



# CoreLine Waterproof

## WT120C LED60S/840 PSU L1500 EL3

Coreline Waterproof - - - 840 neutral white - Power supply unit  
 - Emergency lighting 3 hours duration

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it’s a simple switch. Also available as an Interact Ready wireless CoreLine waterproof luminaire that works with Interact Pro lighting software and Interact Ready devices to provide a connected lighting system for SMEs

### Product data

General Information			
Number of light sources	1 [ 1 pc]	Glow-wire test	Temperature 850 °C, duration 30 s
Lamp family code	-	Flammability mark	F [ For mounting on normally flammable surfaces]
Light source colour	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	UL mark	No
Driver/power unit/transformer	PSU [ Power supply unit]	Warranty period	5 years
Driver included	Yes	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.
Optic type	No [ -]	Constant light output	No
Optical cover/lens type	PC [ Polycarbonate bowl/cover]	Number of products on MCB	24
Luminaire light beam spread	110°		
Emergency lighting	EL3 [ Emergency lighting 3 hours duration]		
Control interface	-		
Cable	-		
Protection class IEC	Safety class I		

## CoreLine Waterproof

RoHS mark	RoHS mark
Product Family Code	WT120C [ Coreline Waterproof]
Unified glare rating CEN	25

### Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	8 A
Inrush time	0.060 ms
Power factor (min.)	0.9

### Controls and Dimming

Dimmable	No
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### 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	1504 mm
Overall width	87 mm
Overall height	96 mm

### 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	6000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	115 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	52 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

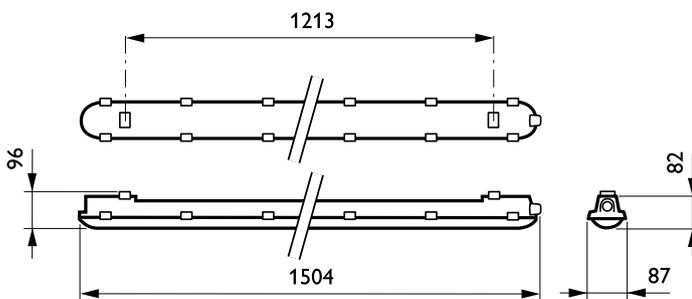
### Application Conditions

Ambient temperature range	0 to +25 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

### Product Data

Full product code	871829185421000
Order product name	WT120C LED60S/840 PSU L1500 EL3
EAN/UPC – product	8718291854210
Order code	85421000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500454306
Net weight (piece)	2.820 kg

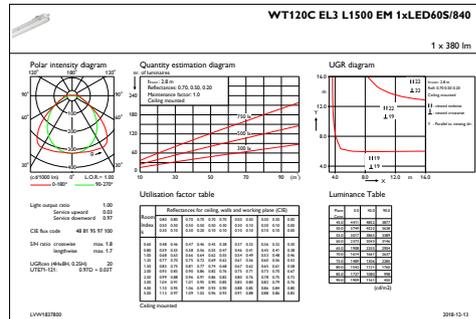
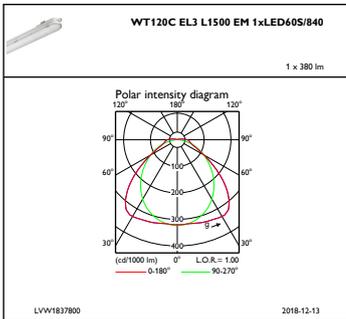
## Dimensional drawing



CoreLine Waterproof WT120C

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## Photometric data



IFPC1\_WT120CEL3L1500EM1xLED60S840

IFGU1\_WT120CEL3L1500EM1xLED60S840

