



Install smarter, finish sooner Choose long-lasting reliability and performance

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 applications 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 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. They can be installed in next to no time and without tools, thanks to pre-installed through-wiring and an external connector, which means the luminaire does not require opening. These waterproof lighting solutions are flexible to mount on ceilings or suspended 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 in this family, 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 suspended mounted (indoors and outdoors)
- Flexible mounting - rotatable, freely adjustable mounting brackets
- Ideal for livestock (animal farms) and food applications - ammonia-resistant version (PMMA)
- Modern, industrial design of PC version suitable for halls, circulation areas and general lighting

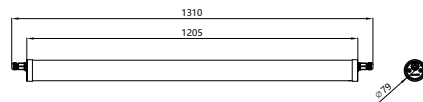
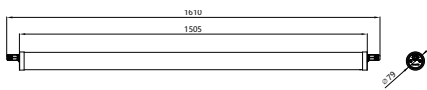
Features

- 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 level; up to 160lm/W
- Choice of color temperatures: 3000K and 4000K
- 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
- 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



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Product details



CoreLine waterproof tubular G2,
WT210C G2



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General Information	
Driver included	Yes
Number of gear units	1 unit
Light Technical	
Color rendering index (CRI)	>80
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 Color	White
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)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	4000 K	150 lm/W	3,900 lm
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	4000 K	161 lm/W	7,000 lm
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	4000 K	161 lm/W	7,000 lm
911401828488	WT210C G2 LED70S/830 PSU TW1 PC L1500	3000 K	152 lm/W	6,600 lm
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	4000 K	161 lm/W	7,000 lm
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	4000 K	161 lm/W	7,000 lm
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	4000 K	161 lm/W	7,000 lm
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	4000 K	161 lm/W	7,000 lm
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	4000 K	161 lm/W	5,000 lm
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	4000 K	161 lm/W	5,000 lm
911401828388	WT210C G2 LED50S/830 PSU TW1 PC L1200	3000 K	150 lm/W	4,650 lm
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	4000 K	161 lm/W	5,000 lm
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	4000 K	161 lm/W	5,000 lm
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	4000 K	161 lm/W	5,000 lm
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	4000 K	161 lm/W	5,000 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power
			Consumption
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	50 to 60 Hz	26 W
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
911401828488	WT210C G2 LED70S/830 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
911401828388	WT210C G2 LED50S/830 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

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Controls and Dimming

Order Code	Full Product Name	Dimmable
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	No
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	No
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	No
911401828488	WT210C G2 LED70S/830 PSU TW1 PC L1500	No
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

Order Code	Full Product Name	Dimmable
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	No
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	No
911401828388	WT210C G2 LED50S/830 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
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	IK06	IP67
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	IK06	IP67
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	IK10	IP68
911401828488	WT210C G2 LED70S/830 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
911401828388	WT210C G2 LED50S/830 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
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	No	-
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	No	-
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	No	-
911401828488	WT210C G2 LED70S/830 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

Order Code	Full Product Name	Central Emergency	Emergency lighting
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	Yes	DC operated central emergency lighting
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	No	-
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	No	-
911401828388	WT210C G2 LED50S/830 PSU TW1 PC L1200	No	-
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	No	-

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

Order Code	Full Product Name	Central Emergency	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
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	Temperature 650 °C, duration 30 s
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
911401828488	WT210C G2 LED70S/830 PSU TW1 PC L1500	Temperature 850 °C, duration 30 s
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
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

Order Code	Full Product Name	Glow-wire test
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
911401828388	WT210C G2 LED50S/830 PSU TW1 PC L1200	Temperature 850 °C, duration 30 s
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

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401827688	WT210C G2 LED39S/840 PSU TW1 PMMA L1500	(0.38, 0.38) SDCM<3
911401827888	WT210C G2 LED70S/840 PSU TW1 PMMA L1500	(0.38, 0.38) SDCM<3
911401828088	WT210C G2 LED70S/840 PSU TW1 PC L1500	(0.38, 0.38) SDCM<3
911401828488	WT210C G2 LED70S/830 PSU TW1 PC L1500	(0.43, 0.40) SDCM<3
911401828688	WT210C G2 LED70S/840 WIA TW1 PMMA L1500	(0.38, 0.38) SDCM<3
911401828888	WT210C G2 LED70S/840 WIA TW1 PC L1500	(0.38, 0.38) SDCM<3
911401829088	WT210C G2 LED70S/840 PSD TW1 PMMA L1500	(0.38, 0.38) SDCM<3
911401829288	WT210C G2 LED70S/840 PSD TW1 PC L1500	(0.38, 0.38) SDCM<3

Order Code	Full Product Name	Initial chromaticity
911401827788	WT210C G2 LED50S/840 PSU TW1 PMMA L1200	(0.38, 0.38) SDCM<3
911401827988	WT210C G2 LED50S/840 PSU TW1 PC L1200	(0.38, 0.38) SDCM<3
911401828388	WT210C G2 LED50S/830 PSU TW1 PC L1200	(0.43, 0.40) SDCM<3
911401828588	WT210C G2 LED50S/840 WIA TW1 PMMA L1200	(0.38, 0.38) SDCM<3
911401828788	WT210C G2 LED50S/840 WIA TW1 PC L1200	(0.38, 0.38) SDCM<3
911401828988	WT210C G2 LED50S/840 PSD TW1 PMMA L1200	(0.38, 0.38) SDCM<3
911401829188	WT210C G2 LED50S/840 PSD TW1 PC L1200	(0.38, 0.38) SDCM<3

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