PHILIPS Lighting



CoreLine Trunking

LL120X LED152S/830 2x PSD DA20 7 VLC WH

CoreLine Trunking, 6, LED module, system flux 15200 lm, Power supply unit with DALI interface, Double asymmetric optic 20°, Feed-through 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	LED152S [LED module, system flux 15200 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	LL120X [CoreLine Trunking]
Lighting Technology	LED
CE mark	Yes

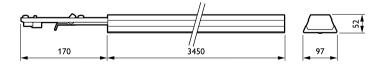
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	15,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	≥80
Number of light sources	6
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Double asymmetric optic 20°
Optical cover type	-

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Luminaire light beam spread	98° x 104°
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	22 A
Inrush time	0.275 ms
Power Consumption	108 W
Power Factor (Fraction)	0.97
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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
Overall height	52 mm
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Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm	
Approval and Application		
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	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 LED152S/830 2x PSD DA20 7 VLC	
	WH	
Full product name	LL120X LED152S/830 2x PSD DA20 7 VLC	
	WH	
Full product code	871869638151900	
Order code	910925864031	
Material Nr. (12NC)	910925864031	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696381519	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696381519	

Dimensional drawing



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www.lighting.philips.com 2023, September 4 - data subject to change