



# CoreLine tubular waterproof

## WT210C LED50S/840 PSU TW1 PMMA L1200

CoreLine tubular waterproof, 39 W, L1200 mm, 5000 lm, 4000 K, Very wide beam, Opal, IP68, IK06, TW1

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.

### Product data

General Information		Warranty period	5 years
Light source replaceable	No	Flammability mark	For mounting on easily flammable surfaces
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Feed-through wiring	Feed-through wiring 1-phase	EU RoHS compliant	Yes
Lighting Technology	LED		
Value ladder	Performance		
CE mark	Yes		

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<b>Light Technical</b>	
Luminous Flux	5,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	130°
Unified glare rating CEN	26

<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	20 A
Inrush time	0.15 ms
Power Consumption	39 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	30

<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C

<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

<b>Mechanical and Housing</b>	
Housing Material	Plastic
Reflector material	Aluminum
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Opal
Overall length	1,340 mm
Overall width	69 mm
Overall height	69 mm

Overall diameter	69 mm
Dimensions (Height x Width x Depth)	69 x 69 x 1340 mm

<b>Approval and Application</b>	
Ingress protection code	IP69K [Dust penetration-protected, pressure watertight 80 °C]
Mech. impact protection code	IK06 [1 J]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM3
Power consumption tolerance	+/-10%

<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

<b>Product Data</b>	
Order product name	WT210C LED50S/840 PSU TW1 PMMA L1200
Full product name	WT210C LED50S/840 PSU TW1 PMMA L1200
Full product code	871951494735199
Order code	911401827884
Material Nr. (12NC)	911401827884
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514947351
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514947399

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### Dimensional drawing

