CoreLine Trunking Gen2

LL234X 90S/840 1x SIA NB 7x1.5

LL234X | Coreline Trunking Gen2 - Sensor ready driver Interact System ready - Narrow beam - 35° x 71°

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

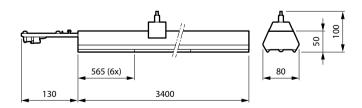|	
Light source replaceable	No
CE mark	Yes
Number of gear units	1 unit
Driver included	Yes
Flammability mark	–
Glow-wire test	Temperature 850 °C, duration 30 s
Warranty period	5 years
Product family code	LL234X [Coreline Trunking Gen2]
Connectivity	Interact Ready
Lighting Technology	LED
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Value ladder	Value

Application Conditions

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

Light Technical

Luminous Flux	9,000 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	35° x 71°

CoreLine Trunking Gen2

Unified glare rating CEN	19

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	4.5 A
Inrush time	1,000 ms
Power Consumption	57 W
Power Factor (Fraction)	0.95
Connection	Connection unit 7-pole
Cable	–
Number of products on MCB of 16 A type B	18

Temperature

Ambient temperature range	–20 to +35 ℃

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	–
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

Initial Performance (IEC Compliant)

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

Product Data

Full product code	871951473797600
Order product name	LL234X 90S/840 1x SIA NB 7x1.5
Order code	910925868991
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910925868991
Full product name	LL234X 90S/840 1x SIA NB 7x1.5
EAN/UPC – Case	8719514737976

Dimensional drawing