# CoreLine Projector

## ST150T LED22S-23-/840 PSU BK

CoreLine Projector, 24 W, 2200 lm, 4000 K, Beam angle 24°, Black and black

The CoreLine Projector is designed to replace halogen and CDM-standard-based projectors for retail and hospitality applications. This track-based luminaire supports retailers to let their products stand out, or highlight certain objects. The clean design with integrated driver, and choice in 23 or 36 degree beam angle makess the CoreLine Projector relevant to many applications.

## Product data

### General Information

| | |
|---|---|
| Light source replaceable | No |
| Number of gear units | Unit |
| Driver included | Yes |
| Lighting Technology | LED |
| Value ladder | Value |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | – |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |

### Light Technical

| | |
|---|---|
| Luminous Flux | 2,200 lm |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 90 lm/W |

| | |
|---|---|
| Colour rendering index (CRI) | >80 |
| Beam angle of light source | 24 degree(s) |
| Light source colour | 840 neutral white |
| Optic type | Beam angle 24° |
| Luminaire light beam spread | 24° |
| Unified Glare Rating (CEN) | Not applicable |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | – W |
| Average CLO power consumption | 24 W |
| End CLO power consumption | – W |
| Inrush current | 8.7 A |
| Inrush time | 125 ms |
| Power Consumption | 24 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Feed-through connector 3-pole |

# CoreLine Projector

| | |
|---|---|
| Cable | – |
| Number of products on MCB of 16 A type B | 40 |

## Temperature

| | |
|---|---|
| Ambient temperature range | –20 to +40 °C |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | – |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing material | Aluminium |
| Reflector material | – |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | – |
| Housing Colour | Black and black |
| Optical cover/lens finish | Textured |
| Overall length | 0 mm |
| Overall width | 180 mm |
| Overall height | 159 mm |
| Overall diameter | 85 mm |
| Dimensions (height x width x depth) | 159 x 180 x 0 mm |

## Approval and Application

| | |
|---|---|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | – |
| Protection class IEC | Safety class I |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM<3 |
| Power consumption tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Driver failure rate at 5,000 hours | 0.7 % |
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L70 |

## Application Conditions

| | |
|---|---|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | No |

## Product Data

| | |
|---|---|
| Order product name | ST150T LED22S-23-/840 PSU BK |
| Full product name | ST150T LED22S-23-/840 PSU BK |
| Full EOC | 871869979068499 |
| Order code | 79068499 |
| Material no. (12 NC) | 912401483218 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699790684 |
| Numerator – packs per outer box | 6 |
| EAN/UPC – Case | 8718699790769 |

## Dimensional drawing

www.lighting.philips.com

2023, April 15 – data subject to change