



# CoreLine trunking gen2.5

## LL242X 45S/840 UE PSU WB 5x1.5 WH

CoreLine trunking gen2.5, 23.5 W, L1700 mm, 4500 lm, 4000 K, 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		Operating and Electrical	
Number of gear units	1 unit	Luminaire light beam spread	84° x 84°
Driver included	Yes	Unified glare rating CEN	19
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
Sustainability rating	Unclassified	Initial CLO power consumption	- W
		Average CLO power consumption	- W
		Inrush current	27.2 A
		Inrush time	157 ms
		Power Consumption	23.5 W
		Power Factor (Fraction)	0.98
		Connection	Connection unit 5-pole
		Cable	-
		Number of products on MCB of 16 A type B	24
Light Technical			
Luminous Flux	4,500 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	191 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white		
Optic type	Wide beam		

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Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

### Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover 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)	2.950 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

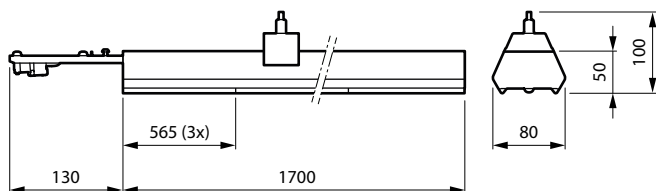
### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 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 45S/840 UE PSU WB 5x1.5 WH
Full product name	LL242X 45S/840 UE PSU WB 5x1.5 WH
Full product code	872016947450500
Order code	910925870124
Material Nr. (12NC)	910925870124
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474505
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474505
Product family code	LL242X [Coreline trunking Gen2.5]

## Dimensional drawing



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### Photometric data



Polar Normal (separate) - LL240XI - 910925870124

