Ledningsarea utgångsida	0,5...1,5 mm ² ¹⁾
Avisoleringslängd på primärsidan	8,5...9,5 mm
Avisoleringslängd på sekundärsidan	8,5...9,5 mm
Längd	360,0 mm
Bredd	30,0 mm
Höjd	21,0 mm

¹⁾ Solida eller flexibla ledare

Färger & Material

Inkapslingsmaterial	Metal
---------------------	-------

Temperaturer och driftsförhållanden

Omgivningstemperaturområde	-25...+45 °C
Maximal temperatur vid tc testpunkt	80 °C
Maximal höljestemperatur vid fel	120 °C
Förvaringstemperatur	-25...85 °C
Tillåten rel. luftfuktighet under drift	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Livslängder

Hf-don livslängd	50000 / 100000 h ¹⁾
------------------	--------------------------------

¹⁾ At maximum T_c = 75°C / 10% failure rate / At T_c = 65°C / 10% failure rate

Tillägg produktdata

Inkapslad	Nej
-----------	-----

Användningsområden

Programming interface	DALI, LEDset
Ljusreglerbar	Ja
Dimmer gränssnitt	DALI-2 / Touch DIM / Touch DIM Sensor
Ljusregleringsområde	1...100 % ¹⁾
Ljusregleringsteknik	Amplitude Modulation / Pulse Width Modulation
Konstant lumenflödesfunktion	Programmable
Överhettningsskydd	Automatisk avstängning, återställningsbar
Överlastskydd	Automatisk avstängning, återställningsbar
Kortslutningsskydd	Automatisk avstängning, återställningsbar
Kan drivas utan belastning	Ja
Intended for no-load operation	Nej
Max. kabellängd till lampa / LED-modul	2,0 m ²⁾
Passande för armaturer med skyddsklass	I
Lämplig till nödbelysning	Ja
Typ av anslutning, ineffektsida	Tryckplint
Typ av anslutning, uteffektsida	Tryckplint
Control interface	DALI
Number of channels	1
DALI-2 Energy Data	Ja
DALI-2 Diagnostic Data	Ja

¹⁾ For maximum nominal output current
²⁾ Output wires must be routed as close as possible to each other

Programming

Programming device	DALI magic
Tuner4TRONIC	Ja
Tuner4TRONIC Field App	Ja

Programmable features

Operating Current	Ja
Constant Lumen	Ja
Lamp Operating Time	Ja
DALI Settings	Ja
Emergency Mode	Ja
DALI-2 Luminaire Data	Ja
Configuration Lock	Ja
TouchDIM + Sensor	Ja

Produktdatablad

Corridor Functionality	Ja
------------------------	----

Certifikat och Standarder

Godkännandemärkning	CE / EL / VDE-ENEC / VDE-EMC / EAC / CCC / RCM
Standarder	enI. EN 61347-1/enI. EN 61347-2-13/enI. EN 55015/enI. EN 61547/enI. EN 61000-3-2/Acc. to EN 62384/Acc. to EN 62386
Skyddstyp	IP20

Logistikdata

Statistiskt varunummer	85044083900
------------------------	-------------

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-05-2023
Primary Article Identifier	4052899028050
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	43b5ca1e-8a2a-441d-8886-2cd1700417ee

Download

Dokument	
	User instruction OPTOTRONIC LED Power Supply
	Certifikat OT FIT OTi DALI LT2 CB DE1 63464 060520
	Certifikat OT ENEC 40038447 260623
	Certifikat 489311_CB Certificate OTi DALI LT2 L
	Certifikat 494640_CE Declaration OTi DALI linear
	Certifikat OT EMC 40038827 300922
	Konformitetsdeklaration OTi DALI LT2 L CE 3366462 230821
	CAD-data OTi DALI 80 LT2 L IGS 270220

Produktdatablad

	CAD-data OTI DALI 80 LT2 L STEP 270220
	CAD-data 2-dim OTI DALI 80 LT2 L CAD2PDF 270220
	CAD-data 3-dim OTI DALI 80 LT2 L CAD3PDF 270220

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.

Logistiska data

Produktnummer	Produktbeskrivning	Förpackningsenhet (Styck/Enhet)	Dimensioner (längd x bredd x höjd)	Volym	Bruttovikt
4052899028050	OTi DALI 80/220...240/2A1 LT2 L	Transportförpackning 20	385 mm x 160 mm x 100 mm	6.16 dm ³	5971.00 g

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Datasäkerhetsskydd

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.

Friskrivningsklausul

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