



# **CoreLine Projector gen2**

## ST151T LED30S/930 MB BK

CoreLine Projector gen2, Track-mounted, 30 W, D80 mm, 3000 lm, 3000 K, CRI>90, Medium beam, Black

The well-known CoreLine Projector with its latest generation has undergone important design and performance improvement, raising the bar even higher and setting a new standard for track projectors used in retail and hospitality applications.

#### **Warnings and Safety**

- The luminaire should be mounted outside of arm's reach
- The luminaire should be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements

#### **Product data**

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years
Sustainability rating	-
Light Technical	
Luminous Flux	3,000 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	25 degree(s)
Light source color	930 warm white
Optic type	Medium beam
Luminaire light beam spread	25°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	30 W
Average CLO power consumption	30 W

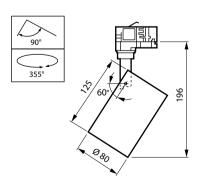
Datasheet, 2025, March 19 data subject to change

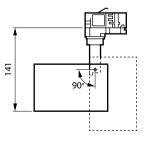
# **CoreLine Projector gen2**

Inrush current 43.8 A Inrush time 0.0115 ms Power Consumption 30 W Power Factor (Fraction) 0.9 Connection 3C Track Cable - Number of products on MCB of 16 A type B 30 Suitable for random switching No Protection class IEC Safety class I Total harmonic distortion 20 %  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Maximum dim level Not applicable  Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Fixation material - Housing Color Black Optical cover finish - Overall length 207 mm Overall width 87 mm Overall diameter 80 mm Dimensions (Height x Width x Depth) 125 x 87 x 207 mm Ingress protection code IP20 [Finger-protected] IkO3 [0.3 J] Net Weight (Piece) 15 mm Oslow-wire test Temperature 650 °C, duration 30 s Flammability mark -		
Power Consumption 30 W Power Factor (Fraction) 0.9 Connection 3c Track Cable - Number of products on MCB of 16 A type B 30 Suitable for random switching No Protection class IEC Safety class I Total harmonic distortion 20 %  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Maximum dim level Not applicable  Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polycarbonate Fixation material - Housing Color Black Optical cover finish - Overall length 207 mm Overall width 87 mm Overall width 87 mm Overall diameter 80 mm Dimensions (Height x Width x Depth) 125 x 87 x 207 mm Ingress protection code IP20 [Finger-protected] Mech. impact protection code IK03 [0.3 J] Net Weight (Piece) 0.510 kg	Inrush current	43.8 A
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Number of products on MCB of 16 A type B  Suitable for random switching  Protection class IEC  Safety class I  Total harmonic distortion  20 %  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Constant light output  No  Maximum dim level  Not applicable  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Polycarbonate  Fixation material  -  Optical cover finish  Overall length  Overall length  Overall width  Roverall width  Roverall diameter  Dimensions (Height x Width x Depth)  Ingress protection code  Mech. impact protection code  No  Approval and Application  Glow-wire test  Temperature 650 °C, duration 30 s	Connection	3C Track
Suitable for random switching Protection class IEC Safety class I Total harmonic distortion 20 %  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Maximum dim level Not applicable  Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optical cover material Polycarbonate Fixation material Polycarbonate Fixation material - Housing Color Black Optical cover finish Overall length Overall width 87 mm Overall width 87 mm Overall diameter 80 mm Dimensions (Height x Width x Depth) Ingress protection code IP20 [Finger-protected] Mech. impact protection code IRO3 [0.3 J] Net Weight (Piece) Temperature 650 °C, duration 30 s	Cable	-
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Constant light output  Maximum dim level  Not applicable  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Polycarbonate  Fixation material  Housing Color  Black  Optical cover finish  Overall length  Overall width  87 mm  Overall width  125 mm  Overall diameter  Bo mm  Dimensions (Height x Width x Depth)  Ingress protection code  Net Weight (Piece)  Not applicable  Not applicable  Aluminum  Polycarbonate  Polycarbonate  Flack  Optical cover material  -  207 mm  207 mm  125 mm  Overall diameter  80 mm  Dimensions (Height x Width x Depth)  Ingress protection code  IRO3 [0.3 J]  Net Weight (Piece)  O.510 kg  Approval and Application  Glow-wire test  Temperature 650 °C, duration 30 s	Dimmable	No
Maximum dim level  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Housing Color  Black  Optical cover finish  Overall length  Overall width  Overall height  Dimensions (Height x Width x Depth)  Ingress protection code  Net Weight (Piece)  Approval and Application  Glow-wire test  Aluminum	Driver/power unit/transformer	Power supply unit (On/Off)
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Optical cover material  Optical cover material  Polycarbonate  Fixation material  Housing Color  Black  Optical cover finish  Overall length  Overall width  S7 mm  Overall height  125 mm  Overall diameter  80 mm  Dimensions (Height x Width x Depth)  Ingress protection code  IP20 [Finger-protected]  Mech. impact protection code  Net Weight (Piece)  Optical cover material  Polycarbonate  Polycar	Housing Material	Aluminum
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Housing Color  Optical cover finish  Overall length  Overall width  Overall height  Overall diameter  Overall diameter  Dimensions (Height x Width x Depth)  Ingress protection code  Mech. impact protection code  IKO3 [0.3 J]  Net Weight (Piece)  Approval and Application  Glow-wire test  Black  B	Optical cover material	Polycarbonate
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<b>Glow-wire test</b> Temperature 650 °C, duration 30 s	Net Weight (Piece)	0.510 kg
<b>Glow-wire test</b> Temperature 650 °C, duration 30 s		
	Approval and Application	
Flammability mark -	Glow-wire test	Temperature 650 °C, duration 30 s
	Flammability mark	-

CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4355, 0.4045) SDCM <4
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤4
(McAdam ellipse)	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	L70
median useful life* 50000 h	
Product Data	
Order product name	ST151T LED30S/930 MB BK
Full product name	ST151T LED30S/930 MB BK
Full product code	871951452855099
Order code	911401846582
Material Nr. (12NC)	911401846582
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514528550
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514528635

### Dimensional drawing





## CoreLine Projector gen2



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