



CoreLine Waterproof

WT120C G2 LED37S/840 PSU PCO L1200

CoreLine Waterproof, 28.6 W, L1200 mm, 3700 lm, 4000 K, Very wide beam, Opal, 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

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	3,700 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	130 lm/W	
Color rendering index (CRI)	>80	

Datasheet, 2023, August 4 data subject to change

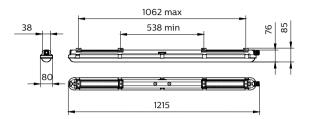
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Flickering value (PstLM) - Flickering value	e 1	Dimensions (Height x Width x D
as per EN 61000-3-3		
Stroboscopic effect visibility measure	1.6	Approval and Application
(SVM)		Ingress protection code
Light source color	840 neutral white	Mech. impact protection code
Optic type	Very wide beam	Sustainability rating
Luminaire light beam spread	135°	Protection class IEC
Unified glare rating CEN	26	Photobiological risk
Operating and Electrical		
Input Voltage	220 to 240 V	Initial Performance (IEC Co
Line Frequency	50 or 60 Hz	Luminous flux tolerance
Inrush current	14.2 A	Initial chromaticity
Inrush time	0.222 ms	Power consumption tolerance
Power Consumption	28.6 W	
Power Factor (Fraction)	0.9	Over Time Performance (IE
Connection	Push-in connector 3-pole	Control gear failure rate at med
Cable	-	life 50000 h
Number of products on MCB of 16 A type	36	Lumen maintenance at median
В		life* 50000 h
		Lumen maintenance at median
Temperature		life* 100000 h
Ambient temperature range	-20 to +40 °C	
		Application Conditions
Controls and Dimming		Performance ambient temperat
Dimmable	No	Maximum dim level
Driver/power unit/transformer	Power supply unit (On/Off)	Suitable for random switching
Constant light output	No	
		Product Data
Mechanical and Housing		Order product name
Housing Material	Polycarbonate	Full product name
Reflector material	Steel	Full product code
Optic material	Polycarbonate	Order code
Optical cover material	Polycarbonate	Material Nr. (12NC)
Fixation material	Stainless steel	Numerator - Quantity Per Pack
Housing Color	Gray	EAN/UPC - Product/Case
Optical cover finish	Opal	Numerator - Packs per outer bo
Overall length	1,215 mm	EAN/UPC - Case
Overall width	80 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	
Photobiological risk	Photobiological risk group 0 @200mm to	
	EN62778	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38,0.38)SDCM<=3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compli	ant)	
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	85	
life* 50000 h		
Lumen maintenance at median useful	70	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Not applicable	
Suitable for random switching	Not applicable	
Product Data		
Order product name	WT120C G2 LED37S/840 PSU PCO L1200	
Full product name	WT120C G2 LED37S/840 PSU PCO L1200	
Full product code	871016334979499	
Order code	34979499	
Material Nr. (12NC)	911401837280	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163349794	
	9	
Numerator - Packs per outer box		

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Dimensional drawing





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