



CoreLine Waterproof

WT120C G2 LED40S/840 PSD ELB3 L1200

CoreLine Waterproof, 35.5 W, L1200 mm, 4000 lm, 4000 K, DALI, 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

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		

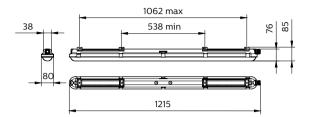
Datasheet, 2023, October 10 data subject to change

CoreLine Waterproof

Flammability mark	For mounting on easily flammable surfaces	Overall width	80 mm
ENEC mark	ENEC mark	Overall height	76 mm
Glow-wire test	Temperature 850 °C, duration 30 s	Dimensions (Height x Width x Depth)	76 x 80 x 1215 mm
EU RoHS compliant	Yes		
		Emergency Operation	
Light Technical		Emergency flux	500 lm
Luminous Flux	4,000 lm	Emergency Power	3 W
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	113 lm/W	Approval and Application	
Color rendering index (CRI)	>80	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Flickering value (PstLM)		Mech. impact protection code	IK08 [5 J vandal-protected]
Stroboscopic effect value (SVM)	1.6	Sustainability rating	-
Light source color	840 neutral white	Protection class IEC	Safety class I
Optic type	Wide beam	Photobiological risk	Photobiological risk group 0 @200mm to
Luminaire light beam spread	105°		EN62778
Unified glare rating CEN	25	1 11 15 6 (150 6 11 1	
		Initial Performance (IEC Compliant	
Operating and Electrical		Luminous flux tolerance	+/-10%
Input Voltage	220 to 240 V	Initial chromaticity	(0.38,0.38)SDCM<=3
Line Frequency	50 or 60 Hz	Power consumption tolerance	+/-10%
Inrush current	19.4 A	0 7: 0 ((55.5	P 0
Inrush time	0.2 ms	Over Time Performance (IEC Comp	
Power Consumption	35.5 W	Control gear failure rate at median usefu	JL 5 %
Power Factor (Fraction)	0.9	life 50000 h	05
Connection	Push-in connector 6-pole	Lumen maintenance at median useful life* 50000 h	85
Cable Name of the Advantage MCD of 15 A toron	- 30	Lumen maintenance at median useful	70
Number of products on MCB of 16 A type B	e 30	life* 100000 h	70
			
Temperature		Application Conditions	
Ambient temperature range	0 to +25 °C	Performance ambient temperature Tq	25 °C
Ambient temperature range	0.10 .23 C	Maximum dim level	1%
Controls and Dimming		Suitable for random switching	Not applicable
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface	Product Data	
Control interface	DALI	Order product name	WT120C G2 LED40S/840 PSD ELB3 L1200
Constant light output	No	Full product name	WT120C G2 LED40S/840 PSD ELB3 L1200
Constant light output		Full product code	871869688312900
Mechanical and Housing		Order code	910505100057
Housing Material	Polycarbonate	Material Nr. (12NC)	910505100057
Reflector material	Steel	Numerator - Quantity Per Pack	1
Optic material	Polycarbonate	EAN/UPC - Product/Case	8718696883129
Optical cover material	Polycarbonate	Numerator - Packs per outer box	1
Fixation material	Stainless steel	EAN/UPC - Case	8718696883129
Housing Color	Gray		
Optical cover finish	Frosted		
Overall length	1,215 mm		
	<u> </u>		

CoreLine Waterproof

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.