PHILIPS Lighting



CoreLine Trunking

LL121X LED80S/840 1x PSU WB 5 WH

CoreLine Trunking, 3, LED Module, system flux 8000 lm, Power supply unit (On/Off), Wide 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	LED80S [LED Module, system flux 8000 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 5-phase
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Product family code	LL121X [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	8,000 lm	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	148 lm/W	
Colour rendering index (CRI)	≥80	
Number of light sources	3	
Beam angle of light source	120 degree(s)	
Light source colour	840 neutral white	
Optic type	Wide beam	
Optical cover type	-	
Luminaire light beam spread	100° x 94°	

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Unified Glare Rating (CEN)	Not applicable	Dimensio
Operating and Electrical		Approva
Input Voltage	220 to 240 V	Ingress p
Line Frequency	50 to 60 Hz	Mech. im
Initial CLO power consumption	- W	Protectio
Average CLO power consumption	- W	
Inrush current	19 A	Initial P
Inrush time	0.28 ms	Luminous
Power Consumption	54 W	Initial chr
Power Factor (Fraction)	0.97	Power co
Connection	Connection unit 5-pole	
Cable	-	Over Tir
Number of products on MCB of 16 A typ	e 24	Control g
В		life 50,00
		Lumen m
Temperature		life* 50,0
Ambient temperature range	-20 to +35 °C	
		Applicat
Controls and Dimming		Performa
Dimmable	No	Maximun
Driver/power unit/transformer	Power supply unit (On/Off)	Suitable
Control interface	-	
Constant light output	No	Product
		Order pro
Mechanical and Housing		Full prod
Housing material	Steel	Full EOC
Reflector material	-	Order coo
Optic material	Acrylate	Material
Optical cover/lens material	Acrylate	SAP num
Fixation material	Steel	EAN/UPC
Housing Colour	White	Numerate
Optical cover/lens finish	Frosted	EAN/UPC
Overall length	1,730 mm	
Overall width	95 mm	
Overall height	52 mm	

Dimensions (height x width x depth)	52 x 95 x 1730 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	+/-1%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median usefu	l 5%	
life 50,000 h		
Lumen maintenance at median useful	L80	
life* 50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Not applicable	
Suitable for random switching	No	
Product Data		
Order product name	LL121X LED80S/840 1x PSU WB 5 WH	
Full product name	LL121X LED80S/840 1x PSU WB 5 WH	
Full EOC	871869638094900	
Order code	38094900	
Material no. (12 NC)	910925863973	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696380949	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696380949	

Dimensional drawing



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