CoreLine Trunking

LL120X LED160S/840 2x PSD DA20 9 VLC WH

CoreLine Trunking, LED module, system flux 16000 lm, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 20°, 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
Driver included	Yes
Feed-through wiring	Feed-through wiring 9-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.
Product family code	LL120X [CoreLine Trunking]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

ENEC mark	ENEC mark
Warranty period	3 years + 2 years upon registration

Light Technical

Luminous Flux	16,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Number of light sources	6
Light source color	840 neutral white
Optic type	Double asymmetric optic 20°
Optical cover type	–
Luminaire light beam spread	86° x 80°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

CoreLine Trunking

Power Consumption	124 W
Connection	Connector with 2 additional wires for light regulation

Temperature

Ambient temperature range	−20 to +35 ℃

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

Mechanical and Housing

Housing Material	Steel
Optic material	Acrylate
Housing Color	White

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	+/−2.5%
Initial chromaticity	(0.38, 0.38) SDCM <3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	LL120X LED160S/840 2x PSD DA20 9 VLC WH
Full product name	LL120X LED160S/840 2x PSD DA20 9 VLC WH
Full product code	871829190755800
Order code	910925683030
Material Nr. (12NC)	910925683030
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291907558
Numerator – Packs per outer box	1
EAN/UPC – Case	8718291907558

Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change