



CoreLine trunking gen2.5

LL242X 120S/840 HE PSU O 5x1.5 WH

CoreLine trunking gen2.5, 65 W, L1700 mm, 11000 lm, 4000 K, Opal, Opal, White, IP20

L1700 mm, Steel, White, Traffic white (RAL9016), Power supply unit (On/Off), 11000 lm, 65 W, 169 lm/W, 4000 K, (0.38, 0.38) SDCM <3, Opal, Opal, 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	11,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	169 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Opal
Luminaire light beam spread	120° x 117°
Unified glare rating CEN	28

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	65 W
Power Factor (Fraction)	0.99
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 %

Controls and Dimming	
Dimmable	No

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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	Opal
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)	2.950 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

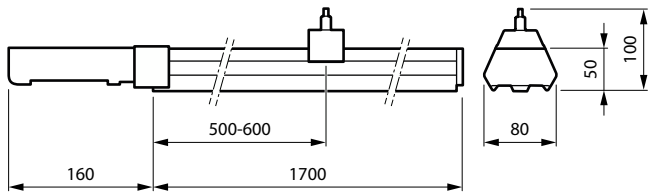
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	19.6 kg CO ₂ e
Product non-virgin material ratio	14.5 %
Recyclable content ratio of the finished product	55.9 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate 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	LL242X 120S/840 HE PSU O 5x1.5 WH
Full product name	LL242X 120S/840 HE PSU O 5x1.5 WH
Full product code	872016947456700
Order code	47456700
Material Nr. (12NC)	910925870130
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169474567
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169474567
Product family code	LL242X [Coreline trunking Gen2.5]

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL240XI - 910925870130

