



CoreLine Waterproof

WT120C LED80S/840 PSU L1500

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

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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		Connection	Push-in connector 3-pole
Lamp family code	-	Cable	-
Beam angle of light source	120 °	Protection class IEC	Safety class I
Light source color	840 neutral white	Glow-wire test	Temperature 850 °C, duration 30 s
Cap-Base	- [-]	Flammability mark	For mounting on easily flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Gear	-	UL mark	-
Driver/power unit/transformer	Power supply unit	Warranty period	5 years
Driver included	Yes	Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Optic type	-	Constant light output	No
Luminaire light beam spread	110°		
Emergency lighting	-		
Control interface	-		

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Number of products on MCB of 16 A type B	18
RoHS mark	RoHS mark
Serviceability class	-
Product family code	WT120C [Coreline Waterproof]
Unified glare rating CEN	26

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	6.02 A
Inrush time	0.065 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
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
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)	8000 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	118 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	68 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

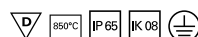
Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

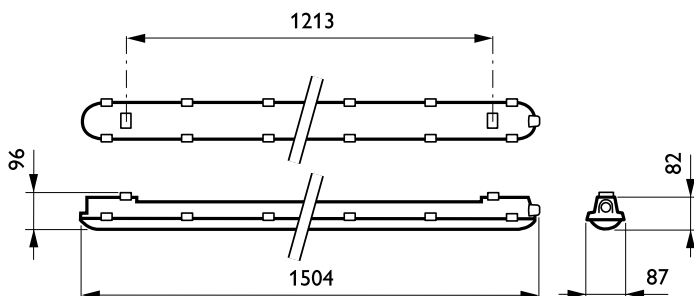
Ambient temperature range	-25 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869940928900
Order product name	WT120C LED80S/840 PSU L1500
EAN/UPC - Product	8718699409289
Order code	910500465651
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500465651
Net Weight (Piece)	1.820 kg

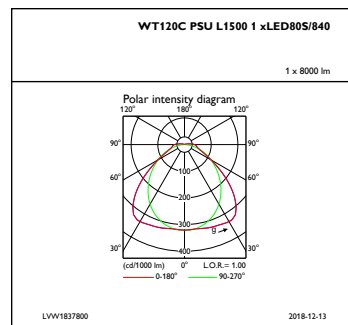
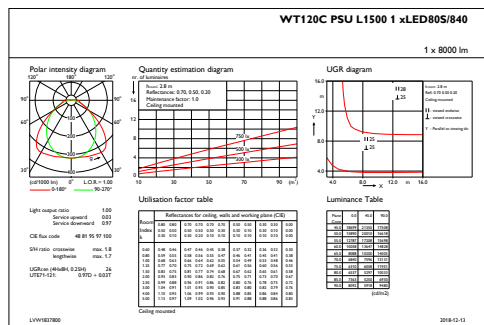


Dimensional drawing



CoreLine Waterproof WT120C

Photometric data



IFGU1_WT120CPSUL15001xLED80S840

IFPC1_WT120CPSUL15001xLED80S840

