



CoreLine Waterproof

WT120C G2 LED40S/840 PSU ELB3 L1200

CoreLine Waterproof, 33 W, L1200 mm, 4000 lm, 4000 K, Wide beam, Frosted, IP65, IK08, TW1-ready, ELB3h

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.

Warnings and Safety

- · UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- $\boldsymbol{\cdot}$ Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

General Information	
Lamp family code	LED40S [LED module, system flux 4000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Feed-through wiring	Simple Connection and removable cover
	available for feed-through wiring 1-phase
	(internal wiring is not included)
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.

Service tag	Yes
Product family code	WT130C [Coreline Waterproof G2 LSC]
Lighting Technology	LED
Type of emergency lighting battery	Lithium
Value ladder	Performance
CE mark	CE mark
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,000 lm

Datasheet, 2023, August 3 data subject to change

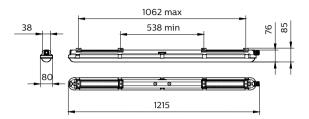
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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value	1
as per EN 61000-3-3	
Stroboscopic effect visibility measure	1.6
(SVM)	
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	5.16 A
Inrush time	0.047 ms
Power Consumption	33 W
Power Factor (Fraction)	0.86
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type	60
В	
Temperature	
Ambient temperature range	0 to +25 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover finish	Frosted
Overall length	1,215 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1215 mm

Emergency Operation	
Emergency flux	500 lm
Power consumption during Central DC	3 W
emergency mode	
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-prod
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	85
life* 50000 h	
Lumen maintenance at median useful	70
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	WT120C G2 LED40S/840 PSU ELB3 L1200
Full product name	WT120C G2 LED40S/840 PSU ELB3 L1200
Full product code	871829185419700
Order code	85419700
Material Nr. (12NC)	910505100054
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291854197
Numerator - Packs per outer box	1

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Dimensional drawing





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