# **PHILIPS** Lighting



# **CoreLine Waterproof**

# WT120C G2 LED18S/840 PSU PCO L600

CoreLine Waterproof, 15 W, L600 mm, 1800 lm, 4000 K, Very wide beam, Opal, 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**

eral Information		Light Technical	
ght source replaceable	No	Luminous Flux	1,800 lm
nber of gear units	1 unit	Correlated Color Temperature (Nom)	4000 K
ver included	Yes	Luminous Efficacy (rated) (Nom)	121 lm/W
rvice tag	Yes	Color rendering index (CRI)	>80
ting Technology	LED	Light source color	840 neutral white
ladder	Performance	Optic type	Very wide beam
anty period	5 years	Luminaire light beam spread	135°
tainability rating	-	Unified glare rating CEN	26

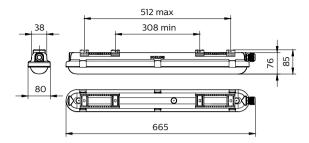
## **CoreLine Waterproof**

Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz		
Inrush current	3.58 A		
Inrush time	0.04 ms		
Power Consumption	15 W		
Power Factor (Fraction)	0.9		
Connection	Push-in connector 3-pole		
Cable	-		
Number of products on MCB of 16 A type	80		
В			
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 1-phase		
	(internal wiring is not included)		
Total harmonic distortion	20 %		
Controls and Dimming			
Dimmable	No		
Driver/power unit/transformer	Power supply unit (On/Off)		
Control interface	-		
Constant light output	No		
Maximum dim level	Not applicable		
Mechanical and Housing			
Housing Material	Polycarbonate		
Reflector material	Steel		
Optic material	Polycarbonate		
Optical cover material	Polycarbonate		
Fixation material	Stainless steel		
Housing Color	Gray		
Optical cover finish	Opal		
Overall length	665 mm		
Overall width	80 mm		
Overall height	76 mm		
Dimensions (Height x Width x Depth)	76 x 80 x 665 mm		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]		
Mech. impact protection code	IK08 [5 J vandal-protected]		
Net Weight (Piece)	0.800 kg		
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 ℃	
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 value	1	
as per EN 61000-3-3		
Stroboscopic effect visibility measure	1.6	
(SVM)		
Ambient temperature range	-20 to +40 °C	
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	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		
Product Data		
Order product name	WT120C G2 LED18S/840 PSU PCO L600	
Full product name	WT120C G2 LED18S/840 PSU PCO L600	
Full product code	871016334976399	
Order code	911401836980	
Material Nr. (12NC)	911401836980	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163349763	
Numerator - Packs per outer box	9	
EAN/UPC - Case	8710163349824	

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#### Dimensional drawing





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