



CoreLine Waterproof

WT120C G2 LED80S/840 PSU MDU L1500

Coreline Waterproof G2 LSC - LED Module, system flux 8000 lm
- 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			
Lamp family code	LED80S [LED Module, system flux 8000 lm]	Protection class IEC	Safety class I
Light source color	840 neutral white	Glow-wire test	Temperature 850 °C, duration 30 s
Light source replaceable	No	Flammability mark	For mounting on easily flammable surfaces
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	Power supply unit	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	Beam angle 110°	Constant light output	No
Optical cover/lens type	Micro-lens optic	Number of products on MCB of 16 A type B	30
Luminaire light beam spread	105°	RoHS mark	-
Control interface	-	Service tag	Yes
Connection	Push-in connector 3-pole	Product family code	WT130C [Coreline Waterproof G2 LSC]
Cable	-	Unified glare rating CEN	25

CoreLine Waterproof

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	6.9 A
Inrush time	0.058 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1515 mm
Overall width	80 mm
Overall height	76 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
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	131.15 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	61 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

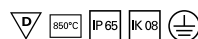
Control gear failure rate at median useful life 50000 h	1.75 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

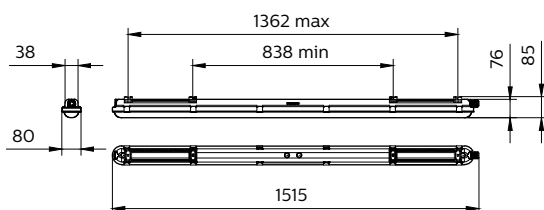
Ambient temperature range	-10 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869996286900
Order product name	WT120C G2 LED80S/840 PSU MDU L1500
EAN/UPC - Product	8718699962869
Order code	910505100078
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100078
Net Weight (Piece)	1.820 kg

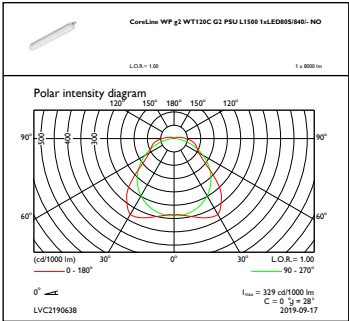


Dimensional drawing

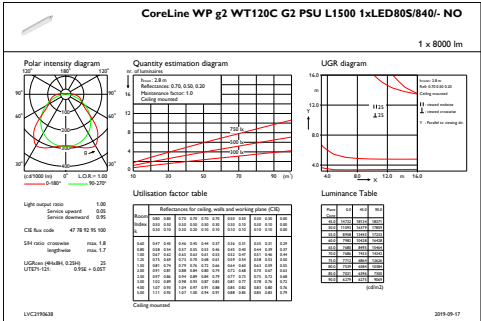


CoreLine Waterproof WT120C

Photometric data



OFPC1_



IFGU1_

