



# CoreLine Tubular Waterproof: Easy installation. Excellent illumination.

## CoreLine tubular waterproof gen2

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 application needs. The ammonia-resistant luminaire (PMMA tube) is suitable for animal lighting, livestock and food applications, while the PC tube version offers a modern and industrial design that is suitable for a wide range of general lighting applications. Both versions feature substantial protection against dust, water and impacts, making them suitable for specific applications. CoreLine Tubular Waterproof WT210C luminaires promise energy savings and reduced maintenance. They can be installed very quickly and without tools, thanks to pre-installed through-wiring and an external connector, which means the luminaire does not need to be opened. These waterproof luminaires offer flexible mounting options on ceilings or as suspended fixtures, in both indoor and protected outdoor environments. A choice of on/off, DALI dimming and an Interact-ready option with integrated wireless communications is also available within this product range, which can be used with Interact gateways, sensors and software.

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## Benefits

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

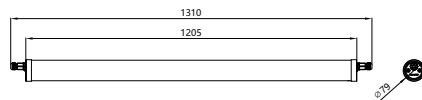
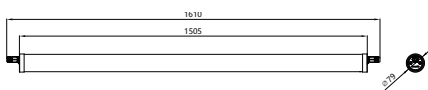
## Features

- 2 versions: Ammonia-resistant – PMMA tube and Polycarbonate tube (PC)
- High water, dust and impact protection: IP67/IP69K/IK06 (PMMA), IP68/IP69K/IK10 (PC)
- Long lifetime and high efficiency: 100,000 hours with flux at 80% min. compared to initial levels; up to 160lm/W
- Choice of colour temperatures: 3,000 and 4,000 K
- 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
- Choice of drivers: ON/OFF (PSU), DALI (PSD) and wireless with Interact ready (WIA)

## Application

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

## Dimensional drawing



# CoreLine tubular waterproof gen2

## Product details



CoreLine waterproof tubular G2,  
WT210C G2



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## General Information

Driver included	Yes
Number of gear units	Unit

## Light Technical

Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Luminous efficacy (rated) (nom.)	161 lm/W
Optic type	Beam angle 120°

## Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220-240 V
Suitable for random switching	No

## Mechanical and Housing

Housing Colour	White
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## Approval and Application

Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on easily flammable surfaces

## Initial Performance (IEC Compliant)

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

## Light Technical

Order Code	Full Product Name	Luminous Flux
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	7,000 lm
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	7,000 lm
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	7,000 lm
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	7,000 lm
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	7,000 lm
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	7,000 lm
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	5,000 lm
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	5,000 lm
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	5,000 lm
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	5,000 lm
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	5,000 lm
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	5,000 lm

## Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power
			Consumption
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	50 to 60 Hz	43.5 W
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	50 to 60 Hz	43.5 W
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	50 to 60 Hz	43.5 W
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	50 to 60 Hz	43.5 W
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	0/50/60 Hz	43.5 W
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	0/50/60 Hz	43.5 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	50 to 60 Hz	31 W
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	50 to 60 Hz	31 W
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	50 to 60 Hz	31 W
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	50 to 60 Hz	31 W
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	0/50/60 Hz	31 W
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	0/50/60 Hz	31 W

## Controls and Dimming

Order Code	Full Product Name	Dimmable
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	No

Order Code	Full Product Name	Dimmable
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	No

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Order Code	Full Product Name	Dimmable
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	Yes
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	Yes
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	Yes
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	Yes
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	No

Order Code	Full Product Name	Dimmable
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	No
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	Yes
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	Yes
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	Yes
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	Yes

### Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	IK06	IP67
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	IK10	IP68
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	IK06	IP67
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	IK10	IP68
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	IK06	IP67
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	IK10	IP68

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	IK06	IP67
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	IK10	IP68
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	IK06	IP67
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	IK10	IP68
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	IK06	IP67
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	IK10	IP68

### Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	No	-
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	No	-
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	No	-
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	No	-
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	Yes	DC operated central emergency lighting
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	Yes	DC operated central emergency lighting

Order Code	Full Product Name	Central Emergency	Emergency lighting
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	No	-
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	No	-
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	No	-
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	No	-
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	Yes	DC operated central emergency lighting
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	Yes	DC operated central emergency lighting

### Approval and Application

Order Code	Full Product Name	Glow-wire test
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	Temperature 650 °C, duration 30 s
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	Temperature 650 °C, duration 30 s
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	Temperature 850 °C, duration 30 s

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Order Code	Full Product Name	Glow-wire test
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	Temperature 650 °C, duration 30 s
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	Temperature 850 °C, duration 30 s
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	Temperature 650 °C, duration 30 s
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	Temperature 650 °C, duration 30 s
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	Temperature 850 °C, duration 30 s
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	Temperature 650 °C, duration 30 s
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	Temperature 850 °C, duration 30 s

