CoreLine tubular waterproof: easy installation. Excellent illumination.

CoreLine tubular waterproof

The CoreLine Tubular Waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A reliable, efficient luminaire with a very long lifetime, the CoreLine Tubular Waterproof comes in two versions to meet various needs. The ammonia-resistant and sealed luminaire (PMMA tube) is suitable for animal lighting, livestock and food applications, while the PC version offers a modern and industrial design that is suitable for a wide range of general lighting applications. Both versions come with significant dust, water and impact protection, making them relevant for specific applications. CoreLine Tubular Waterproof WT210C luminaires promise energy savings and less maintenance. At the same time, they can be installed in next to no time and without tools, thanks to pre-installed through-wiring and an external connector, which mean the luminaire does not require opening. These waterproof lighting solutions are flexible to mount on ceilings or suspended in both indoor and outdoor environments.

Benefits
- Saves on energy and maintenance costs
- Quick, toolless installation on ceilings or suspension-mounted (indoors and outdoors)
- Flexible mounting – rotatable, freely positionable mounting brackets
- Ideal for livestock (animal farms) and food applications – sealed, ammonia-resistant version (PMMA)
- Modern, industrial design of PC version suitable for halls, circulation areas and general lighting

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Features
- WT210C available in 2 versions: ammonia-resistant, sealed PMMA and Polycarbonate Cover (PC)
- High water, dust and impact protection: IP67/IP69K/IK06 (PMMA), IP68/IK10 (PC)
- Long lifetime and high efficiency: 50,000 hours with flux at 80% min. compared to initial level; up to 130 lm/W
- Stainless steel (316) mounting brackets and optional suspended mounting sets for indoor and outdoor installation
- Through wiring installed with an external push-in connector for fast installation

Application
- Food industry (PMMA version)
- Animal farms (PMMA version)
- Halls and circulation areas (PC version)
- (Semi-) open car parks, garages
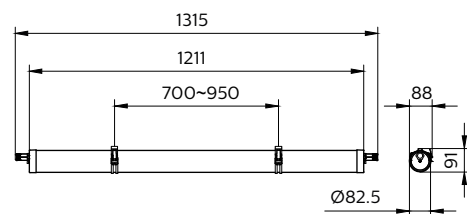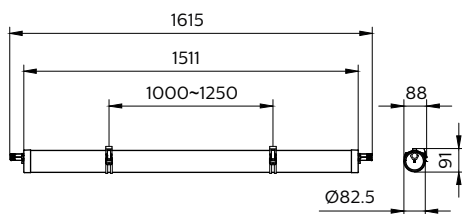- Workshops
- General lighting

Versions

Standard product photo, CoreLine tubular waterproof PC, L1200

Standard product photo, CoreLine tubular waterproof PC, L1500

Dimensional drawing

1615 / 1511 / 1000~1250 / 88 / 91 / Ø82.5

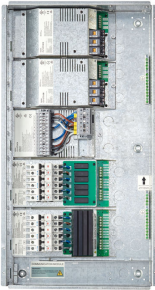1315 / 1211 / 700~950 / 88 / 91 / Ø82.5

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Product details

CoreLine tubular waterproof, easy connection

CoreLine tubular waterproof on a suspension wire

CoreLine tubular waterproof on a suspension chain

CoreLine tubular waterproof, installation

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General Information

Driver included	Yes
Light source replaceable	No
Number of gear units	Unit

Light Technical

Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Optic type	Very wide beam

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Colour	White
Mech. impact protection code	IK10
Ingress protection code	IP68

Approval and Application

Ambient temperature range	–20 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Flickering value (PstLM)	1
Stroboscopic effect	1.6

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38,0.38)SDCM3
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
94737599	WT210C LED50S/840 PSU TW1 PC L1200	128 lm/W	5,000 lm
94738299	WT210C LED70S/840 PSU TW1 PC L1500	130 lm/W	7,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
94737599	WT210C LED50S/840 PSU TW1 PC L1200	39 W

Order Code	Full Product Name	Power Consumption
94738299	WT210C LED70S/840 PSU TW1 PC L1500	54 W

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Polar Wide Diagrams
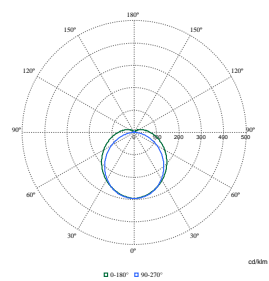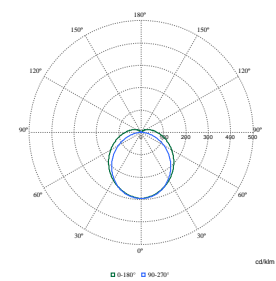
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Polar Normal (separate) – null – 911401828184

www.lighting.philips.com

2023, August 1 – data subject to change