



# CoreLine Trunking Gen2

## LL234X 160S/840 1x PSD WB 7x1.5

Coreline Trunking Gen2 – 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	
Beam angle of light source	120 °	Glow-wire test	850/30 [ Temperature 850 °C, duration 30 s]
Light source colour	840 neutral white	Flammability mark	NO [ -]
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC plus mark
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Warranty period	5 years
Driver included	Yes	Constant light output	No
Optic type	WB [ Wide beam]	Number of products on MCB (16 A type B)	16
Luminaire light beam spread	84° x 84°	EU RoHS compliant	Yes
Control interface	DALI	Product family code	LL234X [ Coreline Trunking Gen2]
Connection	CU7 [ Connection unit 7-pole]	Unified glare rating CEN	22
Cable	-		
Protection class IEC	Safety class I (I)	Input Voltage	220 to 240 V
		Input frequency	50 to 60 Hz

## CoreLine Trunking Gen2

Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	5.1 A
Inrush time	0.760 ms
Power factor (min.)	0.95

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall length	3400 mm
Overall width	80 mm
Overall height	50 mm
Colour	White RAL9016
Dimensions (height x width x depth)	50 x 80 x 3400 mm (2 x 3.1 x 133.9 in)

### Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	16000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	163 lm/W
Init. Corr. Colour Temperature	4000 K

Init. Colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	98 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

### Application Conditions

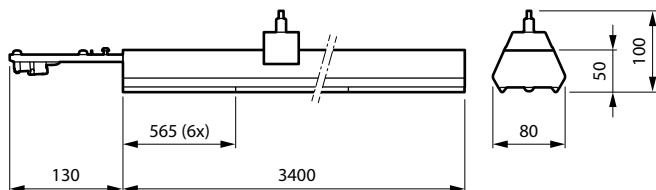
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes (relates to presence/movement detection and daylight harvesting)

### Product Data

Full product code	871951419921700
Order product name	LL234X 160S/840 1x PSD WB 7x1.5
EAN/UPC – product	8719514199217
Order code	19921700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925868205
SAP net weight (piece)	5.250 kg



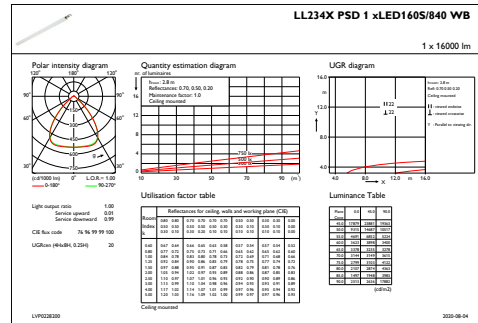
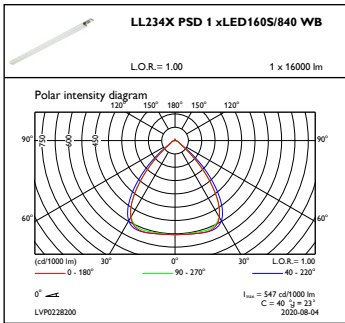
## Dimensional drawing



Coreline Trunking Gen2 electr. units LL212X-LL234X

# CoreLine Trunking Gen2

## Photometric data



OFPC1\_LL234XPSD1xLED160S840WB

IFGU1\_LL234XPSD1xLED160S840WB

