



CoreLine Waterproof

WT120C LED40S/840 PSU TW1 WEC L1200

Coreline Waterproof – – – 840 neutral white – Power supply unit

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. CoreLine waterproof products can directly replace traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W. With its slim and stylish design, it continues to keep its well-known and appreciated architecture. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. Interact Ready luminaires with integrated wireless communications are also available in this range, ready to be used with Interact gateways, sensors and software.

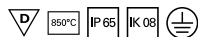
Product data

General Information		ENEC mark	
Lamp family code	-	Warranty period	5 years
Light source color	840 neutral white	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB of 16 A type B	40
Driver/power unit/transformer	Power supply unit	RoHS mark	RoHS mark
Driver included	Yes	Product family code	WT120C [Coreline Waterproof]
Optic type	-	Unified glare rating CEN	24
Luminaire light beam spread	110°		
Control interface	-		
Connection	Push-in connector 3-pole		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 30 s		
Flammability mark	For mounting on easily flammable surfaces		
CE mark	CE mark		

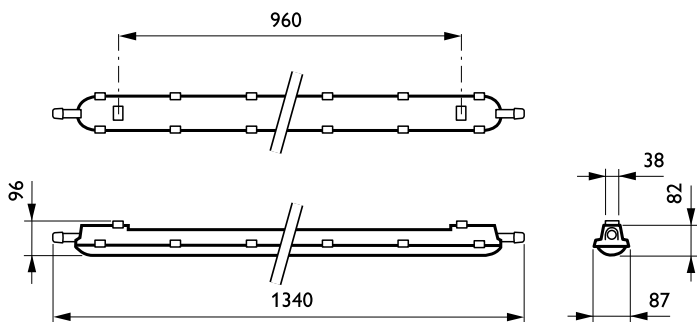
CoreLine Waterproof

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	12 A
Inrush time	0.030 ms
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Textured
Overall length	1332 mm
Overall width	87 mm
Overall height	96 mm
Color	Gray
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	32 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75
Application Conditions	
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Full product code	871869916317400
Order product name	WT120C LED40S/840 PSU TW1 WEC L1200
EAN/UPC - Product	8718699163174
Order code	910500459301
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500459301
Net Weight (Piece)	1.530 kg

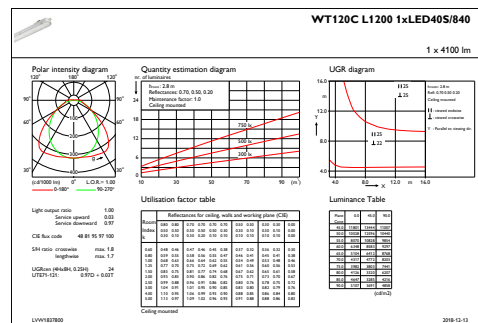
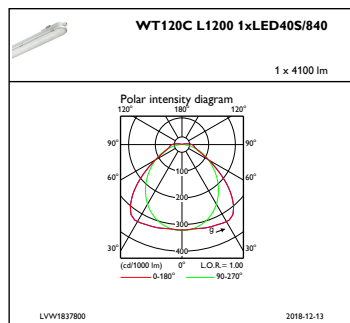


Dimensional drawing



CoreLine Waterproof WT120C

Photometric data



IFPC1_WT120CL12001xLED40S840

IFGU1_WT120CL12001xLED40S840

