



# 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

L1130 mm, Steel, White, Traffic white (RAL9016), Power supply unit (On/Off), 8000 lm, 44.5 W, 180 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, Connection unit 5-pole

### Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Warranty period	5 years
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
Luminaire light beam spread	84° x 84°
Unified glare rating CEN	22

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 %

# CoreLine trunking gen2.5

## 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

## Sustainability Data

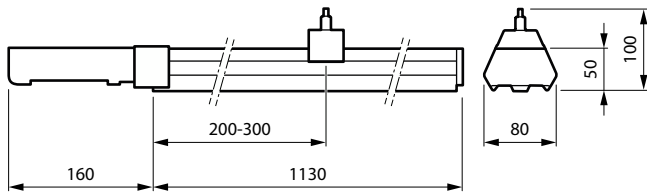
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	15.7 kg CO <sub>2</sub> e
Product non-virgin material ratio	14.4 %
Recyclable content ratio of the finished product	55.4 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared 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)
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)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

## 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	47447500
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]

## CoreLine trunking gen2.5

### Dimensional drawing



### Photometric data



Polar Normal (separate) - LL240XI - 910925870121

