



# 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

# CoreLine tubular waterproof

## 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

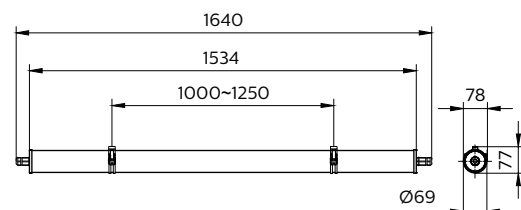
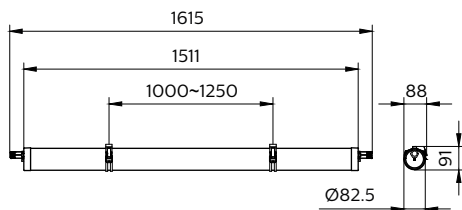


Standard product photo, CoreLine tubular waterproof PC, L1500



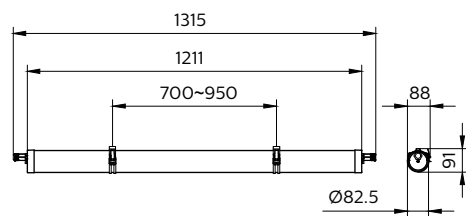
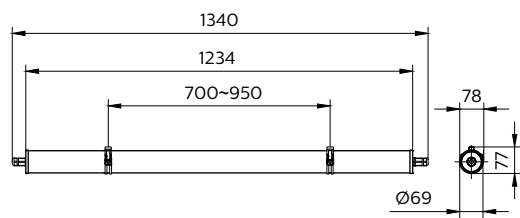
Standard product photo, CoreLine tubular waterproof PMMA, L1200

## Dimensional drawing



# CoreLine tubular waterproof

## Dimensional drawing



## Product details



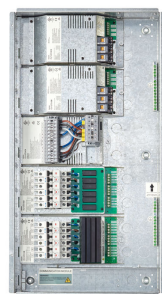
CoreLine tubular waterproof on a suspension wire



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	
Driver included	Yes
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
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 Color	White
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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
911401828084	WT210C LED50S/840 PSU TW1 PC L1200	128 lm/W	5,000 lm
911401827984	WT210C LED70S/840 PSU TW1 PMMA L1500	130 lm/W	7,000 lm
911401860284	WT210C LED39S/840 PSU TW1 PMMA L1500	139 lm/W	3,900 lm
911401828184	WT210C LED70S/840 PSU TW1 PC L1500	130 lm/W	7,000 lm
911401827884	WT210C LED50S/840 PSU TW1 PMMA L1200	128 lm/W	5,000 lm

## Operating and Electrical

CoreLine tubular waterproof

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

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code	Ingress 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

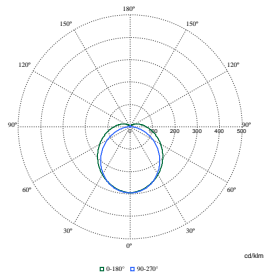
Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401828184	WT210C LED70S/840 PSU TW1 PC L1500	IK10	IP68
911401827884	WT210C LED50S/840 PSU TW1 PMMA L1200	IK06	IP69K

Approval and Application

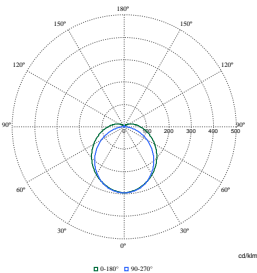
Order Code	Full Product Name	Flammability mark	Glow-wire test
911401828084	WT210C LED50S/840 PSU TW1 PC L1200	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s
911401827984	WT210C LED70S/840 PSU TW1 PMMA L1500	For mounting on easily flammable surfaces	Temperature 650 °C, duration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

Order Code	Full Product Name	Flammability mark	Glow-wire test
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

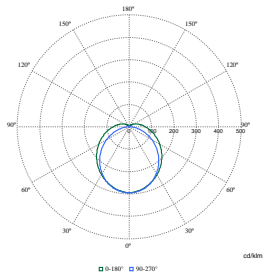
Polar Wide Diagrams



Polar Normal (separate) - null - 911401827984

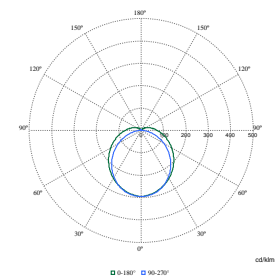


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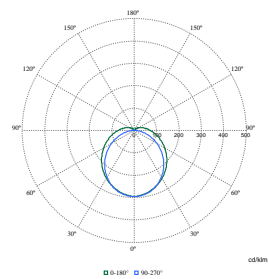


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Polar Wide Diagrams



Polar Normal (separate) - null - 911401828184



Polar Normal (separate) - null - 911401860284

