PHILIPS Lighting



CoreLine Waterproof

WT120C G2 LED100S/840 PSD L1500

CoreLine Waterproof, 62 W, L1500 mm, 10000 lm, 4000 K, Symmetrical, Clear, IP65

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

- \cdot 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		Luminous Efficacy (rated) (Nom)	160 lm/W
Number of gear units	1 unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Color Temperature (Nom)	4000 K
Value ladder	Performance	Color rendering index (CRI)	>80
Serviceability class	Class B, luminaire is equipped with some	Stroboscopic effect visibility measure (SVM)	0.4
	serviceable parts (when applicable):	Light source color	840 neutral white
	driver, control units, surge protection	Optic type	Symmetrical
	device, front cover and mechanical parts	Luminaire light beam spread	110°
		Unified glare rating CEN	25
Light Technical			
Luminous Flux	10,000 lm		

CoreLine Waterproof

Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	25.1 A	
Inrush time	0.214 ms	
Power Consumption	62 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 5-pole	
Cable	-	
Number of products on MCB of 16 A type B	21	
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Constant light output	No	
Mechanical and Housing		
Housing Material	Polycarbonate	
Reflector material	Steel	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Stainless steel	
Housing Color	Grey	
Optical cover finish	Clear	
Overall length	1,515 mm	
Overall width	80 mm	
Overall height	76 mm	
Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	
	proof]	
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IK08 [5 J vandal-protected]

Temperature 850 °C, duration 30 s

For mounting on easily flammable

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Safety class I

surfaces

CE mark

ENEC mark	ENEC mark	
Warranty period	5 years	
Photobiological risk	Photobiological risk group 1@200mm to	
	EN62778	
Photobiological risk specification	0.2 m	
EU RoHS compliant	Yes	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38,0.38) SDCM≤3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant	t)	
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance at median useful life*	-	
35000 h		
Lumen maintenance at median useful life*	L80	
50000 h		
Lumen maintenance at median useful life*	-	
75000 h		
Lumen maintenance at median useful life*	L65	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	No	
Product Data		
Order product name	WT120C G2 LED100S/840 PSD L1500	
Full product name	WT120C G2 LED100S/840 PSD L1500	
Full product code	872016975435599	
Order code	911401816387	
Material Nr. (12NC)	911401816387	
Numerator - Quantity Per Pack	1	
Net Weight (Piece)	1.730 kg	
EAN/UPC - Product/Case	8720169754355	
Numerator - Packs per outer box	9	
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Mech. impact protection code

Sustainability rating

Protection class IEC

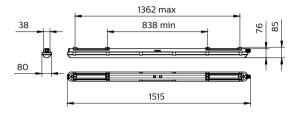
Flammability mark

Glow-wire test

CE mark

CoreLine Waterproof

Dimensional drawing





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