



# **CoreLine Waterproof**

## WT120C G2 LED40S/840 PSD L1200

CoreLine Waterproof, 30.5 W, L1200 mm, 4000 lm, 4000 K, DALI, Wide beam, Frosted, 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.
- $\boldsymbol{\cdot}$  Do not install the luminaire in locations where it will be exposed to direct sunlight.

#### **Product data**

LED40S [LED module, system flux 4000 lm]	
No	
1 unit	
Yes	
Simple Connection and removable cover	
available for feed-through wiring 1-phase	
(internal wiring is not included)	
*-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		
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	4,000 lm		
Correlated Color Temperature (Nom)	4000 K		

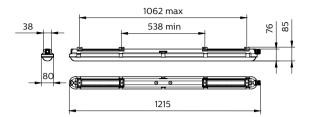
Datasheet, 2023, August 25 data subject to change

## **CoreLine Waterproof**

Luminous Efficacy (rated) (Nom)	131 lm/W	Overall height	76 mm
Color rendering index (CRI)	>80	Dimensions (Height x Width x Depth)	76 x 80 x 1215 mm
Flickering value (PstLM) - Flickering	1		
value as per EN 61000-3-3		Approval and Application	
Stroboscopic effect visibility measure	1.6	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
(SVM)		Mech. impact protection code	IK08 [5 J vandal-protected]
Light source color	840 neutral white	Sustainability rating	
Optic type	Wide beam	Protection class IEC	Safety class I
Luminaire light beam spread	105°	Photobiological risk	Photobiological risk group 0 @200mm to
Unified glare rating CEN	25		EN62778
Operating and Electrical		Initial Performance (IEC Compliant)	)
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 or 60 Hz	Initial chromaticity	(0.38,0.38)SDCM<=3
Inrush current	19.4 A	Power consumption tolerance	+/-10%
Inrush time	0.2 ms		
Power Consumption	30.5 W	Over Time Performance (IEC Comp	liant)
Power Factor (Fraction)	0.9	Control gear failure rate at median useful	1 5%
Connection	Push-in connector 5-pole	life 50000 h	
Cable	-	Lumen maintenance at median useful	85
Number of products on MCB of 16 A type	30	life* 50000 h	
В		Lumen maintenance at median useful	70
		life* 100000 h	
Temperature			
Ambient temperature range	-20 to +35 °C	<b>Application Conditions</b>	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming		Maximum dim level	1%
Dimmable	Yes	Suitable for random switching	Not applicable
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI	Product Data	
Constant light output	No	Order product name	WT120C G2 LED40S/840 PSD L1200
		Full product name	WT120C G2 LED40S/840 PSD L1200
Mechanical and Housing		Full product code	871869688309900
Housing Material	Polycarbonate	Order code	88309900
Reflector material	Steel	Material Nr. (12NC)	910505100053
Optic material	Polycarbonate	Numerator - Quantity Per Pack	1
Optical cover material	Polycarbonate	EAN/UPC - Product/Case	8718696883099
Fixation material	Stainless steel	Numerator - Packs per outer box	1
Housing Color	Gray	EAN/UPC - Case	8718696883099
Optical cover finish	Frosted		
Overall length	1,215 mm		
Overall width	80 mm		

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### Dimensional drawing





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