



CoreLine Waterproof

WT120C G2 LED40S/840 PSU L600

CoreLine Waterproof, 25 W, L600 mm, 4000 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

- 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	4,000 lm		

CoreLine Waterproof

Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	15.8 A	
Inrush time	0.175 ms	
Power Consumption	25 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 3-pole	
Cable	-	
Number of products on MCB of 16 A type B	50	
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
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	665 mm	
Overall width	80 mm	
Overall height	76 mm	
Dimensions (Height x Width x Depth)	76 x 80 x 665 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	
ingress protection code	proof]	
Mech. impact protection code		
meen. impact protection code	IK08 [5 J vandal-protected]	

Safety class I

surfaces

CE mark

Temperature 850 °C, duration 30 s

For mounting on easily flammable

	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)				
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 ℃			
Suitable for random switching	No			
Product Data				
Order product name	WT120C G2 LED40S/840 PSU L600			
Full product name	WT120C G2 LED40S/840 PSU L600			
Full product code	872016975427099			
Order code	911401815587			
Material Nr. (12NC)	911401815587			
Numerator - Quantity Per Pack	1			
Net Weight (Piece)	0.800 kg			
EAN/UPC - Product/Case	8720169754270			
Numerator - Packs per outer box	9			
EAN/UPC - Case	8720169754386			

ENEC mark

Photobiological risk group 1@200mm to

5 years

Sustainability rating
Protection class IEC

Flammability mark

Glow-wire test

CE mark

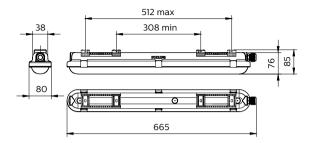
ENEC mark

Warranty period

Photobiological risk

CoreLine Waterproof

Dimensional drawing





© 2024 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.

www.lighting.philips.com 2024, July 12 - data subject to change