



CoreLine trunking gen2.5

LL243X 160S/840 UE PSU WB 5x1.5 WH

CoreLine trunking gen2.5, UltraEfficient, 82 W, L3400 mm, 16000 lm, 4000 K, Wide beam, Frosted, White, IP20

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, 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	16,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	195 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	22.5 A
Inrush time	30 ms
Power Consumption	82 W
Power Factor (Fraction)	0.98
Connection	Connection unit 5-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 %

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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)	5.250 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 %
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

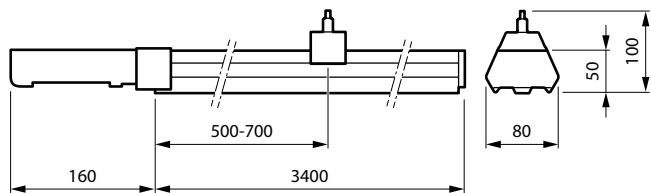
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	32.3 kg CO ₂ e
Product non-virgin material ratio	14.6 %
Recyclable content ratio of the finished product	55.7 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate 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)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

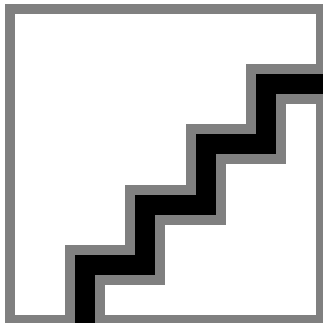
Order product name	LL243X 160S/840 UE PSU WB 5x1.5 WH
Full product name	LL243X 160S/840 UE PSU WB 5x1.5 WH
Full product code	872016947461100
Order code	47461100
Material Nr. (12NC)	910925870135
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474611
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474611
Product family code	LL243X [Coreline trunking Gen2.5]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL240XI - 910925870135

