



# CoreLine trunking gen2.5

## LL243X 160S/840 UE PSU NB 5x1.5 WH

CoreLine trunking gen2.5, UltraEfficient, 82 W, L3400 mm, 16000 lm, 4000 K, Narrow 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	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	Unclassified
Light Technical	
Luminous Flux	16,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	195 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)

Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	35° x 71°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	22.5 A
Inrush time	30 ms
Power Consumption	82 W
Power Factor (Fraction)	0.98
Connection	Connection unit 5-pole

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Cable	-
Number of products on MCB of 16 A type B	23
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	3,400 mm
Overall width	80 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 80 x 3400 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	5.250 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

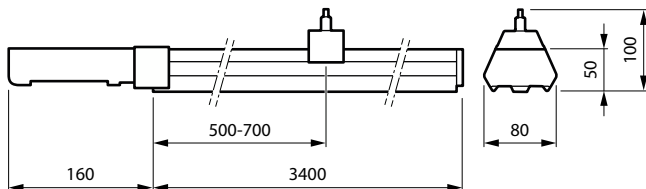
### Over Time Performance (IEC Compliant)

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

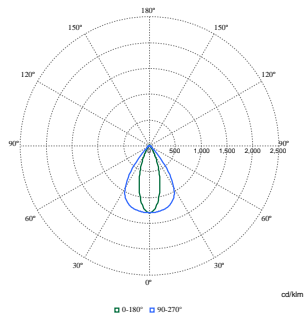
Order product name	LL243X 160S/840 UE PSU NB 5x1.5 WH
Full product name	LL243X 160S/840 UE PSU NB 5x1.5 WH
Full product code	872016947465900
Order code	910925870139
Material Nr. (12NC)	910925870139
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474659
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474659
Product family code	LL243X [Coreline trunking Gen2.5]

## Dimensional drawing



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## Photometric data



Polar Normal (separate) - LL240XI - 910925870139

