



# **CoreLine Waterproof**

## WT120C G2 LED60S/840 PSU MDU L1500

CoreLine Waterproof, 45 W, L1500 mm, 6000 lm, 4000 K, Wide beam, Frosted, MDU1, IP65, IK08, TW1-ready

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. With its slim and stylish design, it retains the product architecture that the range is well-known and appreciated for. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. A direct replacement for traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W, it delivers significant energy savings. Interact Ready luminaires with integrated wireless communications are also available in the CoreLine waterproof range, ready to be used with Interact connected lighting system.

#### **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	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	
Value ladder	Performance	
Embedded control	Movement and light sensor (On/Off)	
CE mark	CE mark	
Warranty period	5 years	

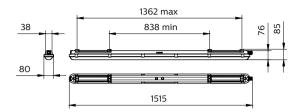
Datasheet, 2023, October 25 data subject to change

## **CoreLine Waterproof**

Flammability mark	For mounting on easily flammable surfaces	Optical cover finish	Frosted
ENEC mark	ENEC mark	Overall length	1,515 mm
Glow-wire test	Temperature 850 °C, duration 30 s	Overall width	80 mm
EU RoHS compliant	Yes	Overall height	76 mm
		Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm
Light Technical			
Luminous Flux	6,000 lm	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Luminous Efficacy (rated) (Nom)	133 lm/W	Mech. impact protection code	IK08 [5 J vandal-protected]
Color rendering index (CRI)	>80	Sustainability rating	-
Flickering value (PstLM)	1	Protection class IEC	Safety class I
Stroboscopic effect value (SVM)	1.6	Photobiological risk	Photobiological risk group 0 @200mm to
Light source color	840 neutral white		EN62778
Optic type	Wide beam		
Luminaire light beam spread	105°	Initial Performance (IEC Compliant)	
Unified glare rating CEN	25	Luminous flux tolerance	+/-10%
		Initial chromaticity	(0.38,0.38)SDCM<=3
Operating and Electrical		Power consumption tolerance	+/-10%
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz	Over Time Performance (IEC Compliant)	
Inrush current	5.56 A	Control gear failure rate at median useful 5 %	
Inrush time	0.047 ms	life 50000 h	
Power Consumption	45 W	Lumen maintenance at median useful	80
Power Factor (Fraction)	0.9	life* 50000 h	
Connection	Push-in connector 3-pole	Lumen maintenance at median useful	70
Cable	-	life* 100000 h	
Number of products on MCB of 16 A ty	pe 36		
В		Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	Not applicable
Ambient temperature range	-20 to +35 °C	Suitable for random switching	Yes
Controls and Dimming		Product Data	
Dimmable	No	Order product name	WT120C G2 LED60S/840 PSU MDU L1500
Driver/power unit/transformer	Power supply unit (On/Off)	Full product name	WT120C G2 LED60S/840 PSU MDU L1500
Constant light output	No	Full product code	871869996275300
		Order code	910505100067
Mechanical and Housing		Material Nr. (12NC)	910505100067
Housing Material	Polycarbonate	Numerator - Quantity Per Pack	1
Reflector material	Steel	EAN/UPC - Product/Case	8718699962753
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718699962753
Fixation material	Stainless steel		
Housing Color	Gray		
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### Dimensional drawing





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