PHILIPS Lighting



CoreLine Trunking

LL120X LED160S/840 2x PSU MB 5 WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit (On/Off), Medium beam, 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

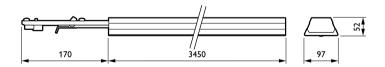
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	16,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (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	Medium beam
Optical cover type	-

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Luminaire light beam spread	77° x 74°	
Unified glare rating CEN	25	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
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 °C	
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	
Overall height	52 mm	

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 ℃			
Maximum dim level	Not applicable			
Suitable for random switching	No			
Product Data				
Order product name	LL120X LED160S/840 2x PSU MB 5 WH			
Full product name	LL120X LED160S/840 2x PSU MB 5 WH			
Full product code	871869638091800			
Order code	38091800			
Material Nr. (12NC)	910925863970			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696380918			
Numerator - Packs per outer box	1			
EAN/UPC - Case	8718696380918			

Dimensional drawing



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www.lighting.philips.com 2023, April 29 - data subject to change