



CoreLine tubular waterproof: Easy installation. Excellent illumination.

CoreLine tubular waterproof

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, CoreLine Tubular Waterproof comes in two versions to meet various applications 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 suspended 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 130lm/W
- Stainless steel (316) mounting brackets and optional suspended mounting sets for indoor and outdoor installation
- Through wiring installed with 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

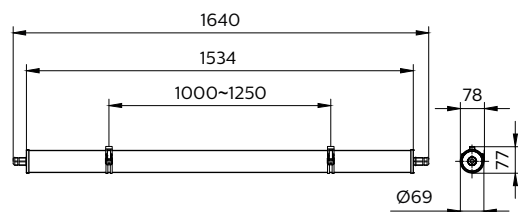
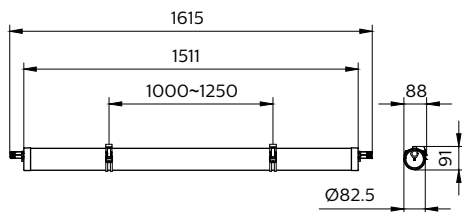


Standard product photo, CoreLine tubular waterproof PC, L1500



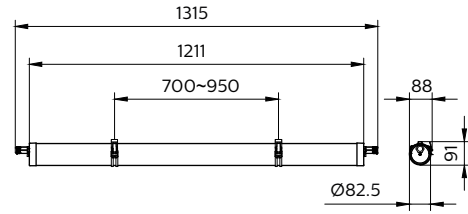
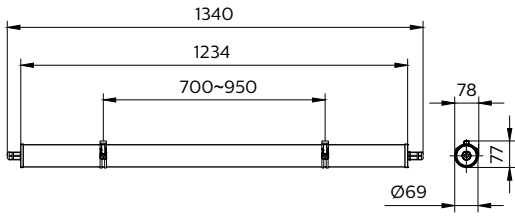
Standard product photo, CoreLine tubular waterproof PMMA, L1200

Dimensional drawing



CoreLine tubular waterproof

Dimensional drawing



Product details



CoreLine tubular waterproof on a suspension wire



CoreLine tubular waterproof, easy connection



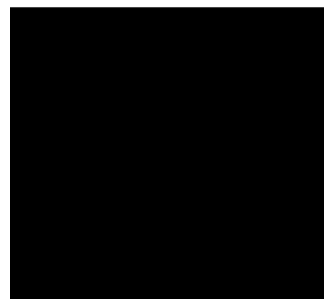
CoreLine tubular waterproof on a suspension chain



CoreLine tubular waterproof on a suspension wire



CoreLine tubular waterproof on a suspension chain



CoreLine tubular waterproof, installation

CoreLine tubular waterproof

Product details



CoreLine tubular waterproof, installation



CoreLine tubular waterproof, easy connection

General Information

CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	Very wide beam
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	White
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Approval and Application

Protection class IEC	Safety class I
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Initial Performance (IEC Compliant)

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

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	Not applicable

General Information

Order Code	Full Product Name	Flammability mark	Glow-wire test
911401828084	WT210C LED50S/840 PSU TW1 PC L1200	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s
911401827984	WT210C LED70S/840 PSU TW1 PMMA L1500	For mounting on easily flammable surfaces	Temperature 650 °C, duration 30 s
911401860284	WT210C LED39S/840 PSU TW1 PMMA L1500	For mounting on easily flammable surfaces	Temperature 650 °C, duration 30 s
911401828184	WT210C LED70S/840 PSU TW1 PC L1500	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s
911401827884	WT210C LED50S/840 PSU TW1 PMMA L1200	For mounting on easily flammable surfaces	Temperature 650 °C, duration 30 s

Light Technical

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Order Code	Full Product Name	Luminous Efficacy	
		(rated) (Nom)	Luminous Flux
911401828084	WT210C LED50S/840 PSU TW1 PC L1200	128 lm/W	5,000 lumen
911401827984	WT210C LED70S/840 PSU TW1 PMMA L1500	130 lm/W	7,000 lumen
911401860284	WT210C LED39S/840 PSU TW1 PMMA L1500	139 lm/W	3,900 lumen

Order Code	Full Product Name	Luminous Efficacy	
		(rated) (Nom)	Luminous Flux
911401828184	WT210C LED70S/840 PSU TW1 PC L1500	130 lm/W	7,000 lumen
911401827884	WT210C LED50S/840 PSU TW1 PMMA L1200	128 lm/W	5,000 lumen

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401828084	WT210C LED50S/840 PSU TW1 PC L1200	39 W
911401827984	WT210C LED70S/840 PSU TW1 PMMA L1500	54 W
911401860284	WT210C LED39S/840 PSU TW1 PMMA L1500	28 W

Order Code	Full Product Name	Power Consumption
911401828184	WT210C LED70S/840 PSU TW1 PC L1500	54 W
911401827884	WT210C LED50S/840 PSU TW1 PMMA L1200	39 W

Approval and Application

Order Code	Full Product Name	Mech. impact	Ingress
		protection code	protection code
911401828084	WT210C LED50S/840 PSU TW1 PC L1200	IK10	IP68
911401827984	WT210C LED70S/840 PSU TW1 PMMA L1500	IK06	IP69K
911401860284	WT210C LED39S/840 PSU TW1 PMMA L1500	IK06	IP69K

Order Code	Full Product Name	Mech. impact	Ingress
		protection code	protection code
911401828184	WT210C LED70S/840 PSU TW1 PC L1500	IK10	IP68
911401827884	WT210C LED50S/840 PSU TW1 PMMA L1200	IK06	IP69K

