CoreLine Trunking Gen2

LL234X 90S/840 2x PSD WB 7x1.5

LL234X | Coreline Trunking Gen2 - 90S | LED module, system flux 9000 lm - Power supply unit with DALI interface - Wide beam - 84° x 84°

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	90S [LED module, system flux 9000 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	9,000 lumen
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	164 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	84° x 84°
Unified glare rating CEN	19

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
Power Consumption	55 W
Inrush current	23.1 A
Inrush time	0.221 ms
Power Factor (Fraction)	0.95
Connection	Connection unit 7-pole
Cable	–
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	–20 to +35 °C

Controls and Dimming

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

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	Frosted
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

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	–

CE mark	Yes
ENEC mark	ENEC plus mark
Warranty period	5 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

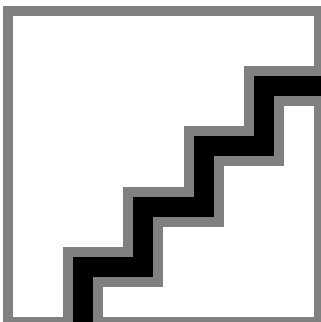|	
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance at median useful life* 50000 h	L85
Lumen maintenance at median useful life* 100000 h	L75

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)

Product Data

Full product code	871951410818900
Order product name	LL234X 90S/840 2x PSD WB 7x1.5
Order code	910925867561
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material number (12NC)	910925867561
Full product name	LL234X 90S/840 2x PSD WB 7x1.5
EAN/UPC – Case	8719514108189

850°C ■ IK 02 ⏚

Dimensional drawing

CoreLine Trunking Gen2

www.lighting.philips.com