



CoreLine trunking gen2.5

LL241X 80S/840 HE PSU WB 5x1.5 WH

CoreLine trunking gen2.5, 44.5 W, L1130 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		Sustainability Data	
Number of gear units	1 unit	Luminaire light beam spread	84° x 84°
Driver included	Yes	Unified glare rating CEN	22
Value ladder	Performance	Product non-virgin material ratio	14.4 %
Warranty period	5 years	GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
Sustainability rating	Unclassified	GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)
Light Technical			
Luminous Flux	8,000 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	180 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white		
Optic type	Wide beam		

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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	27.2 A
Inrush time	157 ms
Power Consumption	44.5 W
Power Factor (Fraction)	0.97
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	24
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	1,130 mm
Overall width	80 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 80 x 1130 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.230 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)

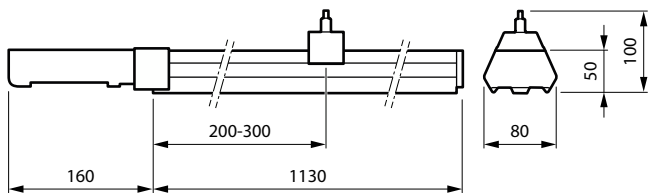
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

Product Data

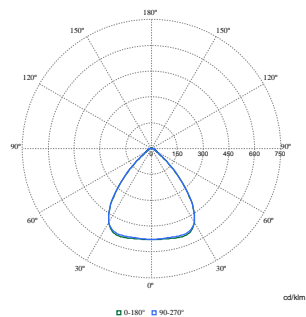
Order product name	LL241X 80S/840 HE PSU WB 5x1.5 WH
Full product name	LL241X 80S/840 HE PSU WB 5x1.5 WH
Full product code	872016947447500
Order code	910925870121
Material Nr. (12NC)	910925870121
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474475
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474475
Product family code	LL241X [Coreline trunking Gen2.5]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL240XI - 910925870121

