CoreLine Trunking

LL120X LED152S/830 2x PSU MB 5 WH

CoreLine Trunking, 6, LED module, system flux 15200 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	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 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	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 Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	141 lm/W
Colour rendering index (CRI)	≥80
Number of light sources	6
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Medium beam
Optical cover type	–

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Luminaire light beam spread	76° x 74°
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 B	24

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/lens material	Acrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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 life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	LL120X LED152S/830 2x PSU MB 5 WH
Full product name	LL120X LED152S/830 2x PSU MB 5 WH
Full EOC	871869638116800
Order code	38116800
Material no. (12 NC)	910925863995
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696381168
Numerator – packs per outer box	1
EAN/UPC – Case	8718696381168

Dimensional drawing

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