

OTi DALI 40/220...240/1A0 NFC T-W

OPTOTRONIC Intelligent – DALI NFC Track | Compact constant current LED driver – Dimmable



A termék jellemzői

- Supply voltage: 220...240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Line voltage: 198...264 V

A termék előnyei

- Versatile DALI window driver due to flexible output characteristic
- DALI-2 certified incl. Parts 251, 252, 253
- Touch DIM application: easy to control via pushbutton or sensor

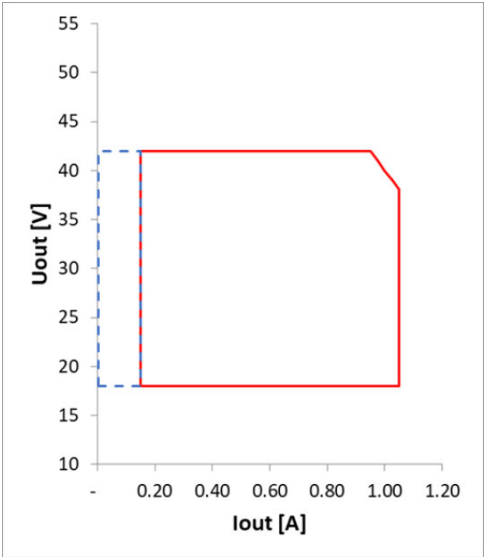


Műszaki adatok

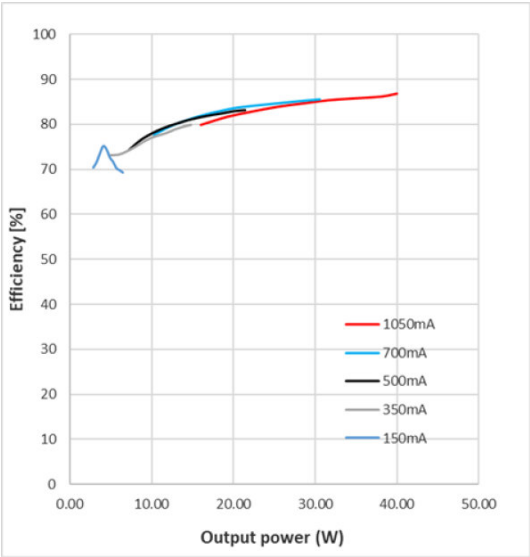
Elektromos adatok

Névleges bemeneti feszültség	220...240 V
Hálózati frekvencia [calc.]	0/50/60 Hz
Bemeneti feszültség, AC	198...264 V ¹⁾
Bemeneti feszültség DC	176...276 V
Teljes harmonikus torzítás	< 10 % ²⁾
Teljesítménytényező, λ	0.30C...0.95 ³⁾
Efficiency in full-load	86 % ⁴⁾
Bemelegedési áram	36 A ⁵⁾
Megszakítón megengedett előtét db 10 A (B)	47
Megszakítón megengedett előtét db 16 A (B)	76
Lökőfeszültség-állóság, (L/N-föld)	2 kV
Lökőfeszültség-állóság, (L-N)	1 kV
Névleges kimeneti feszültség	18...42 V ⁶⁾
U-OUT (üzemi feszültség)	60 V
Névleges kimeneti áram	150...1050 mA ⁷⁾
Kimeneti áram tűrés	±5 %
Kimeneti ripple áram (100 Hz)	< 5 % ⁸⁾
Output PSTLM	≤1
Output SVM	≤0.4
Névleges kimeneti teljesítmény	2.7...40 W
Legnagyobb kimenő teljesítmény	40 W ⁹⁾
Galvanikus elválasztás primer/szekunder	SELV
Current set	DALI / NFC
Default output current	500 mA
Galvanic isolation DALI/mains	Basic
Galvanic isolation DALI/output	SELV
Networked standby power [PIM]	≤0.20 W ⁴⁾

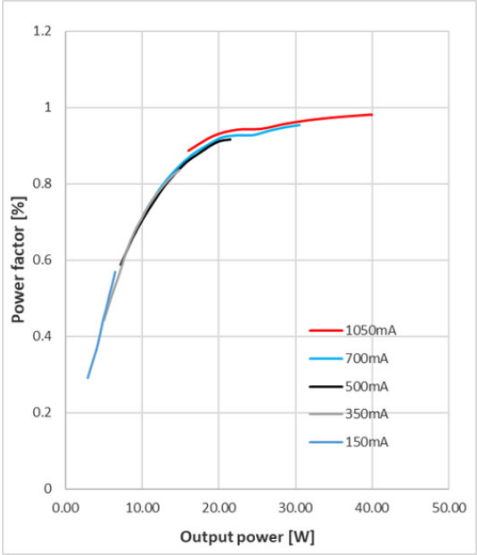
1) Permitted voltage range
2) At full load, 220...240 V, 50 Hz / see graphs
3) Full load at 230 V/50 Hz
4) at 230 V, 50 Hz
5) $t_{width} = 7 \mu s$ (measured at 50 % I_{peak})
6) Maximum 60 V
7) ±5%
8) <3% for 350-1050mA
9) Partial load 2.7...40 W



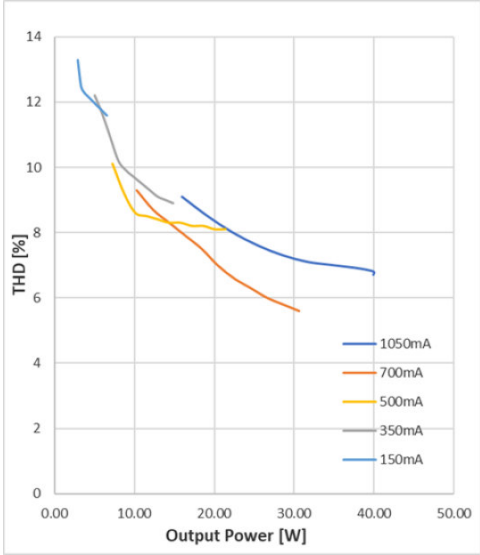
OT 40 Track Operating window



OT 40 Track Efficiency vs Load 230V 50Hz



OT 40 Track Power factor



OT 40 Track THD

Méretetek és súly



Termék súlya	154.00 g
Vezeték keresztmetszet, kimeneti oldal	0,75...1,5 mm ² ¹⁾
Vezeték-előkészítési hossz, kimenet	8,0...9,0 mm
Hosszúság	205.0 mm
Szélesség	31.0 mm
Magasság	44.0 mm

¹⁾ Solid or flexible leads

Szín és anyag

Ház anyaga	Plastic
Termék színe	WHITE RAL 9010

Hőmérséklet és működési feltételek

Környezeti hőmérséklet tartomány	-20...+35 °C
Max. hőmérséklet a tc mérőponton	90 °C ¹⁾
Max. házhőmérséklet hibaállapotban	110 °C
Hőmérséklet-tartomány tároláskor	-40...+85 °C
Megengedett légnedvesség üzem közben	5...85 % ²⁾

¹⁾ Measured on tc point indicated of the product label.

²⁾ Maximum 56 nap/év 85 %-on

Élettartam

Elektronikus előtét élettartam	50000 / 100000 h ¹⁾
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¹⁾ $T_c = 90^{\circ}\text{C} - 0.2\% / 1,000 \text{ h failure rate} / T_c = 80^{\circ}\text{C}, 0.1\% / 1,000 \text{ h failure rate}$

További termékadatok

Tokozott	Nem
Compatible track systems	GLOBAL / Stucchi / Unipro / Powergear ¹⁾

1) The compatibility may become invalid when the critical track dimension is modified by the brand owner in case of engineering change or optimization in the future

Képességek

Dimmelhető	Yes
Dimmelő interfész	DALI-2 / Touch DIM / Touch DIM Sensor
Dimmelési tartomány	1...100 %
Dimmelési módszer	Aamplitudó moduláció
Túlmelegedés védelem	Automatic reversible
Túlterhelés védelem	Automatic reversible
Zárlatvédett	Automatic reversible
Nem terhelés-védett	Yes
Intended for no-load operation	Nem
Max. vezeték hossz lámpa/LED modul	2,0 m ¹⁾
Csatlakozás típusa, bemeneti oldal	-
Csatlakozás típusa, kimeneti oldal	Nyomógombos kapocs
Átmenő huzalozásra alkalmas	Nem
Állandó fényáram funkció	Programozható
Programming interface	DALI, NFC
Control interface	DALI-2
Number of channels	1

1) Output wires must be routed as close as possible to each other

Programming

Box programming	Yes
Tuner4TRONIC	Igen
Tuner4TRONIC Field App	Igen
Programming device	DALI / NFC

Programmable features

Constant Lumen	Igen
Lamp Operating Time	Igen
Driver Guard	Igen
Emergency Mode	Nem
Configuration Lock	Igen
Soft Switch Off	Igen
Dim to Dark	Igen
OEM Key	Nem

Tanúsítványok és szabványok

Termék adatlap

Jóváhagyási jelek	CE / UKCA / DALI-2 / CQC / RCM
Szabványok	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 62386/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547/Acc. to CISPR 15/Acc. to ETSI EN 300 330/Acc. to ETSI EN 301 489 - 1/Acc. to ETSI EN 301 489-3
Érintésvédelmi osztály	II
Védettség típusa	IP20

Logisztikai adatok

Commodity code	85044083900
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Környezetvédelmi információk

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	21-08-2023
Primary Article Identifier	4062172310529
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	2996aef9-84ad-4057-a8aa-2d124cda2a0d

Download Data

File	
	CAD data 3-dim OTI DALI 40 220 240 1A0 NFC CAD 3D 20221208

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.

Termék adatlap

Logisztikai adatok

Termékkód	Termékmegnevezés	Csomagolás (darab/egység)	Méretek (hosszúság x szélesség x magasság)	Térfogat	Bruttó súly
4062172310529	OTi DALI 40/220...240/1A0 NFC T-W	Karton 20	266 mm x 225 mm x 234 mm	14.00 dm ³	3516.00 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.

Opcionális tartozékok

Termékmegnevezés	Tartozékok neve	Tartozékok kódja
OTi DALI 40/220...240/1A0 NFC T-W	Track Joint	▶ 4062172228183
OTi DALI 40/220...240/1A0 NFC T-W	WHITE RING	▶ 4062172138550

Adatvédelem

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.

Lemondás

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