



CoreLine Waterproof

WT120C G2 LED40S/840 PSD ELB3 L1200

Coreline Waterproof G2 LSC - LED Module, system flux 4000 lm
 - 840 neutral white - Power supply unit with DALI interface -
 Emergency lighting 3 hours duration

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.

Product data

General Information		ENEC mark	ENEC mark
Lamp family code	LED40S [LED Module, system flux 4000 lm]	Warranty period	5 years
Lamp colour code	840 neutral white	Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB (16 A type B)	30
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	EU RoHS compliant	Yes
Driver included	Yes	Product family code	WT130C [Coreline Waterproof G2 LSC]
Optic type	110 [Beam angle 110°]	Unified glare rating CEN	25
Luminaire light beam spread	105°		
Emergency lighting	EL3 [Emergency lighting 3 hours duration]		
Control interface	DALI		
Connection	PI6 [Push-in connector 6-pole]		
Cable	-		
Protection class IEC	Safety class I (I)		
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]		
Flammability mark	D [For mounting on easily flammable surfaces]		
CE mark	CE mark		

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Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	19.4 A
Inrush time	0.2 ms
Power factor (min.)	0.86

Controls and Dimming

Dimmable	Yes
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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	Frosted
Overall length	1215 mm
Overall width	80 mm
Overall height	76 mm
Colour	Grey
Dimensions (height x width x depth)	76 x 80 x 1215 mm (3 x 3.1 x 47.8 in)

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	114 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38,0.38)SDCM<=3
Initial input power	35 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

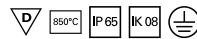
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

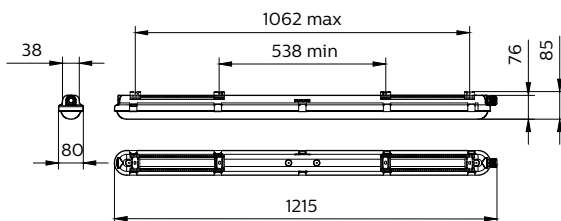
Ambient temperature range	0 to +25 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

Product Data

Full product code	871869688312900
Order product name	WT120C G2 LED40S/840 PSD ELB3 L1200
EAN/UPC – product	8718696883129
Order code	910505100057
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	910505100057
SAP net weight (piece)	2.530 kg

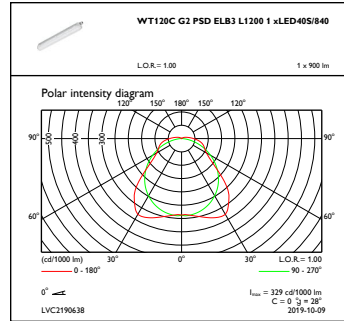
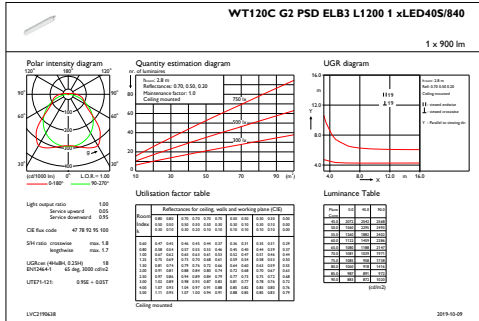


Dimensional drawing



CoreLine Waterproof WT120C

Photometric data



IFGU1_WT120CG2PSDELB3L12001xLED40S840 **OFPC1_WT120CG2PSDELB3L12001xLED40S840**

