



CoreLine Waterproof

WT120C G2 LED19S/840 PSU L600

CoreLine Waterproof, 15 W, L600 mm, 1900 lm, 4000 K, Wide beam, Matte, IP65, IK08, TW1-ready

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy — it's a simple switch.

Warnings and Safety

- · UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- \cdot Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

General Information	
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

Lighting Technology	LED		
Value ladder	Performance		
CE mark	CE mark		
Warranty period	5 years		
Flammability mark	For mounting on easily flammable surfaces		
ENEC mark	ENEC mark		
Glow-wire test	Temperature 850 °C, duration 30 s		
EU RoHS compliant	Yes		
Light Technical			
Luminous Flux	1,900 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	127 lm/W		
Color rendering index (CRI)	>80		

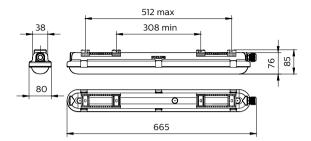
Datasheet, 2023, August 4 data subject to change

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Flickering value (PstLM) - Flickering value	e 1	Dimensions (Height x Width x Depth)	76 x 80 x 665 mm	
as per EN 61000-3-3				
Stroboscopic effect visibility measure	1.6	Approval and Application		
(SVM)		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Light source color	840 neutral white	Mech. impact protection code	IK08 [5 J vandal-protected]	
Optic type	Wide beam	Sustainability rating	-	
Luminaire light beam spread	105°	Protection class IEC	Safety class I	
Unified glare rating CEN	25	Photobiological risk	Photobiological risk group 0 @200mm to	
			EN62778	
Operating and Electrical				
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)		
Line Frequency	50 or 60 Hz	Luminous flux tolerance	+/-10%	
Inrush current	3.58 A	Initial chromaticity	(0.38,0.38)SDCM<=3	
Inrush time	0.04 ms	Power consumption tolerance	+/-10%	
Power Consumption	15 W			
Power Factor (Fraction)	0.9	Over Time Performance (IEC Compliant)		
Connection	Push-in connector 3-pole	Control gear failure rate at median useful	5 %	
Cable	-	life 50000 h		
Number of products on MCB of 16 A type	80	Lumen maintenance at median useful life* 85		
В		50000 h		
		Lumen maintenance at median useful life	* 70	
Temperature		100000 h		
Ambient temperature range	-20 to +40 °C			
		Application Conditions		
Controls and Dimming		Performance ambient temperature Tq	25 °C	
Dimmable	No	Maximum dim level	Not applicable	
Driver/power unit/transformer	Power supply unit (On/Off)	Suitable for random switching	Not applicable	
Constant light output	No			
		Product Data		
Mechanical and Housing		Order product name	WT120C G2 LED19S/840 PSU L600	
Housing Material	Polycarbonate	Full product name	WT120C G2 LED19S/840 PSU L600	
Reflector material	Steel	Full product code	871829184045900	
Optic material	Polycarbonate	Order code	84045900	
Optical cover material	Polycarbonate	Material Nr. (12NC)	911401823480	
Fixation material	Stainless steel	Numerator - Quantity Per Pack	1	
Housing Color	Gray	EAN/UPC - Product/Case	8718291840459	
Optical cover finish	Matte	Numerator - Packs per outer box	9	
Overall length	665 mm	EAN/UPC - Case	8710163346311	
Overall width	80 mm			
Overall height	76 mm			

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Dimensional drawing





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