



Drivers

For the drive of lights. To create light, you need an engine, inbuilt or separate. Our electronic drivers are all state of the art and designed to provide diagnostic information if the light stops working.



NLP LED 15 E 100-240 V

General information

Driver with SELV output for constant current LED fixtures. Classified as independent unit. Output current selectable, 350 or 500 or 700 mA. Overload and short-circuit protection. Screw clamp terminal blocks for connecting mains power cable and output cables, plastic housing with integrated strain reliefs.

Technical data

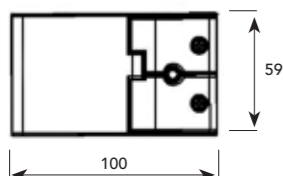
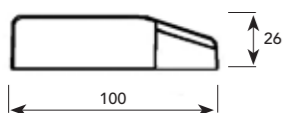
Mains (input) voltage	100-240 V
Total weight	0.25 kg
Form of protection	IP20, Class II
Rated current	0.08 A
Energy consumption	17.6 W
Frequency	50/60 Hz
Power factor	0,85
Tc value (max)	75°C
Output type	Constant current for LED fixtures
Output voltage	10-30/10-21 VDC
Output current	350, 500/700 mA
Output current ripple	< 20 mAp-p
Max number of gears	16 A, type C: 146 gears/fuse 10 A, type C: 91 gears/fuse
Max resulting luminaire	
Flicker	<1%
Flicker index	<0.01

Art no (EU)

Art no (EU)	Description
121-506	V 350 mA
121-507	V 500 mA
121-512	V 700 mA

Color

Light grey
Light grey
Light grey



NLP LED 15 E 230 V



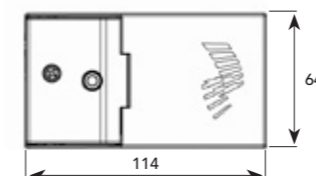
NLP LED 25 E 220-240 V

General information

Driver with SELV output for constant current LED fixtures. Classified as independent unit. Overload and short-circuit protection. Mains connection through C13 plug and interlocking quick connector on the output.

Technical data

Mains (input) voltage	220-240 V
Total weight	0.25 kg
Form of protection	IP20, Class I
Rated current	0.1 A
Energy consumption	22 W
Frequency	50/60 Hz
Power factor	>0.95
Tc value (max)	75°C
Output type	Constant current for LED fixtures
Output voltage	20-43 VDC
Output current	200-500 mA
Output current ripple	<20 mAp-p
Max number of gears	10 A, type C: 73 gears/fuse 16 A, type C: 117 gears/fuse
Max resulting luminaire	
Flicker	<1%
Flicker index	<0.01



NLP LED 25 E 220-240 V



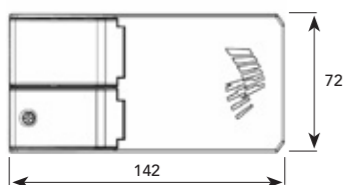
NLP LED 40 E 220-240 V

General information

Driver with SELV output for constant current LED fixtures. Classified as independent unit. Overload and short-circuit protection. Mains connection through poke in terminal for cable connection and interlocking quick connector on the output.

Technical data

Mains (input) voltage	220-240 V
Total weight	0.25 kg
Form of protection	IP20, Class I
Rated current	0.19 A
Energy consumption	44 W
Frequency	50/60 Hz
Power factor	>0.95
Tc value (max)	75°C
Output type	Constant current for LED fixtures
Output voltage	20-43 VDC
Output current	500-1000 mA
Output current ripple	<20 mAp-p
Max number of gears	10 A, type C: 36 gears/fuse 16 A, type C: 58 gears/fuse
Max resulting luminaire	
Flicker	<1%
Flicker index	<0.01



NLP LED 40 E 220-240 V



NLP LED 60 E 230 V

General information

Driver with SELV output for constant voltage LED fixtures. Classified as independent unit. Overload and short-circuit protection. LED indicator displays operating condition, green when the connected load is within the rated range, toggles to red when overloaded. Gear housing made of die-cast aluminium. Inlet socket for mains power cable. Output through coaxial power connector, mates with the Nordic Light range of constant voltage LED fixtures.

Technical data

Mains (input) voltage	220-240 V
Total weight	0.29 kg
Form of protection	IP20, class 1
Rated current	0.28 A
Energy consumption	61 W
Frequency	50/60 Hz
Power factor	0.95
Tc value (max)	70°C
Output type	Constant voltage for LED fixtures
Output voltage	28 VDC
Output voltage ripple	< 1 Vp-p
Output current	2x200-850 mA
Max number of gears	16 A, type C: 39 gears/fuse 10 A, type C: 24 gears/fuse

Art no (EU)

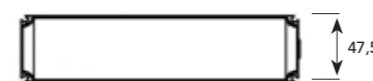
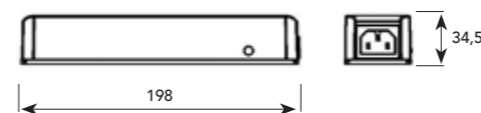
121-508

Description

NLP LED 60 E-230 V
Halogen free EU cable

Color

Dark grey



NLP LED 60 E 230V



NLP LED 120 E 230 V

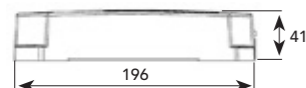
General information

Driver with SELV output for constant voltage LED fixtures. Classified as independent unit. Overload and short-circuit protection. LED indicator displays operating condition, green when the connected load is within the rated range, toggles to red when overloaded. Gear housing made of die-cast aluminium. Inlet socket for mains power cable. Output through coaxial power connectors, mates with the Nordic Light range of constant voltage LED fixtures.

Technical data

Mains (input) voltage	220-240 VAC
Total weight	0.84 kg
Form of protection	IP20, class 1
Rated current	0.53 A
Energy consumption	122 W
Frequency	50/60 Hz
Power factor	0.95
Tc value (max)	70°C
Output type	Constant voltage for LED fixture
Output voltage	28 VDC
Output voltage ripple	< 1 Vp-p
Output current	Up to 2 A
Max number of gears	16 A, Type C: 22 gears 10 A, Type C: 14 gears

Art no (EU)	Description	Color
192-501	NLP LED 120 E 220-240 V	Black



NLP LED 120 E 230 V



NLE LED 30 E 220-240 V

General information

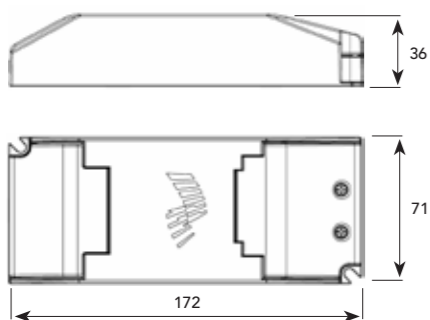
Dali driver with SELV output for constant current LED fixtures. Classified as independent unit. Mains connection through GST18i5 compatible connector and interlocking quick connector on the output.

Technical data

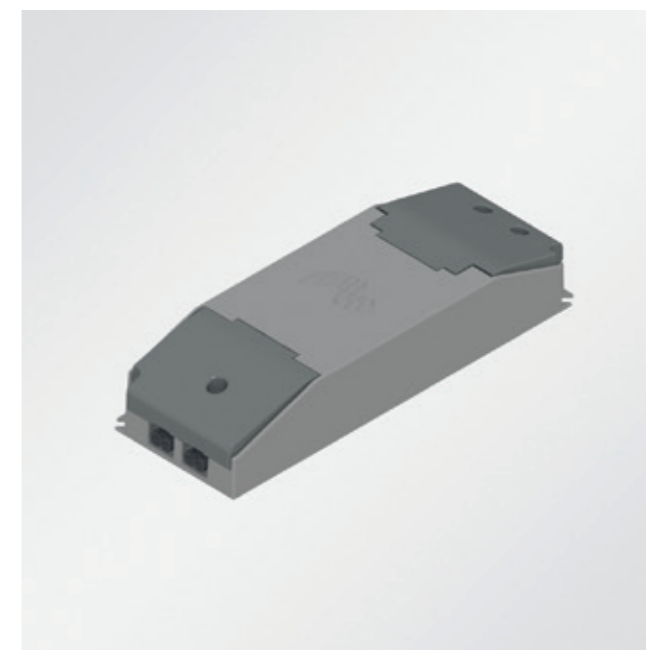
Mains (input) voltage 120-240 VAC
 Total weight 0.25 kg
 Form of protection IP20, Class I
 Rated current 0.15 A
 Energy consumption 35 W
 Frequency 50/60 Hz
 Power factor >0.95
 Tc value (max) 75°C
 Output type Constant current LED fixtures
 Output voltage 25->48 VDC
 Output current 1x200-850 mA
 Output current ripple <20 mAp-p
 Max number of gears 120 V:

10 A, type C: 23 gears/fuse
 16 A, type C: 36 gears/fuse
 220-240 V:
 10 A, type C: 46 gears/fuse
 16 A, type C: 72 gears/fuse

Max resulting luminaire
 Flicker <3%
 Flicker index <0.01



NLE LED 30 E 220-240 V



NLE LED 60 E 220-240 V

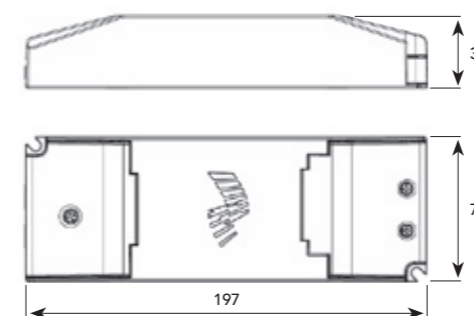
General information

Dali Driver with SELV output for constant current LED fixtures. Classified as independent unit. Overload and short-circuit protection. Mains connection through GST18i5 compatible connector and dual interlocking quick connector on the outputs.

Technical data

Mains (input) voltage 220-240 V
 Total weight 0.25 kg
 Form of protection IP20, Class I
 Rated current 0.3 A
 Energy consumption 70 W
 Frequency 50/60 Hz
 Power factor >0.95
 Tc value (max) 75°C
 Output type Constant current LED fixtures
 Output voltage 25->48 VDC
 Output current 2x200-850 mA
 Output current ripple <20 mAp-p
 Max number of gears 10 A, type C: 23 gears/fuse
 16 A, type C: 36 gears/fuse

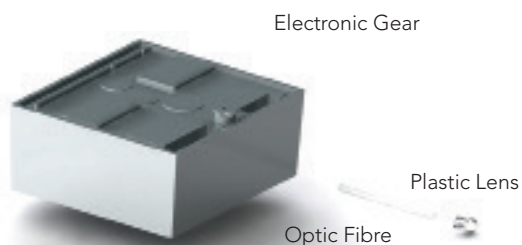
Max resulting luminaire
 Flicker <6%
 Flicker index <0.02



NLE LED 60 E 220-240 V



Driver Generations



VIS

VIS is a visual user guidance for maintenance. VIS can detect a number of different problems like electrical short cuts, high temperature, faulty light sources etc. VIS is possible using our NLP GIII ballast with integrated MCU. The MCU monitors the fixture and can send error signals to a LED on the ballast. The signal is carried through an optical fibre to a Lens on the chassis of the fixture or the ballast housing. The signal is displayed as a number of red flashes which indicates different errors. The error signals are indicated in 30 second intervals and 1 second between each flash.

Apart from the error signals VIS also displays a single steady signal when the fixture tries to ignite the light source. VIS is available on some of our newest products. If the product has VIS it is indicated by the VIS logotype in the product datasheet.

VIS Error codes Generation III

Flashes	Error type	Error description	Action
•	No failure	Starting lamp	–
••	Installation	Gear temperature exceeding max.	Check if ambient temperature is to high
•••	Lamp failure	Ignition timed out	Check lamp and connection wiring
••••	Lamp failure	Lamp End of life	Check lamp wattage
•••••	Lamp failure	Lamp voltage is to low	Change lamp
••••••	Lamp Failure	Lamp voltage is to high	Change lamp

VIS Error codes Generation V

Flashes	Error type	Error description	Action
•	No failure	Starting lamp	–
••	Installation	Gear temperature exceeding max.	Check if ambient temperature is to high
•••	Installation	Mains voltage incorrect	Check mains installations
••••	Lamp failure	Lamp failure	Change lamp