PHILIPS Lighting



CoreLine Trunking

LL120X LED160S/840 2x PSD A 7X2.5 VLC WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit with DALI interface, Asymmetrical mirror, Feedthrough wiring 7-phase, 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 Lamp family code LED160S [LED module, system flux 16000 lm] Light source replaceable No Number of gear units 2 units Driver included Yes Feed-through wiring Feed-through wiring 7-phase Remarks *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. Service tag Yes Product family code Lighting Technology LED		
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	Service tag	Yes
Lighting Technology LED	Product family code	LL120X [CoreLine Trunking]
	Lighting Technology	LED

CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	16,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	≥80
Number of light sources	6
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Asymmetrical mirror

CoreLine Trunking

Optical cover type	-	Dimensio
Luminaire light beam spread	60° x 120°	
Unified glare rating CEN	Not applicable	Approv
		Ingress p
Operating and Electrical		Mech. in
Input Voltage	220 to 240 V	Protectio
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	- W	Initial P
Average CLO power consumption	- W	Luminou
Inrush current	22 A	Initial ch
Inrush time	0.275 ms	Power co
Power Consumption	108 W	_
Power Factor (Fraction)	0.97	Over Ti
Connection	Connection unit 7-pole	Control g
Cable	-	life 5000
Number of products on MCB of 16 A type	24	Lumen m
В		life* 500
Temperature		Applica
Ambient temperature range	-20 to +35 °C	Performa
		Maximu
Controls and Dimming		Suitable
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	Product
Control interface	DALI	Order pr
Constant light output	No	
		Full proc
Mechanical and Housing		
Housing Material	Steel	Full proc
Reflector material	-	Order co
Optic material	Acrylate	Material
Optical cover material	Acrylate	Numerat
Fixation material	Steel	EAN/UP
Housing Color	White	Numerat
Optical cover finish	Frosted	EAN/UP
Overall length	3,450 mm	_
Overall width	95 mm	_
Overall height	52 mm	

Dimensions (Height x Width x Depth) 52 x 95 x 3450 mm Approval and Application Ingress protection code Ingress protection code IP20 [Finger-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class I Initial Performance (IEC Compliant) Initial chromaticity Initial chromaticity (0.38, 0.38) SDCM <3	
Ingress protection code IP20 [Finger-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-2%	
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Initial chromaticity (0.38, 0.38) SDCM <3	
Power consumption tolerance +/-10%	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful 5 %	
life 50000 h	
Lumen maintenance at median useful L80	
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq 25 °C	
Maximum dim level 1%	
Suitable for random switching No	
Product Data	
Order product name LL120X LED160S/840 2x PSD A 7X2.5 VL	
WH	
Full product name LL120X LED160S/840 2x PSD A 7X2.5 VL	-
Full product name LL120X LED160S/840 2x PSD A 7X2.5 VL WH	-
WH	
WH Full product code 871869638119900	
WH Full product code 871869638119900 Order code 38119900	
WH Full product code 871869638119900 Order code 38119900 Material Nr. (12NC) 910925863998	
WH Full product code 871869638119900 Order code 38119900 Material Nr. (12NC) 910925863998 Numerator - Quantity Per Pack 1	-

Dimensional drawing



CoreLine Trunking



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