CoreLine Trunking Gen2

LL234X 160S/840 2x PSD O 7x1.5

LL234X | Coreline Trunking Gen2 - 160S | LED module, system flux 16000 lm - Power supply unit with DALI interface - Symmetrical - 120° x 117°

CoreLine Trunking Gen2 is a light-line system that is designed for simplicity. It comes in a choice of lengths, flux packages and beam shapes to suit every project and application. Easy to use and integrate with spots and sensors, CoreLine Trunking Gen2 provides consistent, high-quality lighting with added protection against accidental water ingress. The innovative system is also easy to assemble and install for faster retrofits and refurbishments.

Product data

General Information

Lamp family code	160S [LED module, system flux 16000 lm]
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Service tag	Yes
Product family code	LL234X [Coreline Trunking Gen2]
Lighting Technology	LED
Value ladder	Value

Light Technical

Luminous Flux	15,000 lumen
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120° x 117°
Unified glare rating CEN	28

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Initial CLO power consumption	- W

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Average CLO power consumption	– W		CE mark	Yes
Power Consumption	100 W		ENEC mark	ENEC plus mark
Inrush current	25.1 A		Warranty period	5 years
Inrush time	0.214 ms		EU RoHS compliant	Yes
Power Factor (Fraction)	0.95			
Connection	Connection unit 7-pole		**Initial Performance (IEC Compliant)**	
Cable	–		Luminous flux tolerance	+/-10%
Number of products on MCB of 16 A type B	10		Initial chromaticity	(0.38, 0.38) SDCM <3
			Power consumption tolerance	+/-10%

Temperature

Ambient temperature range	–20 to +35 °C

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance at median useful life* 50000 h	L85
Lumen maintenance at median useful life* 100000 h	L75

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Application Conditions
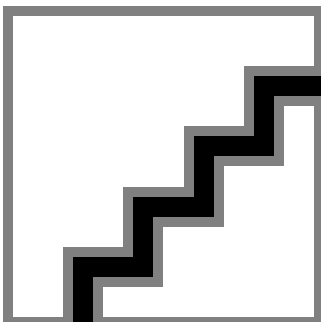
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Mechanical and Housing

Housing Material	Steel
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL9016
Optical cover/lens finish	Opal
Overall length	3,400 mm
Overall width	80 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 80 x 3400 mm

Product Data

Full product code	871951410808000
Order product name	LL234X 160S/840 2x PSD O 7x1.5
Order code	910925867551
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material number (12NC)	910925867551
Full product name	LL234X 160S/840 2x PSD O 7x1.5
EAN/UPC – Case	8719514108080

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	–
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	–

850°C ▪ IK 02 ⏚

Dimensional drawing

www.lighting.philips.com