PHILIPS Lighting



CoreLine Trunking

LL120X LED160S/840 2x PSU DA20 5 WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit (On/Off), Double asymmetric optic 20°, Feed-through wiring 5-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 5-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	LL120X [CoreLine Trunking]
Lighting Technology	LED
CE mark	Yes

Warranty period	3 years + 2 years upon registration	
Flammability mark	For mounting on normally flammable surface	
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	Double asymmetric optic 20°	
Optical cover type	-	
Luminaire light beam spread	98° x 104°	

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Unified glare rating CEN	Not applicable	
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	19 A	
Inrush time	0.28 ms	
Power Consumption	108 W	
Power Factor (Fraction)	0.97	
Connection	Connection unit 5-pole	
Cable	-	
Number of products on MCB of 16 A type	24	
В		
Temperature		
Ambient temperature range	-20 to +35 ℃	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Steel	
Reflector material	-	
Optic material	Acrylate	
Optical cover material	Acrylate	
Fixation material	Steel	
Housing Color	White	
Optical cover finish	Frosted	
Overall length	3,450 mm	
Overall width	95 mm	

Approval and ApplicationIngress protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2.J standard]Protection class IECSafety class IInitial Performance (IEC Compliant)Imitial Performance (IEC Compliant)Luminous flux tolerance+/-2%Initial chromaticity(0.38, 0.38) SDCM <3Power consumption tolerance+/-10%Over Time Performance (IEC Compliant)Control gear failure rate at median usefulControl gear failure rate at median useful5 %Life 50000 hIte80Lumen maintenance at median usefulL80Life* 50000 hVor applicableSuitable for random switchingNot applicableSuitable for random switchingNoProduct DataCorder product nameCorder product nameLL120X LED160S/840 2x PSU DA20 5 WHFul product code871869638093200Order code910925863972Material Nr. (12NC)910925863972Numerator - Quantity Per Pack1	Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm
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% 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 5 % life 50000 h Lumen maintenance at median useful L80 life* 50000 h Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching No Product Data Order product name LL120X LED160S/840 2x PSU DA20 5 WH Full product name LL120X LED160S/840 2x PSU DA20 5 WH Full product code 871869638093200 Order code 910925863972 Material Nr. (12NC) 910925863972		
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Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5 % Life 50000 h 5 % Lumen maintenance at median useful L80 Life* 50000 h 25 °C Maximum dim level Not applicable Suitable for random switching No Product Data Vorder product name LL120X LED160S/840 2x PSU DA20 5 WH Full product code 871869638093200 910925863972 Material Nr. (12NC) 910925863972	Luminous flux tolerance	+/-2%
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Material Nr. (12NC) 910925863972	Full product code	871869638093200
	Order code	910925863972
Numerator - Quantity Per Pack 1	Material Nr. (12NC)	910925863972
	Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case 8718696380932	EAN/UPC - Product/Case	8718696380932
Numerator - Packs per outer box 1	Numerator - Packs per outer box	1
EAN/UPC - Case 8718696380932	EAN/UPC - Case	8718696380932

Dimensional drawing



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