PHILIPS

Lighting



CoreLine Trunking

LL121X LED80S/840 1x PSU MB 5 WH

CoreLine Trunking - 3 pcs - LED Module, system flux 8000 lm - Power supply unit - Medium beam - - - 5 conductors - - - Feed-through wiring 5-phase - Ceiling-mounting bracket - White - - - -

Whether for a new facility or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Trunking range of LED products can be used to replace general lighting. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

General Information	
Number of light sources	3 pcs
Lamp family code	LED80S [LED Module, system flux 8000 lm]
Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Medium beam
Optical cover/lens type	-
Luminaire light beam spread	76° x 74°
Emergency lighting	-
Control interface	-
Internal wiring	Standard
Feed-through wiring	Feed-through wiring 5-phase
Connection	Connection unit 5-pole

Cable	-
Protection class IEC	Safety class I
Mounting	Ceiling-mounting bracket
Standard RAL color	Traffic white
Ready-to-install	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
Accessories included	Mounting bracket for suspension wire
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years + 2 years upon registration
Mechanical accessories	-
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	LL121X [CoreLine Trunking]

CoreLine Trunking

Light Technical	
Light Distribution	Direct lighting

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Circuit	-
Circuit option	5 conductors
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.97

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Acrylate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall length	1730 mm
Overall width	95 mm
Overall height	52 mm
Height	52 mm
Diameter	-

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	8000 lm
Luminous flux tolerance	+/-1%
Initial LED luminaire efficacy	148 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticy	(0.38, 0.38) SDCM <3
Initial input power	54 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

Application Conditions	
Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data	
Full product code	871869638103800
Order product name	LL121X LED80S/840 1x PSU MB 5 WH
EAN/UPC - Product	8718696381038
Order code	910925863982
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863982
Net Weight (Piece)	3.690 kg



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