



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

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

ED60S [LED Module, system flux 6000 lm]
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ED
erformance
lass B, luminaire is equipped with some
erviceable parts (when applicable): driver,

	control units, surge protection device, front
	cover and mechanical parts
Warranty period	5 years
Sustainability rating	-
Light Technical	
Luminous Flux	6,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white

Datasheet, 2025, May 8 data subject to change

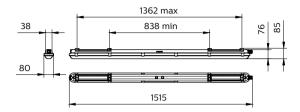
CoreLine Waterproof

Unified glare rating CEN Unified Glare General Glare Unified Glare Unifi	Ontic type	Wide heam
Unified glare rating CEN Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 or 60 Hz Inrush current 556 A Inrush time 0.047 ms Power Consumption 49 5 W Power Factor (Fraction) 0.9 Connection Push-in connector 4-pole Cable - Connection Cable 36 B Suitable for random switching Not applicable Protection class IEC Seed-through wiring Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) Total harmonic distortion 20 % Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output Maximum dim level Not applicable Mechanical and Housing Housing Material Reflector material Optic material Optic material Optic material Optic material Optical cover material Fixation material Housing Color Optical cover material Polycarbonate Fixation material Housing Color Optical cover material Polycarbonate Fixation material No mm Overall height Overall length Overall height Fixation repair with x Depth in fire seed Fixation material No mm Overall height Fixation material No mm Overall height Fixation repair with x Depth in fire seed Optical cover funder (including) Reflector material Optical cover funder Fixation material No mm Overall height Fixation material No mm Fixation m	Optic type	Wide beam
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Input Voltage	On another a seed Floreteined	
Line Frequency 50 or 60 Hz Inrush current 5.56 A Inrush time 0.047 ms Power Consumption 49.5 W Power Factor (Fraction) 0.9 Connection Push-in connector 4-pole Cable - Number of products on MCB of 16 A type 36 B Suitable for random switching Not applicable Protection class IEC Safety class I Feed-through wiring Simple Connection and removable cover available for feed-through wiring I-phase (internal wiring is not included) Total harmonic distortion 20 % Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Contol interface - Constant light output No Maximum dim level No Maximum dim level Polycarbonate Reflector material Steel Optic material Polycarbonate Fixation material Polycarbonate Fixation material Stainless steel Housing Color Gray Optical cover finish Frested Overall length To Frested Overall length (Fice) 100 kg Fixer person of the emergency lighting 1 hour(s) (when fully charged) Additional max. power consumption May Fixer person of the fixer person of the mergency battery is charging		
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Additional max. power consumption 3 W when emergency battery is charging		5 riour(S)
when emergency battery is charging		21/4
		3 W
Central Emergency No		
	Central Emergency	No

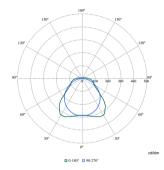
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3 hours duration basic
	version
Approval and Application	
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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.
Flickering value (PstLM) - Flickering	1
value as per EN 61000-3-3	
Stroboscopic effect visibility measure	1.6
(SVM)	
Ambient temperature range	0 to +25 ℃
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	iant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance (EN-IEC 62722-2-1)	L80
at median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1)	L70
at median useful life* 100000 h	
D 1 1 D 1	
Product Data	
Order product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Full product name	WT120C G2 LED60S/840 PSU ELB3 L1500
Fig. 11 and a december of a line	871829185421000
Full product code	
Order code	910505100073
Order code Material Nr. (12NC)	910505100073 910505100073
Order code	
Order code Material Nr. (12NC)	910505100073
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910505100073
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	910505100073 1 8718291854210

CoreLine Waterproof

Dimensional drawing



Photometric data



Polar Normal (separate) - WT120CI - 910505100073



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