CoreLine Trunking Gen2

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

LL234X | Coreline Trunking Gen2 - Sensor ready driver Interact System ready - 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

Light source replaceable	No
CE mark	Yes
Number of gear units	1 unit
Driver included	Yes
Flammability mark	–
Glow-wire test	Temperature 850 ℃, 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

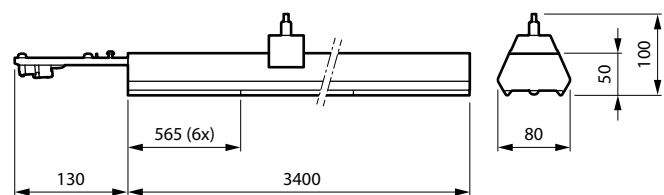|	
Maximum dim level	1%
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

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	Wide beam
Luminaire light beam spread	84° x 84°

CoreLine Trunking Gen2

Unified glare rating CEN	19		Overall height	50 mm
			Dimensions (Height x Width x Depth)	50 x 80 x 3400 mm
Operating and Electrical				
Line Frequency	50 to 60 Hz		**Approval and Application**	
Input Voltage	220 to 240 V		Ingress protection code	IP20 [Finger-protected]
Initial CLO power consumption	– W		Mech. impact protection code	IK02 [0.2 J standard]
Average CLO power consumption	– W		Sustainability rating	–
Inrush current	4.5 A		Protection class IEC	Safety class I
Inrush time	1,000 ms			
Power Consumption	57 W		**Initial Performance (IEC Compliant)**	
Power Factor (Fraction)	0.95		Initial chromaticity	(0.38, 0.38) SDCM <3
Connection	Connection unit 7-pole		Luminous flux tolerance	+/–10%
Cable	–		Power consumption tolerance	+/–10%
Number of products on MCB of 16 A type B	18			
			Over Time Performance (IEC Compliant)	
Temperature			Control gear failure rate at median useful life 50000 h	5 %
Ambient temperature range	–20 to +35 °C		Control gear failure rate at median useful life 100000 h	0.1 %
Controls and Dimming			Lumen maintenance at median useful life* 50000 h	L85
Dimmable	Yes		Lumen maintenance at median useful life* 100000 h	L75
Driver/power unit/transformer	Sensor ready driver Interact System ready			
Control interface	–		**Product Data**	
Constant light output	No		Full product code	871951473795200
			Order product name	LL234X 90S/840 1x SIA WB 7x1.5
Mechanical and Housing			Order code	910925868989
Housing Material	Steel		Numerator – Quantity Per Pack	1
Reflector material	–		Numerator – Packs per outer box	1
Optic material	Polycarbonate		Material Nr. (12NC)	910925868989
Optical cover/lens material	Polycarbonate		Full product name	LL234X 90S/840 1x SIA WB 7x1.5
Fixation material	Steel		EAN/UPC – Case	8719514737952
Housing Color	White RAL9016			
Optical cover/lens finish	Frosted			
Overall length	3,400 mm			
Overall width	80 mm			

Dimensional drawing

www.lighting.philips.com

2023, September 5 – data subject to change