

**PHILIPS****Lighting**

# CoreLine Waterproof

## WT120C LED80S/840 PSD L1500

Coreline Waterproof - - - 840 neutral white - Power supply unit with DALI interface - -

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.;InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

### Product data

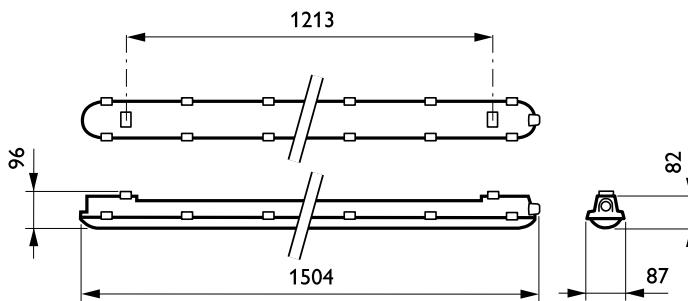
General Information		
Number of light sources	-	
Lamp family code	-	
Beam angle of light source	120 °	
Light source color	840 neutral white	
Cap-Base	- [ - ]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	-	
Driver/power unit/transformer	Power supply unit with DALI interface	
Driver included	Yes	
Optic type	-	
Optical cover/lens type	-	
Luminaire light beam spread	110°	
Emergency lighting	-	
Control interface	DALI	
Connection		Push-in connector 5-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
ENEC mark		ENEC mark
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 of 16 A type B		18
RoHS mark		RoHS mark
Serviceability class		-
Product family code		WT120C [ Coreline Waterproof]

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Unified glare rating CEN	26	Init. Corr. Color Temperature	4000 K
<b>Operating and Electrical</b>			
Input Voltage	220 to 240 V	Init. Color Rendering Index	≥80
Input Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM <3
Inrush current	4.5 A	Initial input power	68 W
Inrush time	1 ms	Power consumption tolerance	+/-10%
Power Factor (Min)	0.9		
<b>Controls and Dimming</b>			
Dimmable	Yes		
<b>Mechanical and Housing</b>			
Housing Material	Polycarbonate	Median useful life L70B50	50000 h
Reflector material	Steel	Median useful life L80B50	30000 h
Optic material	-	Median useful life L90B50	15000 h
Optical cover/lens material	Polycarbonate	Lumen maintenance at median useful life* L75	
Gear tray material	NO	50000 h	
Fixation material	Stainless steel		
Optical cover/lens finish	Textured		
Overall length	1530 mm		
Overall width	87 mm		
Overall height	96 mm		
Color	Gray		
<b>Approval and Application</b>			
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
<b>Initial Performance (IEC Compliant)</b>			
Initial luminous flux (system flux)	8000 lm	Maximum dim level	1%
Luminous flux tolerance	+/-10%	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Initial LED luminaire efficacy	118 lm/W		



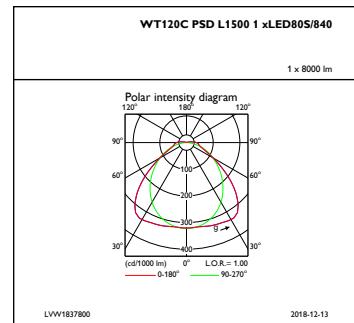
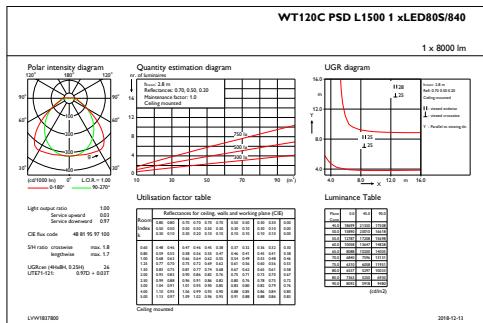
## Dimensional drawing



CoreLine Waterproof WT120C

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## Photometric data



IFGU1\_WT120CPSDL15001xLED80S840

IFPC1\_WT120CPSDL15001xLED80S840

