



# CoreLine trunking gen2.5

## LL242X 80S/840 UE DIA WB 7x1.5 WH

CoreLine trunking gen2.5, UltraEfficient, 43 W, L1700 mm, 8000 lm, 4000 K, DALI, Interact Ready, Wide beam, Frosted, White, IP20

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		Light source colour	
Number of gear units	Unit	Light source colour	840 neutral white
Driver included	Yes	Optic type	Wide beam
Value ladder	Performance	Luminaire light beam spread	84° x 84°
Warranty period	5 years	Unified Glare Rating (CEN)	22
Sustainability rating	Unclassified	<b>Operating and Electrical</b>	
<b>Light Technical</b>		Input Voltage	220 to 240 V
Luminous Flux	8,000 lm	Line Frequency	50 to 60 Hz
Correlated Colour Temperature (Nom)	4000 K	Initial CLO power consumption	- W
Luminous efficacy (rated) (nom.)	186 lm/W	Average CLO power consumption	- W
Colour rendering index (CRI)	>80	Inrush current	20.9 A
Beam angle of light source	120 degree(s)	Inrush time	192 ms
		Power Consumption	43 W

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Power Factor (Fraction)	0.94
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB (16 A type B)	29
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready

### Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Frosted
Overall length	1,700 mm
Overall width	80 mm
Overall height	50 mm
Dimensions (height x width x depth)	50 x 80 x 1700 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	3.010 kg

### Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-

CE mark	Yes
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +35 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

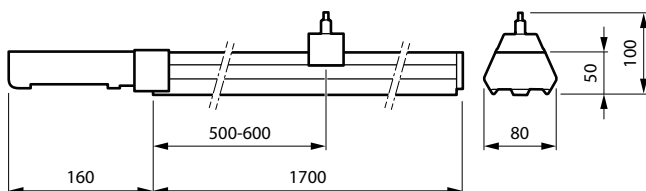
### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

### Product Data

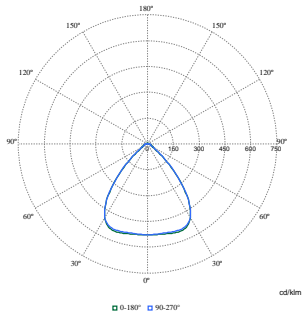
Order product name	LL242X 80S/840 UE DIA WB 7x1.5 WH
Full product name	LL242X 80S/840 UE DIA WB 7x1.5 WH
Full EOC	872016947451200
Order code	910925870125
Material no. (12 NC)	910925870125
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169474512
Numerator – packs per outer box	1
EAN/UPC - Case	8720169474512
Product family code	LL242X [Coreline trunking Gen2.5]

## Dimensional drawing



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## Photometric data



Polar Normal (separate) - LL240XI - 910925870125

