



# 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                  | ST150T                     |
| Light source          | Non-replaceable LED module |
| Power                 | 24.5 W (2200 lm)           |
| Efficacy              | 90 lm/W                    |
| Beam angle            | 24° or 36°                 |
| Luminous flux         | 2200 lm                    |
| Correlated Color      | 3000 K (Warm white)        |
| Temperature           | 4000 K (Neutral white)     |
| Color Rendering Index | 80                         |
| Median useful life    | 50,000 hours               |
| L70B50                |                            |
| Median useful life    | -                          |
| L80B50                |                            |
| Median useful life    | -                          |
| L90B50                |                            |

|                             |   |
|-----------------------------|---|
| Average ambient temperature | +25 °C                                    |
| Operating temperature range | -20 to +40 °C                             |
| Driver                      | Built-in                                  |
| Mains voltage               | 230 or 240 V / 50-60 Hz                   |
| Dimming                     | No dimming                                |
| Material                    | Housing: aluminum<br>Optic: polycarbonate |
| Color                       | White (WH) or Black (BK)                  |
| Connection                  | 3C track adapter                          |
| Installation                | With track adapter to 3C track            |

## Versions



24 °



24 °

## Product details



CoreLine\_Projector-  
ST150T-1DPP.TIF



CoreLine\_Projector-  
ST150T-2DPP.TIF

## Application Conditions

|                               |                |
|-------------------------------|----------------|
| Ambient temperature range     | -20 to +40 °C  |
| Maximum dim 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. Color Rendering Index    | >80     |
| Initial LED luminaire efficacy | 90 lm/W |
| Initial luminous flux          | 2200 lm |
| Luminous flux tolerance        | +/-10%  |
| Initial input power            | 24 W    |

## General Information

| Order Code | Full Product Name            | Beam angle of light source | Optic type |
|------------|------------------------------|----------------------------|------------|
| 79067799   | ST150T LED22S-23-/830 PSU BK | 24 °                       | 24         |
| 79068499   | ST150T LED22S-23-/840 PSU BK | 24 °                       | 24         |
| 79071499   | ST150T LED22S-36-/830 PSU BK | 36 °                       | 36         |
| 79072199   | ST150T LED22S-36-/840 PSU BK | 36 °                       | 36         |
| 79069199   | ST150T LED22S-23-/830 PSU WH | 24 °                       | 24         |
| 79070799   | ST150T LED22S-23-/840 PSU WH | 24 °                       | 24         |
| 79073899   | ST150T LED22S-36-/830 PSU WH | 36 °                       | 36         |
| 79074599   | ST150T LED22S-36-/840 PSU WH | 36 °                       | 36         |

## Initial Performance (IEC Compliant)

| Order Code | Full Product Name            | Initial chromaticity | Init. Corr. Color Temperature |
|------------|------------------------------|----------------------|-------------------------------|
| 79067799   | ST150T LED22S-23-/830 PSU BK | (0.43, 0.40) SDCM<3  | 3000 K                        |
| 79068499   | ST150T LED22S-23-/840 PSU BK | (0.38, 0.38) SDCM<3  | 4000 K                        |
| 79071499   | ST150T LED22S-36-/830 PSU BK | (0.43, 0.40) SDCM<3  | 3000 K                        |
| 79072199   | ST150T LED22S-36-/840 PSU BK | (0.38, 0.38) SDCM<3  | 4000 K                        |

| Order Code | Full Product Name            | Initial chromaticity | Init. Corr. Color Temperature |
|------------|------------------------------|----------------------|-------------------------------|
| 79069199   | ST150T LED22S-23-/830 PSU WH | (0.43, 0.40) SDCM<3  | 3000 K                        |
| 79070799   | ST150T LED22S-23-/840 PSU WH | (0.38, 0.38) SDCM<3  | 4000 K                        |
| 79073899   | ST150T LED22S-36-/830 PSU WH | (0.43, 0.40) SDCM<3  | 3000 K                        |
| 79074599   | ST150T LED22S-36-/840 PSU WH | (0.38, 0.38) SDCM<3  | 4000 K                        |

## Mechanical and Housing

| Order Code | Full Product Name            | Color           |
|------------|------------------------------|-----------------|
| 79067799   | ST150T LED22S-23-/830 PSU BK | Black and black |
| 79068499   | ST150T LED22S-23-/840 PSU BK | Black and black |
| 79071499   | ST150T LED22S-36-/830 PSU BK | Black and black |
| 79072199   | ST150T LED22S-36-/840 PSU BK | Black and black |

| Order Code | Full Product Name            | Color           |
|------------|------------------------------|-----------------|
| 79069199   | ST150T LED22S-23-/830 PSU WH | White and black |
| 79070799   | ST150T LED22S-23-/840 PSU WH | White and black |
| 79073899   | ST150T LED22S-36-/830 PSU WH | White and black |
| 79074599   | ST150T LED22S-36-/840 PSU WH | White and black |

