

LEDENVO PLUS LED ST 180W

LED street lights



Areas of application

- City roads, industrial roads, parking lots
- Streets

Product benefits

- Flexible power options: 70W...270W for different field of application
- Easy to install, easy to maintain
- Robust mechanical design for extreme outdoor conditions
- Environmental friendly: No hazardous materials

Product features

- Long lifetime: up to 50,000 h
- High module efficacy: up to 140 lm/W
- Professional optical design: best use of light to the target area while not creating glare to driver and environment
- Type of protection: IP66



IP 66



Product family datasheet

Technical data

| Product description | Electrical data | | | | | | Photometrical data | |
|------------------------------|-----------------|-----------------|----------------|-----------------|----------------|-----------------|--------------------------|-------------------|
| | Operating mode | Nominal wattage | Connected load | Nominal voltage | Supply voltage | Mains frequency | Color temperature [AGMP] | Color temperature |
| LEDENVO PLUS LED ST 180W 730 | ECG | 180 W | 180 W | 220...240 V | 220...240 V | 50/60 Hz | 3000 K | 3000 K |
| LEDENVO PLUS LED ST 180W 740 | ECG | 180 W | 180 W | 220...240 V | 220...240 V | 50/60 Hz | 4000 K | 4000 K |
| LEDENVO PLUS LED ST 180W 757 | ECG | 180 W | 180 W | 220...240 V | 220...240 V | 50/60 Hz | 5700 K | 5700 K |

| Product description | Light technical data | | | Dimensions & weight | | | Colors & materials | | |
|------------------------------|----------------------|---------------------------------|--------------------------|---------------------|--------------------|----------|--------------------|----------|-------------------|
| | Luminous flux | Color rendering index Ra [AGMP] | Color rendering index Ra | Beam angle | Light distribution | Length | Width | Height | Body material |
| LEDENVO PLUS LED ST 180W 730 | 22500 lm | >70 | >70 | 145 x 65 ° | asymmetric | 923.0 mm | 279.0 mm | 128.0 mm | diecast aluminium |
| LEDENVO PLUS LED ST 180W 740 | 24300 lm | >70 | >70 | 145 x 65 ° | asymmetric | 923.0 mm | 279.0 mm | 128.0 mm | diecast aluminium |
| LEDENVO PLUS LED ST 180W 757 | 24300 lm | >70 | >70 | 145 x 65 ° | asymmetric | 923.0 mm | 279.0 mm | 128.0 mm | diecast aluminium |

| Product description | Product color | Cover material | Temperatures & operating conditions | Capabilities | Certificates & standards | | Country specific categorizations |
|------------------------------|--------------------------|----------------|-------------------------------------|----------------------|------------------------------------------|--------------------|----------------------------------|
| | | | Ambient temperature range | Type of installation | Protection class | Type of protection | Order reference |
| LEDENVO PLUS LED ST 180W 730 | metallic grey (RAL 9006) | PC | -30...+50 °C | side-entry | insulation class I (protective earthing) | IP66 | LEDENVO PLUS LE |
| LEDENVO PLUS LED ST 180W 740 | metallic grey (RAL 9006) | PC | -30...+50 °C | side-entry | insulation class I (protective earthing) | IP66 | LEDENVO PLUS LE |

Product family datasheet

| Product description | Product color | Cover material | Temperatures & operating conditions | Capabilities | Certificates & standards | | Country specific categorizations |
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Application advice

For more detailed application information and graphics please see product datasheet.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|------------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4052899459052 | LEDENVO PLUS LED ST 180W 730 | Shipping carton box 1 | 980 mm x 355 mm x 190 mm | 66.10 dm ³ | 8735.00 g |
| 4052899459069 | LEDENVO PLUS LED ST 180W 740 | Shipping carton box 1 | 980 mm x 355 mm x 190 mm | 66.10 dm ³ | 8735.00 g |
| 4052899459076 | LEDENVO PLUS LED ST 180W 757 | Shipping carton box 1 | 980 mm x 355 mm x 190 mm | 66.10 dm ³ | 8735.00 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.

Disclaimer

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