



# CoreLine trunking gen2.5

## LL243X 160S/840 UE PSU WB BV WH

CoreLine trunking gen2.5, Basic (stand alone) version, UltraEfficient, 82 W, L3400 mm, 16000 lm, 4000 K, Wide beam, Frosted, White, IP20

Basic (stand alone) version, UltraEfficient, L3400 mm, Steel, White, Traffic white (RAL9016), Power supply unit (On/Off), 16000 lm, 82 W, 195 lm/W, 4000 K, (0.38, 0.38) SDCM <3, Wide beam, Frosted, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Push-in connector 3-pole

### Product data

General Information		Unified glare rating CEN	
Number of gear units	1 unit	Unified glare rating CEN	22
Driver included	Yes	Operating and Electrical	
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
		Initial CLO power consumption	- W
		Average CLO power consumption	- W
		Inrush current	17.5 A
		Inrush time	21.5 ms
Light Technical		Power Consumption	82 W
Luminous Flux	16,000 lm	Power Factor (Fraction)	0.98
Correlated Color Temperature (Nom)	4000 K	Connection	Push-in connector 3-pole
Luminous Efficacy (rated) (Nom)	195 lm/W	Cable	-
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	24
Beam angle of light source	120 degree(s)	Suitable for random switching	Not applicable
Light source color	840 neutral white		
Optic type	Wide beam		
Luminaire light beam spread	84° x 84°		

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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)	4.780 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 %
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Control gear failure rate at median useful life 100000 h	10 %
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Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
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Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75
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### Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.

Embedded carbon (A1-A3)	32.3 kg CO <sub>2</sub> e
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Product non-virgin material ratio	14.6 %
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Recyclable content ratio of the finished product	55.7 %
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GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)
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GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kwh)
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Non-virgin material ratio of the packaging	Cardboard > 80% recycled
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Packaging Recyclable content ratio	Cardboard recycling rate > 80%
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Packaging Material	Cardboard
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### Product Data

Order product name	LL243X 160S/840 UE PSU WB BV WH
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Full product name	LL243X 160S/840 UE PSU WB BV WH
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Full product code	872016947472700
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Order code	47472700
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Material Nr. (12NC)	910925870146
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Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8720169474727
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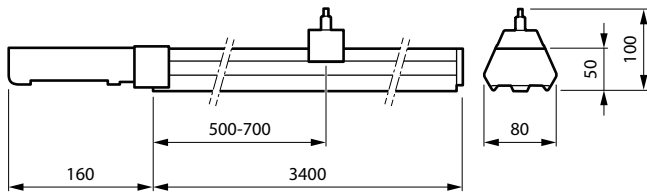
Numerator - Packs per outer box	1
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EAN/UPC - Case	8720169474727
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Product family code	LL243X [Coreline trunking Gen2.5]
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## CoreLine trunking gen2.5

### Dimensional drawing



### Photometric data



Polar Normal (separate) - LL240XI - 910925870146

