



CoreLine Trunking Gen2

LL234X 240S/840 2x PSD WB 7x2.5 HE

LL234X | Coreline Trunking Gen2 - 240S | LED module, system flux 24000 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	240S [LED module, system flux 24000 lm]	Luminous Efficacy (rated) (Nom)	152 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	24,000 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	158 W
Inrush current	10 A
Inrush time	0.036 ms
Power Factor (Fraction)	0.95
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type B	9

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	L70

Application Conditions

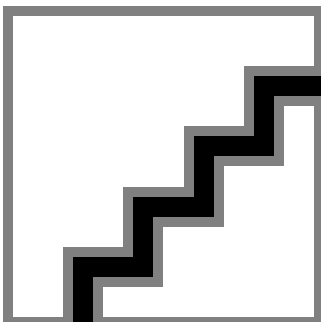
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871951410803500
Order product name	LL234X 240S/840 2x PSD WB 7x2.5 HE
Order code	910925867546
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910925867546
Full product name	LL234X 240S/840 2x PSD WB 7x2.5 HE
EAN/UPC - Case	8719514108035



Dimensional drawing



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