

PHILIPS**Lighting**

CoreLine Waterproof

WT120C LED80S/840 PSU L1500

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

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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	
Lamp family code	-
Beam angle of light source	120 °
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	No [-]
Luminaire light beam spread	110°
Emergency lighting	No [-]
Control interface	-
Connection	Push-in connector 3-pole

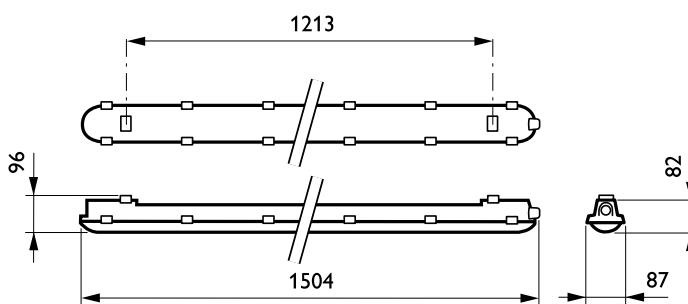
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	D [For mounting on easily flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	No
Warranty period	5 years
Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Constant light output	No
Number of products on MCB	18
RoHS mark	RoHS mark

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Product Family Code	WT120C [Coreline Waterproof]	Init. Corr. colour temperature	4000 K
Unified glare rating CEN	26	Init. colour rendering index	≥80
Operating and Electrical			
Input voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) SDCM <3
Input frequency	50 to 60 Hz	Initial input power	68 W
Inrush current	6.02 A	Power consumption tolerance	+/-10%
Inrush time	0.065 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		
Gear tray material	NO		
Fixation material	Stainless steel		
Optical cover/lens finish	Textured		
Overall length	1530 mm		
Overall width	87 mm		
Overall height	96 mm		
Colour	Grey		
Approval and Application			
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	Ambient temperature range	-25 to +35 °C
Mech. impact protection code	IK08 [5 J vandal-protected]	Performance ambient temperature Tq	25 °C
Initial Performance (IEC Compliant)			
Initial luminous flux	8000 lm	Maximum dimming level	Not applicable
Luminous flux tolerance	+/-10%	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Initial LED luminaire efficacy	118 lm/W		
Application Conditions			
Full product code	871869940928900		
Order product name	WT120C LED80S/840 PSU L1500		
EAN/UPC – product	8718699409289		
Order code	40928900		
Numerator – quantity per pack	1		
Numerator – packs per outer box	1		
Material no. (12NC)	910500465651		
Net weight (piece)	1.820 kg		



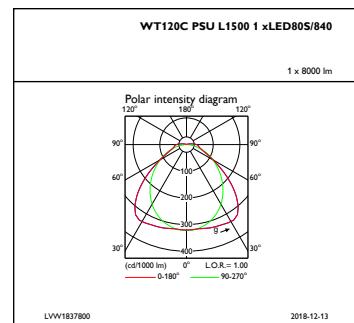
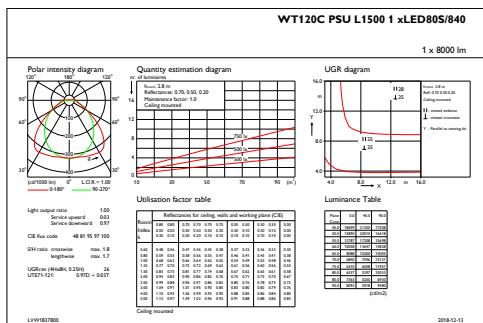
Dimensional drawing



CoreLine Waterproof WT120C

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Photometric data



IFGU1 WT120CPSUL15001xLED80S840

IFPC1 WT120CPSUL15001xLED80S840

