CoreLine Waterproof

WT120C G2 LED40S/840 PSU TW3 L1200

Coreline Waterproof G2 LSC - 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

Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Beam angle 110°
Luminaire light beam spread	105°
Control interface	–
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
Constant light output	No
Number of products on MCB of 16 A type B	60
RoHS mark	–
Product family code	WT130C [Coreline Waterproof G2 LSC]
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz

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Inrush current	5.16 A
Inrush time	0.047 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
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1215 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)	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133.33 lm/W
Init. Corr. Color Temperature	4000 K

Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	30 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

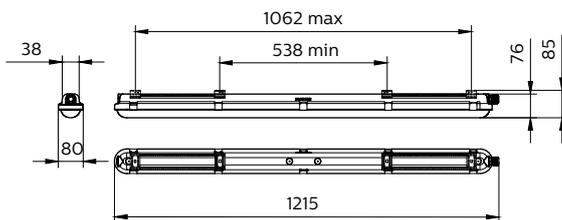|	
Control gear failure rate at median useful life 50000 h	1.75 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

Ambient temperature range	-10 to +35 ℃
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable

Product Data

Full product code	871869691687200
Order product name	WT120C G2 LED40S/840 PSU TW3 L1200
EAN/UPC – Product	8718696916872
Order code	910505100047
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910505100047
Net Weight (Piece)	1.530 kg

Dimensional drawing

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www.lighting.philips.com

2019, August 22 – data subject to change