



# **CoreLine Waterproof**

### WT120C G2 LED40S/840 PSD L1200

WT130C | Coreline Waterproof G2 LSC - LED40S | LED module, system flux 4000 lm - 840 neutral white - Power supply unit with DALI interface

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	
Lamp family code	LED40S [LED module, system flux 4000 lm]
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
Product family code	WT130C [Coreline Waterproof G2 LSC]

Datasheet, 2023, May 18 data subject to change

## **CoreLine Waterproof**

Lighting Technology	LED
Value ladder	Performance
- Value laudei	renomance
Light Technical	
Luminous Flux	4,000 lumen
	4,000 tamen
Correlated Color Temperature (Nom)	
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified glare rating CEN	25
On southing and El. 1111	
Operating and Electrical	220 / 240 //
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	30 W
Inrush current	19.4 A
Inrush time	0.2 ms
Power Factor (Fraction)	0.86
Connection	Push-in connector 5-pole
Cable	
Number of products on MCB of 16 A type	30
B	
Temperature	
Ambient temperature range	-20 to +35 ℃
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover/lens finish	Frosted
Overall length	1,215 mm

Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1215 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
EU RoHS compliant	Yes
Initial Performance (IEC Compliant	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
	071000000000
Full product code	871869688309900
Order product name	WT120C G2 LED40S/840 PSD L1200
Order code  Numerator - Quantity Per Pack	910505100053
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box  Material number (12NC)	1
Material number (12NC)	910505100053
	WIT120C C2   ED 40C /040 DCD   1200
Full product name  EAN/UPC - Case	WT120C G2 LED40S/840 PSD L1200 8718696883099

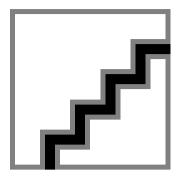






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#### Dimensional drawing





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