

OTi DALI 35/220...240/400 D NFC TW L

OPTOTRONIC Intelligent Tunable White – DALI (non-isolated) | Linear constant current LED driver – Dimmable



Produktegenskaper

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

Användningsområde

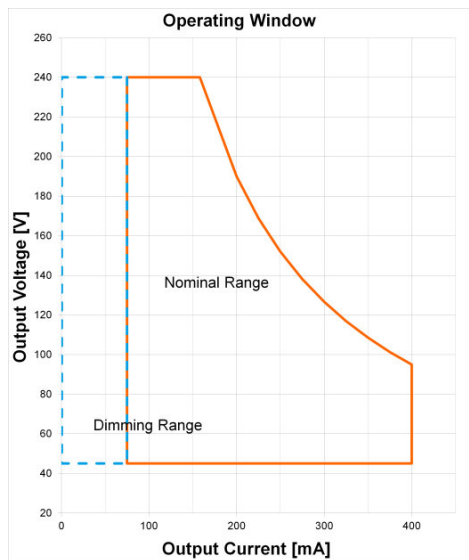
- Installation i nödbelysningsystem enligt IEC 61347-2-13, bilaga J
- Lämplig för installation i nödbelysningsystem enligt EN 60598-2-22
- Lämplig för armaturer med skyddsklass I

Tekniska data

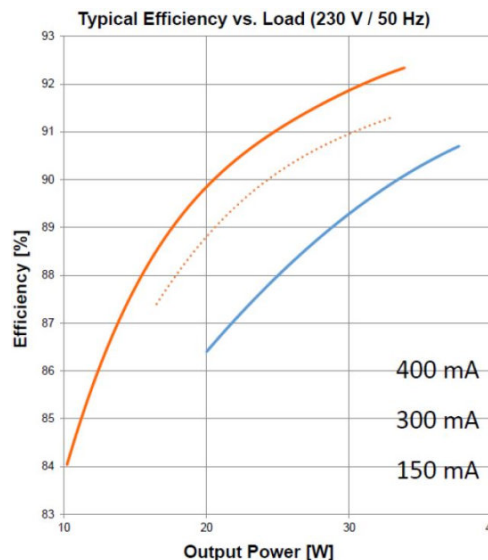
Elektriska data

Nominell inspänning	220...240 V
Nätfrekvens	0/50/60 Hz Hz
Inspänning AC	198...264 V
Inspänning DC	176...276 V
Current set	DALI / NFC / Programmable
Total övertonshalt	< 10 %
Effektfaktor λ	0,47C...0,95
Efficiency in full-load	90 % ¹⁾
Förlusteffekt	3,0 W
IP Inkopplingsström	17 A
Max antal HF-don på säkringsaut 10 A (B)	19
Max antal HF-don på säkringsaut 16 A (B)	28
Max antal HF-don på säkringsaut 25 A (B)	-
Spänningstopp (ström/jord)	2 kV
Spänningstopp (fas/neutral)	1 kV
Nominell utspänning	45...240 V
U-OUT (arbetsspänning)	< 250 V
Nominell utström	75...400 mA
Default output current	75 mA
Utgångsströmstolerans	±3 %
Utgångs rippelström (100 Hz)	< 1 %
Output PSTLM	≤1
Output SVM	≤0.4
Nominell uteffekt	4...38 W
Maximal uteffekt	38 W
Galvanisk isolation	Non isolated
Förlusteffekt i Stand-By läge i W	<0.2 W
Galvanisk isolering primär/sekundär	-

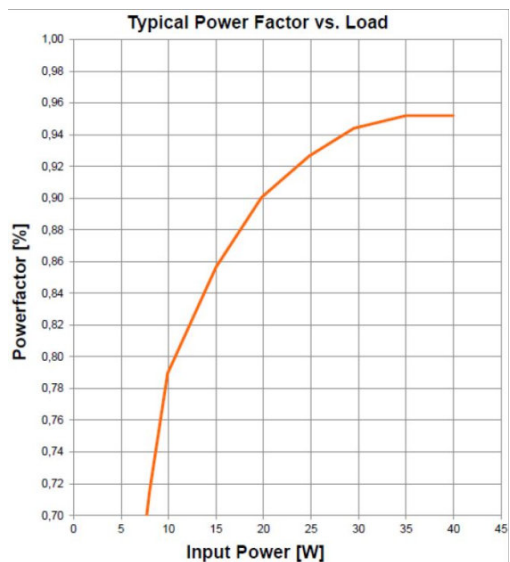
¹⁾ at 230 V, 50 Hz



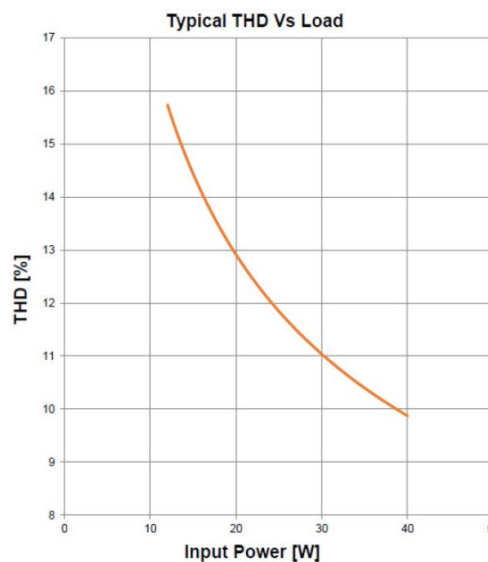
OTI DALI 35220-240400 D NFC TWL Operating Window



OTI DALI 35220-240400 D NFC TWL Typical Efficiency vs. Load (230 V 50 Hz)

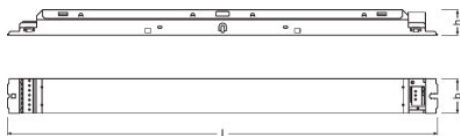


OTI DALI 35220-240400 D NFC TWL Typical Power Factor vs. Load



OTI DALI 35220-240400 D NFC TWL Typical THD Vs Load

Mått



Hålavstånd längd	350,0 mm
produktvikt	235,00 g
Ledningsarea ingångsida	0,5...1,5 mm ²
Ledningsarea utgångsida	0,5...1,5 mm ²
Avisoleringslängd på primärsidan	8,0...9,0 mm
Avisoleringslängd på sekundärsidan	8,0...9,0 mm
Längd	360,0 mm
Bredd	30,0 mm
Höjd	21,0 mm

Färger & Material

Inkapslingsmaterial	Metal
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Temperaturer och driftsförhållanden

Omgivningstemperaturområde	-25...+50 °C
Maximal temperatur vid tc testpunkt	75 °C
Maximal höljestemperatur vid fel	110 °C
Förvaringstemperatur	-40...+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⁾
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¹⁾ At maximum T_c = 75°C / 10% failure rate / At T_c = 65°C / 10% failure rate

Tillägg produktdata

Inkapslad	Nej
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Användningsområden

Programming interface	DALI, NFC
Ljusreglerbar	Ja
Dimmer gränssnitt	DALI-2 / Touch DIM / Touch DIM Sensor
Ljusregleringsområde	1...100 %
Ljusregleringsteknik	Full analogue dimming / AM/PWM selectable
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 ¹⁾
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	2
DALI-2 Energy Data	Nej
DALI-2 Diagnostic Data	Nej

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

Programming

Programming device	DALI magic / NFC Scanner
Tuner4TRONIC	Ja
Tuner4TRONIC Field App	Nej
Box programming	Yes

Programmable features

Operating Current	Ja
Lamp Operating Time	Ja
Driver Guard	Ja
DALI Settings	Ja
Emergency Mode	Ja
DALI-2 Luminaire Data	Nej
Soft Switch Off	Ja
Dim to Dark	Ja

Produktdatablad

TouchDIM + Sensor	Ja
Corridor Functionality	Ja
Tunable White CCT	Ja
Tunable White High precision	Ja

Certifikat och Standarder

Godkännandemärkning	CE / EL / VDE-ENEC / EAC / CCC / RCM / BIS
Standarder	enI. IEC 61347-1/enI. IEC 61347-2-13/enI. IEC 62384/enI. IEC 61000-3-2/enI. IEC 61000-3-3/enI. IEC 61547
Skyddstyp	IP20

Logistikdata

Statistiskt varunummer	85044083900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	22-09-2023
Primary Article Identifier	4052899990302
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	5d018f90-f20f-4306-87aa-04a991f4a89a










Databladstext

- Electrical connections between the two output channels are not allowed.

Download

Dokument	
	User instruction OPTOTRONIC LED Power Supply
	User instruction OPTOTRONIC LED Power Supply
	Certifikat OT EMC 40050085 200220
	Certifikat OT ENEC 40038085 010322

Produktdatablad

	Certifikat OT EMC 40044675 031022
	Konformitetsdeklaration OTI DALI D NFC TW L UK DoC 4287948 110522
	Konformitetsdeklaration OTI DALI D NFC TW L CE 3633314 110522
	Konformitetsdeklaration EATON(CEAG) Conformity declaration AM28017 OTi DALI35 220-240 400 D NFC TW L
	Konformitetsdeklaration INOTEC Conformity declaration AM28017 OTi DALI35 220-240 400 D NFC TW L
	CAD-data OTI DALI D NFC TWL IGS 050220
	CAD-data OTI DALI D NFC TWL STEP 050220
	CAD-data 2-dim OTI DALI D NFC TWL CAD2PDF 050220
	CAD-data 3-dim OTI DALI D NFC TWL CAD3PDF 050220

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
4052899990302	OTi DALI 35/220...240/400 D NFC TW L	Transportförpackning 20	385 mm x 160 mm x 100 mm	6.16 dm ³	4874.00 g

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

Datasäkerhetsskydd

Produktdatablad

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.