# CoreLine Projector – The clear choice for LED

## CoreLine Projector

The CoreLine Projector range of luminaires is designed to replace halogen and CDM-standard-based projectors. Their clean lines and attractive TCO help customers to make the switch to LED. These luminaires create a natural lighting effect for use in accent lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install on a standard track or by means of a surface-mount connector.

**Benefits**
- Reduced operating costs thanks to energy savings and longer lifetime
- One-to-one replacement, facilitating the switch from conventional to LED luminaires
- Clean, simple finish ensures they blend discreetly into the store interior

**Features**
- Smooth black finish with matt aluminum swivel
- Available in 800 and 2400 lumen versions
- Energy-efficient: 70 lm/W
- Integrated driver and passive cooling
- Choice of color temperature: 3000 and 4000 K

**Application**
- Independent bakeries
- Independent butcher's stores
- Small grocery stores
- Small fashion stores

# CoreLine Projector

## Specifications

| | | | | |
|---|---|---|---|---|
| **Type** | ST120T (3C track version) | | **Average ambient temperature** | +25 ºC |
| | ST120C (surface mounted version) | | **Operating temperature range** | 0 to +35 ºC |
| **Light source** | Non-replaceable LED module | | **Driver** | Built-in |
| **Power** | 11 W (800 lm) | | **Mains voltage** | 230 or 240 V / 50-60 Hz |
| | 33 W (2400 lm) | | **Dimming** | No dimming |
| **Efficacy** | 70 lm/W | | **Material** | Housing: die-cast aluminum |
| **Beam angle** | 24º | | | Reflector: plastic |
| **Luminous flux** | 800 or 2400 lm | | | Optic: polycarbonate |
| **Correlated Color Temperature** | 3000 K (Warm white) | | **Color** | Black (BK) |
| | 4000 K (Neutral white) | | **Connection** | 3C track adapter |
| **Color Rendering Index** | 80 | | | Click Fix Surface Mounting bracket |
| **Median useful life L70B50** | 30,000 hours | | **Installation** | On 3-circuit track |
| **Median useful life L80B50** | 20,000 hours | | | Individual or in line; clicking the luminaire into pre-screwed ceiling brackets |
| **Median useful life L90B50** | 10,000 hours | | | Through-wiring not possible |

## Versions



24 °



24 °

## Product details



CoreLine_Projector-ST150T-1DPP.TIF



CoreLine_Projector-ST150T-2DPP.TIF

# CoreLine Projector

## Application conditions

| | |
|---|---|
| **Ambient temperature range** | -20 to +40 °C |
| **Maximum dimming level** | Not applicable |
| **Suitable for random switching** | No |

## Approval and application

| | |
|---|---|
| **Mech. impact protection code** | IK02 |
| **Ingress protection code** | IP20 |

## Controls and dimming

| | |
|---|---|
| **Dimmable** | No |

## Operating and electrical

| | |
|---|---|
| **Input Voltage** | 220-240 V |

## General information

| | |
|---|---|
| **CE mark** | CE mark |
| **Protection class IEC** | Safety class I (I) |
| **Driver included** | Yes |
| **ENEC mark** | – |
| **Flammability mark** | F |
| **Glow-wire test** | 650/5 |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |

## Initial performance (IEC compliant)

| | |
|---|---|
| **Init. Colour rendering index** | >80 |
| **Initial LED luminaire efficacy** | 90 lm/W |
| **Initial luminous flux** | 2200 lm |
| **Luminous flux tolerance** | +/-10% |
| **Initial input power** | 24 W |

## Over time performance (IEC compliant)

| | |
|---|---|
| **Driver failure rate at 5,000 hours** | 0.7 % |

## General information

| Order Code | Full Product Name | Beam angle of light source | Optic type |
|---|---|---|---|
| 79068499 | ST150T LED22S-23-/840 PSU BK | 24 ° | 24 |
| 79073899 | ST150T LED22S-36-/830 PSU WH | 36 ° | 36 |

## Initial performance (IEC compliant)

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Colour Temperature |
|---|---|---|---|
| 79068499 | ST150T LED22S-23-/840 PSU BK | (0.38, 0.38) SDCM<3 | 4000 K |

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2023, January 9 – data subject to change

# CoreLine Projector

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Colour Temperature |
|---|---|---|---|
| 79073899 | ST150T LED22S-36-/830 PSU WH | (0.43, 0.40) SDCM<3 | 3000 K |

## Mechanical and housing

| Order Code | Full Product Name | Colour | Order Code | Full Product Name | Colour |
|---|---|---|---|---|---|
| 79068499 | ST150T LED22S-23-/840 PSU BK | Black and black | 79073899 | ST150T LED22S-36-/830 PSU WH | White and black |