



CoreLine trunking gen2.5

LL242X 80S/840 NE DIA WB 7x1.5 WH

CoreLine trunking gen2.5, 50 W, L1700 mm, 8000 lm, 4000 K, DALI, Interact Ready, 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	1 unit	Luminaire light beam spread	84° x 84°
Driver included	Yes	Unified glare rating CEN	22
Value ladder	Performance	Operating and Electrical	
Warranty period	5 years	Input Voltage	220 to 240 V
Sustainability rating	Unclassified	Line Frequency	50 to 60 Hz
Light Technical		Initial CLO power consumption	- W
Luminous Flux	8,000 lm	Average CLO power consumption	- W
Correlated Color Temperature (Nom)	4000 K	Inrush current	20.9 A
Luminous Efficacy (rated) (Nom)	160 lm/W	Inrush time	192 ms
Color rendering index (CRI)	>80	Power Consumption	50 W
Beam angle of light source	120 degree(s)	Power Factor (Fraction)	0.99
Light source color	840 neutral white	Connection	Connection unit 7-pole
Optic type	Wide beam	Cable	-
		Number of products on MCB of 16 A type B	29

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

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready

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)	3.010 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

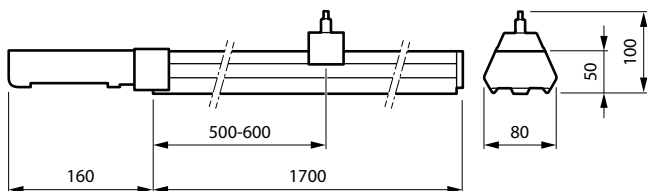
Over Time Performance (IEC Compliant)

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

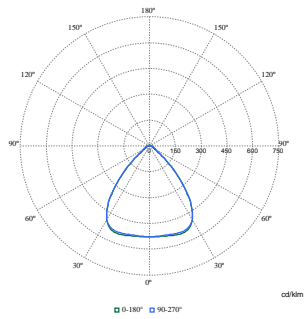
Order product name	LL242X 80S/840 NE DIA WB 7x1.5 WH
Full product name	LL242X 80S/840 NE DIA WB 7x1.5 WH
Full product code	872016947448200
Order code	910925870122
Material Nr. (12NC)	910925870122
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474482
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474482
Product family code	LL242X [Coreline trunking Gen2.5]

Dimensional drawing



CoreLine trunking gen2.5

Photometric data



Polar Normal (separate) - LL240XI - 910925870122

