



# **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.

#### **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	LED60S [LED Module, system flux 6000 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	6,000 lm	

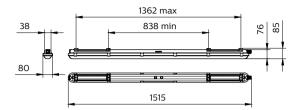
Datasheet, 2024, February 19 data subject to change

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Correlated Color Temperature (Nom)	4000 K	Emergency Operation	
Luminous Efficacy (rated) (Nom)	121 lm/W	Emergency flux	500 lm
Color rendering index (CRI)	>80	Power consumption during Central DC	3 W
Flickering value (PstLM) - Flickering valu	ue 1	emergency mode	
as per EN 61000-3-3			
Stroboscopic effect visibility measure	1.6	Approval and Application	
(SVM)		Ingress protection code	IP65 [Dust penetration-protected, jet-proof
Light source color	840 neutral white	Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type	Wide beam	Sustainability rating	-
Luminaire light beam spread	105°	Protection class IEC	Safety class I
Unified glare rating CEN	25	Photobiological risk	Photobiological risk group 0 @200mm to
			EN62778
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 or 60 Hz	Luminous flux tolerance	+/-10%
Inrush current	5.56 A	Initial chromaticity	(0.38,0.38)SDCM<=3
Inrush time	0.047 ms	Power consumption tolerance	+/-10%
Power Consumption	49.5 W		
Power Factor (Fraction)	0.9	Over Time Performance (IEC Compli	ant)
Connection	Push-in connector 4-pole	Control gear failure rate at median useful	5 %
Cable	-	life 50000 h	
Number of products on MCB of 16 A type	e 36	Lumen maintenance at median useful	80
В		life* 50000 h	
		Lumen maintenance at median useful	70
Temperature		life* 100000 h	
Ambient temperature range	0 to +25 ℃		
		Application Conditions	
Controls and Dimming		Performance ambient temperature Tq	25 °C
Dimmable	No	Maximum dim level	Not applicable
Driver/power unit/transformer	Power supply unit (On/Off)	Suitable for random switching	Not applicable
Constant light output	No		
		Product Data	
Mechanical and Housing		Order product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Housing Material	Polycarbonate	Full product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Reflector material	Steel	Full product code	871829185421000
Optic material	Polycarbonate	Order code	910505100073
Optical cover material	Polycarbonate	Material Nr. (12NC)	910505100073
Fixation material	Stainless steel	Numerator - Quantity Per Pack	1
Housing Color	Gray	EAN/UPC - Product/Case	8718291854210
Optical cover finish	Frosted	Numerator - Packs per outer box	1
Overall length	1,515 mm	EAN/UPC - Case	8718291854210
Overall width	80 mm		
Overall height	76 mm		
Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm		

## **CoreLine Waterproof**

#### Dimensional drawing





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