PRODUCT DATASHEET
DR L DS P 60/200-350/220

CONSTANT CURRENT LINEAR - NON DIMMABLE | Linear constant current LED driver with dip-switch current setting



PERFOR-MANCE CLASS

Areas of application

- Suitable for LED luminaires and LED modules
- Applicable for luminaires of protection class I
- Suitable for indoor non-SELV installations

Product benefits

- High flexibility due to adjustable output currents via dip switch (4 currents)
- Low flickering enables high light quality as well as good visual comfort
- Flexible dip switch current settings on device in 50mA steps

Product features

- Available in 20 W, 40 W, 60 W, 80 W, 100 W and 150 W
- Very long lifetime of up to 100,000 h
- Type of protection: IP20
- Low ripple current < 5%
- Supply voltage: 220…240 V
- ENEC-certified safety
- Safety according to EN 61347-1, 61347-2-13, 62384

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TECHNICAL DATA

Electrical data

Nominal output power	60 W
Nominal voltage	220…240 V
Nominal output voltage	40…220 V
Input voltage range	198…264 V
Input voltage AC	198…264 V [1)]
Input voltage DC	220-240 V [1)]
Type of current	DC
Nominal output current	200…350 mA
Inrush current	60 A
Output current tolerance	5 %
Output ripple current (100 Hz)	5 %
Mains frequency	0/50/60 Hz
Total harmonic distortion	≤ 15 %
Power factor λ	≥0.95
ECG efficiency	93.5 % [2)]
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Operating frequency	0/50/60 Hz
Power loss in stand-by mode	< 0.5 W
Flickering metric (Pst LM)	≤1

1) Permitted voltage range

2) Max value at full load 220...240V, 50Hz

Photometrical data

Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

Dimensions & Weight



Length	165.00 mm

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Width	30.00 mm
Height	21.00 mm
Product weight	102.00 g

Colors & materials

Casing material	CGCC
Body material	CGCC

Temperatures & operating conditions

Ambient temperature range	-25…+65 °C
Max.housing temperature in case of fault	110 °C
Temperature range in operation	-25…+65 °C
Permitted rel. humidity during operation	10…90 %

Lifespan

ECG lifetime	100000 h / 50000 h [1)]
Number of switching cycles	100000

1) at Tc=75 ℃ / at Tcmax=90 ℃

Capabilities

Dimmable	No
Overheating protection	Yes
Suitable for fixtures with prot. class	I

Certificates & Standards

Standards	CE / EAC / UKCA / ENEC / CB
Protection class	I
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-25…+85 °C

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Disconnect mains before installation.
- Do not open enclosure-housing.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	DRL DS P

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	Documents and certificates	Document name
PDF	Legal information	DR DS-SENS- SF FL
PDF	Declarations of conformity	DRL DS P
PDF	Declarations of conformity UKCA	DRL DS P

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854615580	Unpacked 1			
4099854615597	Shipping box 20	185 mm x 165 mm x 125 mm	2227.00 g	3.82 dm^3

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.

DISCLAIMER

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

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