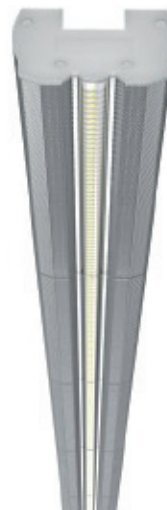


## LED Linear Economy

### Application

LED Linear Economy lighting fixture is suitable for:

- > supermarkets
- > retail stores
- > offices
- > workshops
- > parkings



### Advantages:

- High luminous efficiency of 150 lm/W
- Easy and quick installation
- Work independently as a rail
- Modular design for flexibility
- Pendant mounting
- Immunity according to standard
- Power factor  $\geq 0.95$
- Quality in accordance to all EU standards and directive

### ADVANTAGES OF ELECTROSTART

- EU based company
- Long experience in the field of lighting and components
- Experience with customers in more than 40 countries
- Excellent customer service
- Projects based on customer needs
- Products manufactured in EU
- Warranty on most products 5 Years

### Electrical characteristics

|                         |                       |
|-------------------------|-----------------------|
| Supply voltage          | 220-240VAC            |
| Frequency               | 50/60Hz               |
| Power factor            | $\geq 0.95$           |
| LED driver type         | Constant current (CC) |
| Power select            | 34 / 42 / 50 / 60W    |
| CCT select              | 3 CCT                 |
| Energy efficiency class | C                     |

### Protection

|                    |                         |
|--------------------|-------------------------|
| Ingress protection | IP40                    |
| Safety             | Class II                |
| Surge protection   | L-N: 1kV; L, N-GND: 2kV |

### Warranty conditions

|                                   |                                                              |
|-----------------------------------|--------------------------------------------------------------|
| Lifespan of the LEDs<br>@ Ta 25°C | L70B50 -> 100 000h<br>L80B20 -> 50 000h<br>L90B10 -> 30 000h |
| Switching cycles                  | -> 100 000 times                                             |
| Warranty                          | 5 Y                                                          |
| Ambient temperature               | 0 ~ 30°C                                                     |
| Approvals                         | CE                                                           |

### Lighting characteristics

|                                 |                   |
|---------------------------------|-------------------|
| Efficiency                      | 150 lm/W          |
| Color rendering index (CRI)     | >80               |
| Color temperature (CCT)         | 3000K/4000K/6500K |
| LED type                        | SMD 2835          |
| Recommended installation height | 2-4m              |
| Flicker                         | Flicker free      |

### Body characteristics

|                |                                           |
|----------------|-------------------------------------------|
| Housing        | Aluminum                                  |
| Optic          | PC                                        |
| Housing finish | Electrostatic polyester<br>Powder coating |
| Protector      | PC (with integrated lenses)               |
| Beam angle     | 60°/90°/110°                              |
| Standard color | RAL 9010, white                           |

### Standards

|                           |             |
|---------------------------|-------------|
| Harmonics                 | EN6100-3-2  |
| Flicker & fluctuations    | EN6100-3-3  |
| EMC immunity              | EN61547     |
| Emission tests            | EN55015     |
| Luminaires                | EN60598-1   |
| LED Luminaire performance | EN62722-2-1 |
| Photobiological safety    | EN62471     |

