CoreLine Projector – When lighting really matters

CoreLine Projector

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.

Benefits
- Reduced operating costs thanks to energy savings and longer lifetime
- One to one replacement to conventional CDM-standard-based projectors
- Clean, simple finish ensures CoreLine Projector blends in to many interior designs

Features
- Unobtrusive design in white or black finish
- 23 or 36 degree beam angle with 2200 lm light output
- Energy-efficient: 90 lm/W
- Integrated driver and uniform track adaptor
- Color temperature 3000 or 4000 K

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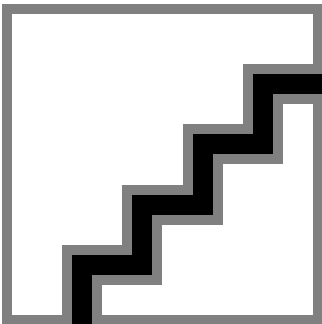- Small grocery stores
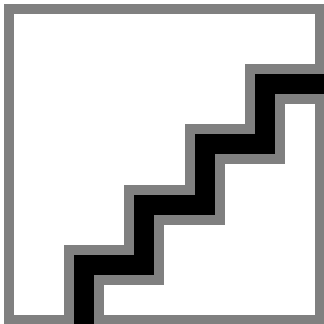- Small fashion stores

Specifications

CoreLine Projector

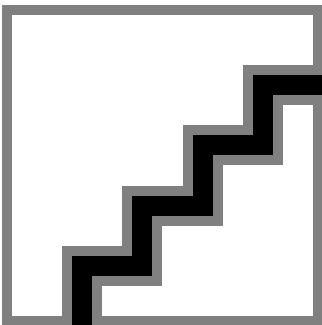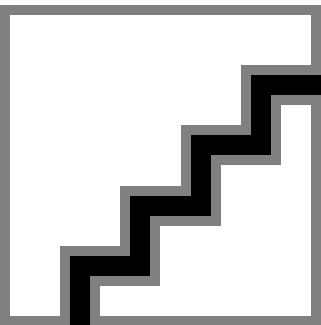|				
Type	ST150T		**Average ambient temperature**	+25 ºC
Light source	Non-replaceable LED module		**Operating temperature range**	–20 to +40 ºC
Power	24.5 W (2200 lm)		**Driver**	Built-in
Efficacy	90 lm/W		**Mains voltage**	230 or 240 V / 50–60 Hz
Beam angle	24º or 36º		**Dimming**	No dimming
Luminous flux	2200 lm		**Material**	Housing: aluminum
Correlated Color	3000 K (Warm white)			Optic: polycarbonate
Temperature	4000 K (Neutral white)		**Color**	White (WH) or Black (BK)
Color Rendering Index	80		**Connection**	3C track adapter
Median useful life L70B50	50,000 hours		**Installation**	With track adapter to 3C track
Median useful life L80B50	–			
Median useful life L90B50	–			

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 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
Driver included	Yes
ENEC mark	–
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
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

Over time performance (IEC compliant)

Driver failure rate at 5000 h	0.7 %

General information

Order Code	Full Product Name	Beam angle of light source	Optic type
912401483217	ST150T LED22S-23-/830 PSU BK	24 °	Beam angle 24°
912401483218	ST150T LED22S-23-/840 PSU BK	24 °	Beam angle 24°
912401483221	ST150T LED22S-36-/830 PSU BK	36 °	Beam angle 36°
912401483222	ST150T LED22S-36-/840 PSU BK	36 °	Beam angle 36°
912401483219	ST150T LED22S-23-/830 PSU WH	24 °	Beam angle 24°
912401483220	ST150T LED22S-23-/840 PSU WH	24 °	Beam angle 24°
912401483223	ST150T LED22S-36-/830 PSU WH	36 °	Beam angle 36°
912401483224	ST150T LED22S-36-/840 PSU WH	36 °	Beam angle 36°

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature
912401483217	ST150T LED22S-23-/830 PSU BK	(0.43, 0.40) SDCM<3	3000 K
912401483218	ST150T LED22S-36-/840 PSU BK	(0.38, 0.38) SDCM<3	4000 K
912401483221	ST150T LED22S-36-/830 PSU BK	(0.43, 0.40) SDCM<3	3000 K
912401483222	ST150T LED22S-36-/840 PSU BK	(0.38, 0.38) SDCM<3	4000 K

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature
912401483219	ST150T LED22S-23-/830 PSU WH	(0.43, 0.40) SDCM<3	3000 K
912401483220	ST150T LED22S-23-/840 PSU WH	(0.38, 0.38) SDCM<3	4000 K
912401483223	ST150T LED22S-36-/830 PSU WH	(0.43, 0.40) SDCM<3	3000 K
912401483224	ST150T LED22S-36-/840 PSU WH	(0.38, 0.38) SDCM<3	4000 K

Mechanical and housing

CoreLine Projector

Order Code	Full Product Name	Color	Order Code	Full Product Name	Color
912401483217	ST150T LED22S-23-/830 PSU BK	Black and black	912401483219	ST150T LED22S-23-/830 PSU WH	White and black
912401483218	ST150T LED22S-23-/840 PSU BK	Black and black	912401483220	ST150T LED22S-23-/840 PSU WH	White and black
912401483221	ST150T LED22S-36-/830 PSU BK	Black and black	912401483223	ST150T LED22S-36-/830 PSU WH	White and black
912401483222	ST150T LED22S-36-/840 PSU BK	Black and black	912401483224	ST150T LED22S-36-/840 PSU WH	White and black

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2023, January 9 – data subject to change