



CoreLine Waterproof

WT120C G2 LED60S/840 PSU ELB3 L1500

CoreLine Waterproof, 49.5 W, L1500 mm, 6000 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. Also available as an Interact Ready wireless CoreLine waterproof luminaire that works with Interact Pro lighting software and Interact Ready devices to provide a connected lighting system for SMEs

Warnings and Safety

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

Product data

General Information		
Lamp family code	LED60S [LED Module, system flux 6000 lm]	
Light source replaceable	No	
Number of gear units	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	*- 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.	
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	

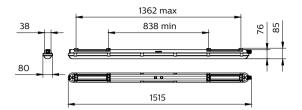
Datasheet, 2023, December 5 data subject to change

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Glow-wire test	Temperature 850 °C, duration 30 s	Overall height	76 mm
EU RoHS compliant	Yes	Dimensions (height x width x depth)	76 x 80 x 1515 mm
Light Technical		Emergency Operation	
Luminous Flux	6,000 lm	Emergency flux	500 lm
Correlated Colour Temperature	4000 K	Emergency Power	3 W
Luminous efficacy (rated) (nom.)	121 lm/W		
Colour rendering index (CRI)	>80	Approval and Application	
Flickering value (PstLM)	1	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Stroboscopic effect	1.6	Mech. impact protection code	IK08 [5 J vandal-protected]
Light source colour	840 neutral white	Sustainability rating	-
Optic type	Wide beam	Protection class IEC	Safety class I
Luminaire light beam spread	105°	Photobiological risk	Photobiological risk group 0 @200mm to
Unified Glare Rating (CEN)	25		EN62778
Operating and Electrical		Initial Performance (IEC Compliant	:)
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 or 60 Hz	Initial chromaticity	(0.38,0.38)SDCM<=3
Inrush current	5.56 A	Power consumption tolerance	+/-10%
Inrush time	0.047 ms		
Power Consumption	49.5 W	Over Time Performance (IEC Comp	liant)
Power Factor (Fraction)	0.9	Control gear failure rate at median usefu	ıl 5%
Connection	Push-in connector 4-pole	life 50,000 h	
Cable		Lumen maintenance at median useful	80
Number of products on MCB of 16 A type	e 36	life* 50,000 h	
В		Lumen maintenance at median useful	70
		life* 100,000 h	
Temperature			
Ambient temperature range	0 to +25 °C	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming		Maximum dim level	Not applicable
Dimmable	No	Suitable for random switching	Not applicable
Driver/power unit/transformer	Power supply unit (On/Off)		
Constant light output	No	Product Data	
		Order product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Mechanical and Housing		Full product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Housing material	Polycarbonate	Full EOC	871829185421000
Reflector material	Steel	Order code	85421000
Optic material	Polycarbonate	Material no. (12 NC)	910505100073
Optical cover/lens material	Polycarbonate	SAP numerator – quantity per pack	1
Fixation material	Stainless steel	EAN/UPC — Product/Case	8718291854210
Housing Colour	Grey	Numerator – packs per outer box	1
Optical cover/lens finish	Frosted	EAN/UPC - Case	8718291854210
Overall length	1,515 mm		
Overall width	80 mm		
Overall width	00 111111		

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Dimensional drawing





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