



# CoreLine trunking gen2.5

## LL242X 80S/840 HE PSU WB 5x1.5 WH

CoreLine trunking gen2.5, 44 W, L1700 mm, 8000 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		Luminaire light beam spread	
Number of gear units	Unit		84° x 84°
Driver included	Yes	Unified Glare Rating (CEN)	22
Value ladder	Performance	<b>Operating and Electrical</b>	
Warranty period	5 years	Input Voltage	220 to 240 V
Sustainability rating	Unclassified	Line Frequency	50 to 60 Hz
<b>Light Technical</b>		Initial CLO power consumption	- W
Luminous Flux	8,000 lm	Average CLO power consumption	- W
Correlated Colour Temperature (Nom)	4000 K	Inrush current	27.2 A
Luminous efficacy (rated) (nom.)	182 lm/W	Inrush time	157 ms
Colour rendering index (CRI)	>80	Power Consumption	44 W
Beam angle of light source	120 degree(s)	Power Factor (Fraction)	0.98
Light source colour	840 neutral white	Connection	Connection unit 5-pole
Optic type	Wide beam	Cable	-
		Number of products on MCB (16 A type B)	24

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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/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)	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

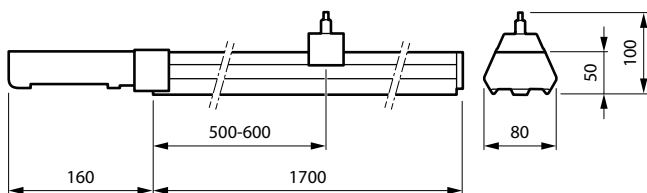
### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 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

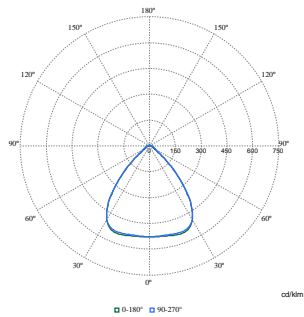
Order product name	LL242X 80S/840 HE PSU WB 5x1.5 WH
Full product name	LL242X 80S/840 HE PSU WB 5x1.5 WH
Full EOC	872016947452900
Order code	910925870126
Material no. (12 NC)	910925870126
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169474529
Numerator – packs per outer box	1
EAN/UPC - Case	8720169474529
Product family code	LL242X [Coreline trunking Gen2.5]

## Dimensional drawing



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### Photometric data



Polar Normal (separate) - LL240XI - 910925870126

