

OT WI 25/220...240/700 NFC CA LPI

OPTOTRONIC Wireless Intelligent – Casambi NFC LP I | Compact constant current LED driver – Dimmable



A termék jellemzői

- Driver with integrated CASAMBI lighting control system
- Supply voltage: 220...240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Line voltage: 198...264 V

A termék előnyei

- Versatile CASAMBI window driver due to flexible output characteristic

Alkalmazási területek

- Suitable for use in luminaires with flexible current setting
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for indoor SELV installations
- Suitable for luminaires of protection classes I and II



Műszaki adatok

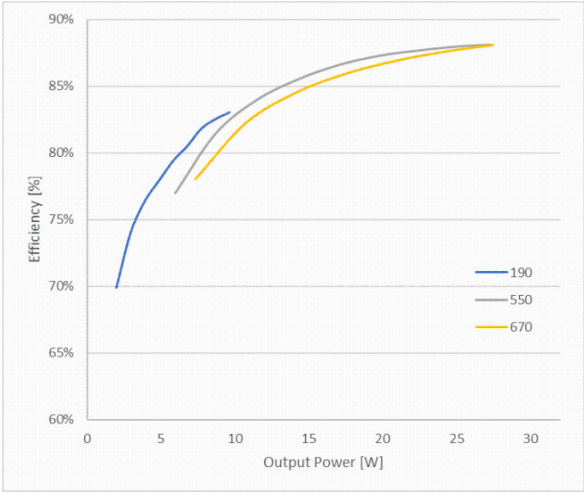
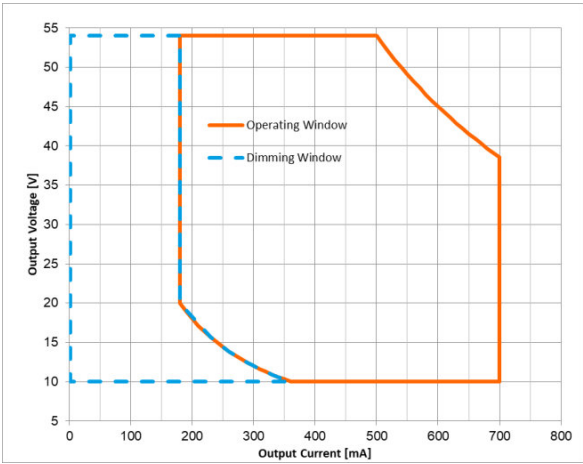
Elektromos adatok

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	049C...099
Efficiency in full-load	88 % ³⁾
Készülék vesztesége	-
Bemelegedési áram	20 A ⁴⁾
Megszakítón megengedett előtét db 10 A (B)	50
Megszakítón megengedett előtét db 16 A (B)	80
Lökőfeszültség-állóság, (L/N-föld)	2 kV
Lökőfeszültség-állóság, (L-N)	1 kV
Névleges kimeneti feszültség	10...54 V ⁵⁾
U-OUT (üzemi feszültség)	60 V
Névleges kimeneti áram	180...700 mA ⁶⁾
Kimeneti áram tűrés	±3 %
Default output current	500 mA
Kimeneti ripple áram (100 Hz)	< 3 % ⁷⁾
Output PSTLM	<1
Output SVM	<0.4
Névleges kimeneti teljesítmény	27 W
Legnagyobb kimenő teljesítmény	27 W ⁸⁾
Galvanikus elválasztás primer/szekunder	SELV
Maximum TX power	8 dBm ⁹⁾
Current set	NFC
Radio frequency	2.4 GHz
Wireless protocol	Casambi Evolution
Wireless range	10 m line of sight
Networked standby power [PIM]	0.15 W ³⁾

1) Permitted voltage range
2) At full load, 220...240 V, 50 Hz / see graphs
3) at 230 V, 50 Hz
4) $t_{width} = 25 \mu s$ (measured at 50 % I_{peak})
5) Maximum 60 V
6) ±3%
7) Ripple average at 100 Hz

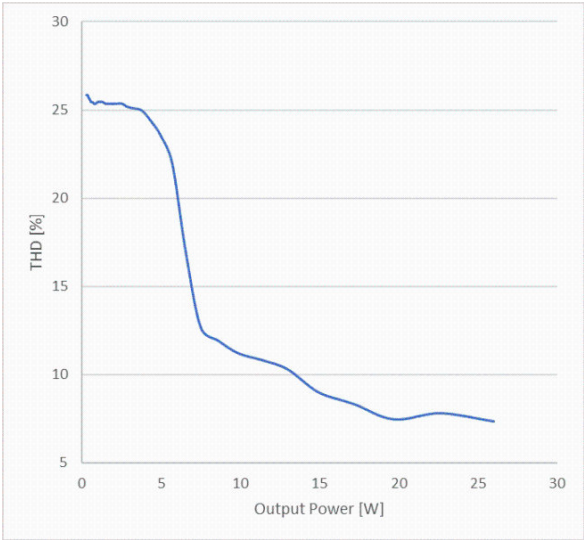
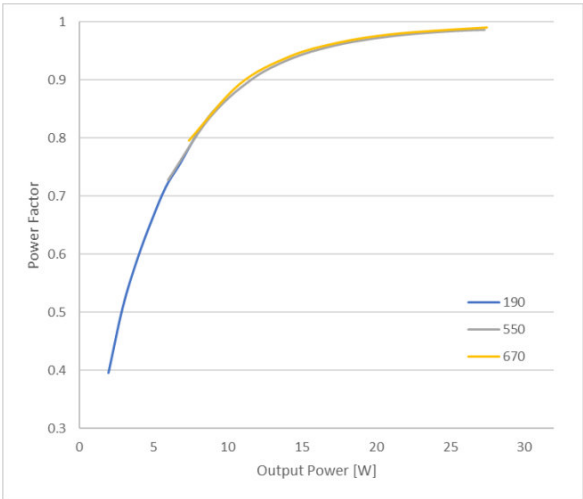
Termék adatlap

- 8) Partial load 3.6...27 W
- 9) 2,512 mW



OTI DALI 25 NFC LP Operating window

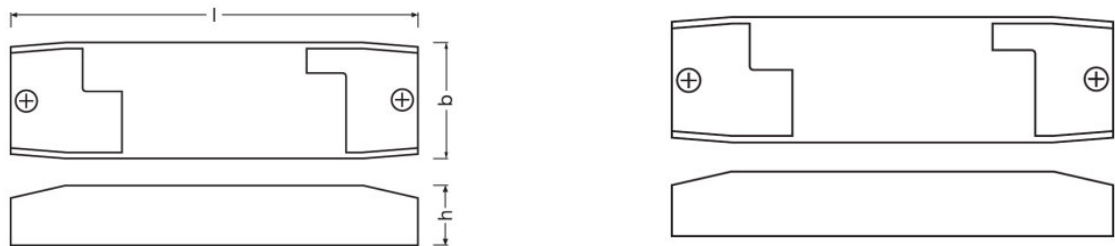
OTI DALI 25 NFC LP Typical Efficiency vs. Load (230 V 50 Hz)



OTI DALI 25 NFC LP Typical Power Factor vs. Load

OTI DALI 25 NFC LP Typical THD Vs Load

Méretetek és súly



Szerelési furattávolság, hosszúság	108.0 mm
Termék súlya	15000 g
Vezeték keresztmetszet, bemeneti oldal	0,75...1,5 mm ² ¹⁾
Vezeték keresztmetszet, kimeneti oldal	0,5...1,5 mm ² ¹⁾
Vezeték-előkészítési hossz, bemenet	7...8 mm
Vezeték-előkészítési hossz, kimenet	7...8 mm
Hosszúság	1500 mm
Szélesség	425 mm
Magasság	220 mm

¹⁾ Solid or flexible leads

Szín és anyag

Ház anyaga	Plastic
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Hőmérséklet és működési feltételek

Környezeti hőmérséklet tartomány	-20...+50 °C
Max. hőmérséklet a tc mérőponton	85 °C ¹⁾
Max. házhőmérséklet hibaállapotban	110 °C
Hőmérséklet-tartomány tároláskor	-40...+85 °C
Megengedett légnedvesség üzem közben	5...85 % ²⁾

¹⁾ Maximum a Tc-ponton

²⁾ Maximum 56 nap/év 85 %-on

Élettartam

Elektronikus előtét élettartam	50000 / 100000 h ¹⁾
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¹⁾ T_C = 85°C, 0.2% / 1,000 h failure rate / T_C = 75°C, 0.1% / 1,000 h failure rate

További termékadatok

Termék adatlap

Tokozott	Nem
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Képességek

Dimmelhető	Yes
Dimmelő interfész	Bluetooth CASAMBI
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⁾
Alkalmasság érintésvédelmi osztályhoz	I / II
Csatlakozás típusa, bemeneti oldal	Nyomógombos kapocs
Csatlakozás típusa, kimeneti oldal	Nyomógombos kapocs
Tartalékvilágításhoz alkalmas	Igen
Állandó fényáram funkció	Programozható
Programming interface	NFC
Reset	Manual ²⁾
Control interface	Casambi
Detection angle (Light sensor)	-
Detection angle (PIR)	-
Number of channels	1

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

2) see additional product information

Programming

Box programming	Yes
Tuner4TRONIC	Igen
Tuner4TRONIC Field App	Nem
Programming device	NFC

Programmable features

Constant Lumen	Igen
Lamp Operating Time	Igen
Driver Guard	Igen
Emergency Mode	Igen
Configuration Lock	Igen

Termék adatlap

Soft Switch Off	Igen
Dim to Dark	Igen
Corridor Functionality	nem releváns
OEM Key	Nem

Tanúsítványok és szabványok

Jóváhagyási jelek	CE / UKCA / ENEC / EAC / EL
Szabványok	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 62479/Acc. to ETSI EN 300 328/Acc. to ETSI EN 301 489-17/Acc. to ETSI EN 301 489 - 1
Érintésvédelmi osztály	II
Védettség típusa	IP20

Logisztikai adatok

Commodity code	85044095900
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Környezetvédelmi információk

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	11-10-2023
Primary Article Identifier	4062172228053
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	d22811f9-f4ab-4909-8dbd-433a1cb4f53d

Adatlap szöveg

- Download Casambi app from App store or Google play. For the correct functioning of the Casambi app refer to the Casambi website: <http://www.casambi.com>.
- The Casambi App is provided to you by Casambi. OSRAM shall have no liability for the Casambi app and does not make any representations, express or implied, about the availability and/or performance of the Casambi app.
- The Casambi cloud services are provided to you by Casambi. OSRAM shall have no liability for the Casambi cloud services and does not make any representations, express or implied, about the availability and/or performance of the Casambi cloud services.
- OSRAM shall have no liability for and does not make any representations, express or implied, about the connectivity of Casambi ready products of OSRAM with any other Casambi ready products.
- There are two places in the app where you can unpair a Casambi enabled device from a network.1. Go to the 'Luminaires' tab and tap 'edit'. Unpair a luminaire by tapping the ("X") that will appear in the corner of the relevant luminaire icon. You can also double-tap a luminaire icon to open the "luminaire properties" screen, and then scroll down and tap 'Unpair device'.2. Go to the "Nearby devices" screen found under the 'More' tab. Tap on the device you wish to unpair and select 'Unpair device'. This will unpair the luminaire if you have modification (administrator) rights to the network.If you don't have the modification rights to the network that the device is paired to then you need to have access to the devices power switch to be able to unpair. Tap on the device you wish to unpair and select 'Unpair device' and the app will open the 'Unpair' screen. Tap on the 'Start' button and an orange "Time bar" will appear and start to move across the screen. During the time it takes the bar to move across the screen, flick the power switch off and back on again. This should unpair the device. If unpairing succeeds then there is a message that luminaire has been unpaired. If it does not succeed then try again but switch the power off and on again more slowly (This may be needed for devices that use an additional power supply; such as a CBU-PWM4). If unpairing continues to be unsuccessful then it is probably the case that the power switch is not correct for the device you are trying to unpair.

Download Data

File	
	User instruction OPTOTRONIC LED Power Supply
	Certificates OT ENEC 40038447 260623
	CAD data OT WI NFC CA BL LPI IGS 130722
	CAD data OT WI NFC CA BL LPI STEP 130722
	CAD Data 2-dim OT WI NFC CA BL LPI CAD2PDF 130722
	CAD data 3-dim OT WI NFC CA BL LPI CAD3PDF 130722

Termék adatlap

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.

Logisztikai adatok

Termékkód	Termékmegnevezés	Csomagolás (darab/egység)	Méretek (hosszúság x szélesség x magasság)	Térfogat	Bruttó súly
4062172228053	OT WI 25/220...240/700 NFC CA LPI	Karton 20	314 mm x 122 mm x 107 mm	4.10 dm ³	3121.00 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.

Lemondás

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