

# CoreLine Trunking Gen2

## LL234X 160S/840 2x PSD WB 7x2.5

LL234X | Coreline Trunking Gen2 - 160S | LED module, system flux 16000 lm - Power supply unit with DALI interface - Wide beam - 84° x 84°

CoreLine Trunking Gen2 is a light-line system that is designed for simplicity. It comes in a choice of lengths, flux packages and beam shapes to suit every project and application. Easy to use and integrate with spots and sensors, CoreLine Trunking Gen2 provides consistent, high-quality lighting with added protection against accidental water ingress. The innovative system is also easy to assemble and install for faster retrofits and refurbishments.

### Product data

General Information		Operating and Electrical	
Lamp family code	160S [LED module, system flux 16000 lm]	Luminous Efficacy (rated) (Nom)	160 lm/W
Light source replaceable	No	Color rendering index (CRI)	>80
Number of gear units	2 units	Beam angle of light source	120 degree(s)
Driver included	Yes	Light source color	840 neutral white
Service tag	Yes	Optic type	Wide beam
Product family code	LL234X [Coreline Trunking Gen2]	Luminaire light beam spread	84° x 84°
Lighting Technology	LED	Unified glare rating CEN	22
Value ladder	Value		
Light Technical			
Luminous Flux	16,000 lumen	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 to 60 Hz
		Input Frequency	50 to 60 Hz
		Initial CLO power consumption	- W

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Average CLO power consumption	- W
Power Consumption	100 W
Inrush current	25.1 A
Inrush time	0.214 ms
Power Factor (Fraction)	0.95
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	10

## Temperature

Ambient temperature range	-20 to +35 °C
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## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

## Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL9016
Optical cover/lens finish	Frosted
Overall length	3,400 mm
Overall width	80 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 80 x 3400 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
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-

CE mark	Yes
ENEC mark	ENEC plus mark
Warranty period	5 years
EU RoHS compliant	Yes

## 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)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance at median useful life* 50000 h	L85
Lumen maintenance at median useful life* 100000 h	L75

## Application Conditions

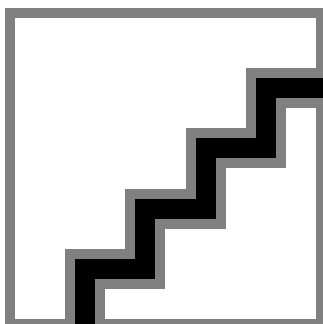
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

## Product Data

Full product code	871951410811000
Order product name	LL234X 160S/840 2x PSD WB 7x2.5
Order code	910925867554
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910925867554
Full product name	LL234X 160S/840 2x PSD WB 7x2.5
EAN/UPC - Case	8719514108110



## Dimensional drawing



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