



CoreLine trunking gen2.5

LL243X 240S/840 HE PSU NB BV WH

CoreLine trunking gen2.5, Basic (stand alone) version, 132 W, L3400 mm, 24000 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		Optic type	
Number of gear units	2 units	Optic type	Narrow beam
Driver included	Yes	Luminaire light beam spread	35° x 71°
Value ladder	Performance	Unified glare rating CEN	22
Warranty period	5 years	Operating and Electrical	
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	24,000 lm	Line Frequency	50 to 60 Hz
Correlated Color Temperature (Nom)	4000 K	Initial CLO power consumption	- W
Luminous Efficacy (rated) (Nom)	182 lm/W	Average CLO power consumption	- W
Color rendering index (CRI)	>80	Inrush current	22.5 A
Beam angle of light source	120 degree(s)	Inrush time	30 ms
Light source color	840 neutral white	Power Consumption	132 W
		Power Factor (Fraction)	0.97

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Connection	Push-in connector 3-pole
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)	4.980 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
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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

Sustainability Data

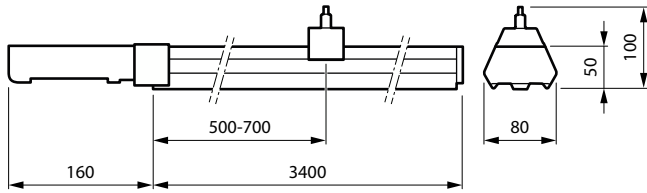
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	32.3 kg CO ₂ e
Product non-virgin material ratio	14.6 %
Recyclable content ratio of the finished product	55.7 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ 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 ₂ eq / kwh)

Product Data

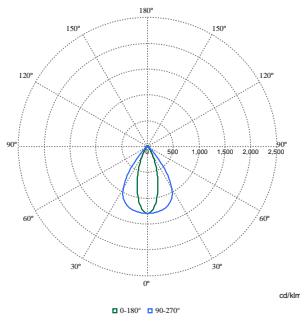
Order product name	LL243X 240S/840 HE PSU NB BV WH
Full product name	LL243X 240S/840 HE PSU NB BV WH
Full product code	872016947476500
Order code	910925870150
Material Nr. (12NC)	910925870150
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474765
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474765
Product family code	LL243X [Coreline trunking Gen2.5]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL240XI - 910925870150

