CoreLine Trunking

LL120X LED160S/865 1x PSD MB 7 WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit with DALI interface, Medium beam, 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	LED160S [LED module, system flux 16000 lm]
Light source replaceable	No
Number of gear units	1 unit
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	16,000 lm
Correlated Color Temperature (Nom)	6500 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	865 cool daylight
Optic type	Medium beam

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Optical cover type	–	Overall height	52 mm
Luminaire light beam spread	76° x 74°	Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm
Unified glare rating CEN	Not applicable		

Operating and Electrical

Input Voltage	220 to 240 V	**Approval and Application**	
Line Frequency	50 to 60 Hz	Ingress protection code	IP20 [Finger-protected]
Initial CLO power consumption	– W	Mech. impact protection code	IK02 [0.2 J standard]
Average CLO power consumption	– W	Protection class IEC	Safety class I
Inrush current	4.8 A		
Inrush time	2.3 ms	**Initial Performance (IEC Compliant)**	
Power Consumption	108 W	Luminous flux tolerance	+/-2%
Power Factor (Fraction)	0.97	Initial chromaticity	(0.38, 0.38) SDCM <3
Connection	Connection unit 7-pole	Power consumption tolerance	+/-10%
Cable	–		
Number of products on MCB of 16 A type B	12	**Over Time Performance (IEC Compliant)**	
		Control gear failure rate at median useful life 50000 h	5 %

Temperature

Ambient temperature range	–20 to +35 °C	Lumen maintenance at median useful life* 50000 h	L80

Controls and Dimming

Dimmable	Yes	**Application Conditions**	
Driver/power unit/transformer	Power supply unit with DALI interface	Performance ambient temperature Tq	25 °C
Control interface	DALI	Maximum dim level	1%
Constant light output	No	Suitable for random switching	No

Mechanical and Housing

Housing Material	Steel	**Product Data**	
Reflector material	–	Order product name	LL120X LED160S/865 1x PSD MB 7 WH
Optic material	Acrylate	Full product name	LL120X LED160S/865 1x PSD MB 7 WH
Optical cover material	Acrylate	Full product code	871869638189200
Fixation material	Steel	Order code	910925864069
Housing Color	White	Material Nr. (12NC)	910925864069
Optical cover finish	Frosted	Numerator – Quantity Per Pack	1
Overall length	3,450 mm	EAN/UPC – Product/Case	8718696381892
Overall width	95 mm	Numerator – Packs per outer box	1
		EAN/UPC – Case	8718696381892

Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change